



JANE SWIFT  
Governor

#21389

COMMONWEALTH OF MASSACHUSETTS  
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
20 RIVERSIDE DRIVE, LAKEVILLE, MA 02347 508-946-2700

RECEIVED

NOV 05 2019

BOB DURAND  
Secretary

LAUREN A. LISS  
Commissioner

City of New Bedford

Conservation Commission

**URGENT LEGAL MATTER: PROMPT ACTION NECESSARY**  
**CERTIFIED MAIL: RETURN RECEIPT REQUESTED**

COPY

July 10, 2001

Polaroid Corporation  
100 Duchaine Boulevard  
New Bedford, MA 02745

RE: NEW BEDFORD - BWSC  
100 Duchaine Blvd.  
RTN# 4-16316

**NOTICE OF RESPONSIBILITY**  
**M.G.L. c. 21E, 310 CMR 40.0000**

ATTENTION: Stephen A. Keches, Director of Manufacturing Operations

On June 18, 2001 at 4:55 PM the Department of Environmental Protection (the "Department") received oral notification of a release and/or threat of release of oil and/or hazardous material at the above referenced property that requires one or more response actions. Two thousand four hundred (2,400) gallons of Sulfuric Acid was released from a three thousand (3,000) gallon aboveground storage tank and an unknown volume of that was released into the environment.

The Massachusetts Oil and Hazardous Material Release Prevention and Response Act, M.G.L. c.21E, and the Massachusetts Contingency Plan (the "MCP"), 310 CMR 40.0000, require the performance of response actions to prevent harm to health, safety, public welfare and the environment which may result from this release and/or threat of release and govern the conduct of such actions. The purpose of this notice is to inform you of your legal responsibilities under State law for assessing and/or remediating the release at this property. For purposes of this Notice of Responsibility, the terms and phrases used herein shall have the meaning ascribed to such terms and phrases by the MCP unless the context clearly indicates otherwise.

The Department has reason to believe that the release and/or threat of release which has been reported is or may be a disposal site as defined by the M.C.P. The Department also has reason to believe that you (as used in this letter, "you" refers to Polaroid Corporation) are a Potentially Responsible Party (a "PRP") with liability under M.G.L. c.21E §5, for response action costs. This liability is "strict", meaning that it is not based on fault, but solely on your status as owner, operator, generator, transporter, disposer or other person specified in M.G.L. c.21E §5. This liability is also "joint and several", meaning that you may be liable for all response action costs incurred at a disposal site regardless of the existence of any other liable parties.

The Department encourages parties with liabilities under M.G.L. c.21E to take prompt and appropriate actions in response to releases and threats of release of oil and/or hazardous materials. By taking prompt action, you may significantly lower your assessment and cleanup costs and/or avoid liability for

This information is available in alternate format by calling our ADA Coordinator at (617) 574-6872.

DEP on the World Wide Web: <http://www.magnet.state.ma.us/dep>

Printed on Recycled Paper

Unless otherwise provided by the Department, potentially responsible parties ("PRP's") have one year from the initial date of notification to the Department of a release or threat of a release, pursuant to 310 CMR 40.0300, or from the date the Department issues a Notice of Responsibility, whichever occurs earlier, to file with the Department one of the following submittals: (1) a completed Tier Classification Submittal; (2) a Response Action Outcome Statement or, if applicable, (3) a Downgradient Property Status. The deadline for either of the first two submittals for this disposal site is **June 18, 2002**. If required by the MCP, a completed Tier I Permit Application must also accompany a Tier Classification Submittal.

This site shall not be deemed to have had all the necessary and required response actions taken unless and until all substantial hazards presented by the release and/or threat of release have been eliminated and a level of No Significant Risk exists or has been achieved in compliance with M.G.L. c.21E and the MCP.

If you have any questions relative to this Notice, please contact Michael Moran at the letterhead address or at [REDACTED]. All future communications regarding this release must reference the following Release Tracking Number: **4-16316**.

Very truly yours,



Richard F. Packard, Chief  
Emergency Response / Release  
Notification Section

P/MJM/re

CERTIFIED MAIL # 7099 3220 0002 0272 6834  
RETURN RECEIPT REQUESTED

Attachments: Release Notification Form; BWSC-103 and Instructions  
Summary of Liability under M.G.L. c.21E  
Department's guide to hiring a Licensed Site Professional.

cc: GEI Consultants  
1021 Main Street  
Winchester, MA 01890  
ATTN: Ian Phillips

Health Dept.  
181 Hillman St.  
New Bedford, MA 02740

Office of the Mayor  
City Hall  
181 Hillman St.  
New Bedford, MA 02740

Fire Dept  
868 Pleasant St.  
New Bedford, MA 02740

#  
21389

Polaroid Corporation  
100 Duchaine Boulevard  
New Bedford, Massachusetts 02745

**Polaroid**

**RECEIVED**

February 3, 1997

NOV 05 2019

Deputy Chief Paul Leger  
City Of New Bedford  
New Bedford Fire Prevention Bureau  
181 Hillman Street  
New Bedford, MA 02740

City of New Bedford  
Conservation Commission

Dear Deputy Chief Leger:

The purpose of this letter is to confirm our telephone conversation on Thursday, 1/30/97, notifying the New Bedford Fire Department of Polaroid Corporation's desire to restore to service a fuel oil underground storage bunker at its 100 Duchaine Boulevard location.

As we discussed, the "South" underground fuel oil storage bunker, (identified as Tank #1 on our FP-290 Notification, Fire Dept. ID# 05201), has developed a blockage at the suction inlet inside the bunker. Polaroid proposes to restore to service the "North" underground fuel oil storage bunker, (identified as Tank #2 on FP-290, ID# 05201) for a period of 90 days, in order to perform the appropriate maintenance on the "South" bunker.

After reviewing the sections of 527 CMR 9.05 and 9.07, highlighted in your fax of 1/30/97, it is Polaroid's contention that, due to the nature of its construction, leak testing of the "North" bunker is not possible using currently available testing methods. The pressurized piping system, which has secondary containment, is a common piping line for both bunkers and has never been out of service.

Therefore, Polaroid is requesting approval to restore the "North" bunker to service as soon as possible.

Please contact me @ (617) 386-7374 if you have any questions.

Sincerely,  
POLAROID CORPORATION  
*Richard L. Chandler*  
Richard L. Chandler  
Division Environmental Mgr

APPROVED:

*Paul Leger* 2-3-97  
Deputy Chief Paul Leger, New Bedford Fire Department

Polaroid Corporation  
100 Duchaine Boulevard  
New Bedford, Massachusetts 02745



May 22, 1997

Deputy Chief Paul Leger  
City Of New Bedford  
New Bedford Fire Prevention Bureau  
181 Hillman Street  
New Bedford, MA 02740

Dear Deputy Chief Leger:

The purpose of this letter is to confirm our telephone conversation on Thursday, 5/19/97, notifying the New Bedford Fire Department of Polaroid Corporation's desire to have Clean Harbors remove liner material, in accordance with DEP standards and CMR 9, from a fuel oil underground storage bunker at its 100 Duchaine Boulevard location.

As we previously discussed, the "South" underground fuel oil storage bunker, (identified as Tank #1 on our FP-298 Notification, Fire Dept. ID# 05201), had developed a blockage at the suction inlet inside the bunker. Polaroid received your approval to restore to service the "North" underground fuel oil storage bunker, (identified as Tank #2 on FP-298, ID# 05201) for a period of 90 days, in order to perform the appropriate maintenance on the "South" bunker.

Polaroid is requesting approval to remove the liner material from the "South" bunker, in preparation for an upgrading project currently in the design stage. Polaroid is also requesting approval to indefinitely continue the "in service" status of the "North" bunker, pending resolution of the "South" bunker upgrade.

Please contact me @ (617) 386-7374 if you have any questions.

Sincerely,  
POLAROID CORPORATION

*Richard L. Chandler*  
Richard L. Chandler  
Division Environmental Mgr.

APPROVED:

*Paul Leger*

Deputy Chief Paul Leger, New Bedford Fire Department



Form FP 6 Rev. 12/97

#21389  
The Commonwealth of Massachusetts  
Department of Fire Services  
Office of the State Fire Marshal  
P.O. Box 1025, State Road, Stow, MA 01775  
**APPLICATION FOR PERMIT**



Date: Dec. 16, 19 98

New Bedford  
(City or Town)

Permit No NA  
(If Applicable)

DIG SAFE NUMBER  
M.G.L. C. 82, S. 40

NA

Start Date \_\_\_\_\_

In accordance with the provisions of M.G.L. Chapter 148, as

provided in Section CMR #9 application is hereby made

by Polaroid Corporation  
(Full name of person, Firm or Corporation)

Address 100 Duchaine Blvd.  
(Street or P.O. Box)

New Bedford  
(City or Town)

For permission to install: 3 - 22,740 gal. ea. rectangular horizontal steel tanks with #6 fuel oil  
(TO BE INSTALLED IN A CONCRETE BUNKER BELOW COOLING TOWERS)

State clearly  
purpose for  
which permit  
is requested

Name of competent operator  
(If Applicable)

Cert. No. \_\_\_\_\_

Date Issued 12/15 19 98

By \_\_\_\_\_

Richard L Chandler  
(Signature of Applicant)

Date of expiration NA 19 \_\_\_\_\_

Fee \$ 75.00 Paid ☒ Due \_\_\_\_\_

**RECEIVED**

NOV 05 2019

City of New Bedford  
Conservation Commission



The Commonwealth of Massachusetts  
Department of Fire Services  
Office of the State Fire Marshal  
Post Office Box 1025, Stow, Massachusetts 01775  
(978) 567-3300 Fax: (978) 567-3199



## Application for Inspection

of plans for construction or installation of tanks in excess of 10,000 capacity,  
for aboveground storage of fluids other than water

Note: Application must be submitted in triplicate. **MINIMUM FEE ONE HUNDRED DOLLARS PER TANK WITH A CAPACITY OF NOT MORE THAN 100,000 GALLONS.** For each gallon over 1,000 an additional fee of one dollar shall be paid per gallon. Two sets of plans must accompany this application. When approved this application becomes the permit to build, install or repair tank. When tank has been built, tested and approved, a certification for it's use will be issued. Please enclose all materials and send to:

Office of the State Fire Marshal, Code Compliance Unit, P.O. Box 1025, Stow, MA 01775

Name of applicant for permit Polaroid Corporation  
Business address of applicant 100 Duchaine Boulevard New Bedford, MA 02745  
Location of Tank In concrete bunker below cooling towers  
Description of tank Three rectangular horizontal steel tanks height of length 38'x8'  
Capacity in gallons 68,220 gal (22,740 gal ea.) fee \$300 diameter 10'  
Kind of fluid to be stored in tank Number 6 Fuel Oil  
State number and title of plans submitted 3 sets NB2 Oil Tank Upgrade, Polaroid Corp. New Bedford

Material Specification for Roof ASTM-A-36 Shell ASTM-A-36 Bottom ASTM-A-36  
Types of joints Butt, Corner, Lap, Tee  
Welding rod number AWS ER70S-6 Has welding procedure been submitted Yes  
Thickness of Shell rings and number of rings 5/16" Tensile strength 58,000  
Thickness of Roof 5/16" of Bottom 5/16" Tensile strength 58,000  
Description of retaining basin and its capacity not applicable

Has a permit been issued by the local authority yes Signature Paul Regan Deputy  
Has local Fire Chief been consulted Paul Regan Deputy  
Approve signature Disapproved signature

Manufacture of the tank Containment Solutions  
Business address 6740 Bay Meadow Drive Glen Burnie, MD 21060

Tank to be Manufacture according to A.P.I. 650/UL 142 A.S.M.E. n/a 527 CMR 9.00 Yes  
Signature of applicant or agent Dallen M. Jarland

Business address of applicant or agent POLAROID CORPORATION, 100 DUCHAINE BLVD, NEW BEDFORD MA, 02745

PERMIT TO BUILD, INSTALL OR REPAIR TANK:

APPROVED: Ch H Kelly C.F.O. 9/24/98  
State Fire Marshal or his designee

State Tag # \_\_\_\_\_ File # 0010

Print Last Name \_\_\_\_\_ Social Security Number \_\_\_\_\_

I certify under the penalties of perjury that to the best of my knowledge and belief I have filed all state tax returns and paid all state taxes required under the law.

Signature Della M. Garland Date 2 Sept 98

NOTE: PERMIT WILL NOT BE ISSUED UNLESS THIS ATTESTATION HAS BEEN COMPLETED AND SIGNED BY THE OWNER. (AUTHORITY: C. 82C, S, 49A M.G.L. AS AMENDED BY CHAPTER 233, ACTS OF 1983)

**Checklist**

Please remember to include all of the following and mail to Office of the State Fire Marshal, Code Compliance Unit, P.O. Box 1025, Stow, MA 01775

- ☐ Application in triplicate.
- ☐ FEE - MINIMUM FEE ONE HUNDRED DOLLARS PER TANK WITH A CAPACITY OF NOT MORE THAN 100,000 GALLONS. For each gallon over 1,000 an additional fee of one dollar shall be paid.
- ☐ Two sets of plans.

**Notification for Removal or Closure of In Place Storage Tanks Regulated Under 527 CMR 9.00**

Forward completed form, signed by local fire department, to: **Mass. UST Compliance Unit, Dept. of Fire Services, P.O. Box 1025 - State Road, Stow, MA 01775**

Telephone (978) 567-3710

(Fire Department retains one copy of FP-290R)

Fire Dept. Use Only

Date Received: 9/24/99  
Fire Dept. ID# 05201  
Fire Dept. Sig. [Signature]

This form is to be used for notification for removal of Underground Storage Tanks/ Piping.

If a storage facility has UST's which are to remain in use, an entire amended FP-290 (long form) must be filed.

Note: "Facility street address" must include both a street number and a street name. Post office box numbers are not acceptable, and will cause a registration to be returned. If geographic location of facility is not provided, please indicate distance and direction from closest intersection, e.g., (facility at 199 North Street is located) 400 yards southeast of Commons Road (Intersection).

State Use Only

A. Facility Number \_\_\_\_\_  
B. Date Entered \_\_\_\_\_  
C. Clerk's Initials \_\_\_\_\_  
D. Comments \_\_\_\_\_

**I. OWNERSHIP OF TANK(S)**

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

POLAROID CORPORATION

Street Address

100 DUCHAINE BOULEVARD

NEW BEDFORD MA 02745

City State Zip Code

BRISTOL

County

781-386-7374

Phone Number (Include Area Code)

Owner's Employer Federal ID #

**II. LOCATION OF TANK(S)**

If known, give the geographic location of tanks by degrees, minutes, and seconds. Example: Lat. 42, 36, 12 N Long. 85, 24, 17W

Latitude 41, 42, 56 N Longitude 70, 57, 20 W

Distance and direction from closest intersection (see note above)

POLAROID CORPORATION

Facility Name or Company Site Identifier, as applicable

100 DUCHAINE BOULEVARD

Street address (P.O. Box not acceptable - see note above)

NEW BEDFORD MA 02745

City State Zip Code

BRISTOL

County

**III. TANKS/PIPING REMOVED OR FILLED IN PLACE**

Tank Number	Tank No. <u>1</u>	Tank No. <u>2</u>	Tank No. <u>3</u>	Tank No. _____	Tank No. _____
1. Tank/Piping removed or filled in place (mark all that apply)					
A. Substance last stored	<u>#6 FUEL</u>	<u>#6 FUEL</u>	<u>#2 FUEL</u>		
B. Tank capacity gallons	<u>167,000</u>	<u>168,000</u>	<u>38,000</u>		
C. Estimated date last used (mo./day/yr.)	<u>12/30/98</u>	<u>2/15/97</u>	<u>6/30/92</u>		
D. Estimated date of removal (mo./day/yr.)	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>		
E. Tank was removed from ground	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. Tank was not removed from ground	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tank was filled with inert material	<u>NA</u>	<u>NA</u>	<u>NA</u>	<input type="checkbox"/>	<input type="checkbox"/>
Describe material used:	<u>SEE ATTACHED (7/13/98 - PARSONS I+T GROUP)</u>				
G. Piping was removed from ground	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H. Piping was not removed from ground	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I. Other, please specify					



A. Evidence of leak detected

B. Mass. DEP notified

1. Mass. DEP tracking number

2. Agency or company performing contamination assessment \*

\*327 CMR 9.07 (J), see "Commonwealth of Massachusetts, Underground Storage Tank Closure Assessment Manual" April 9, 1996  
DEP Policy #WSC-402-86

☒ Yes ☐ No

☐ Yes ☒ No

☐ Yes ☒ No

☒ Yes ☐ No

☐ Yes ☒ No

☐ Yes ☒ No

☒ Yes ☐ No

☐ Yes ☒ No

☐ Yes ☒ No

☐ Yes ☐ No

☐ Yes ☐ No

☐ Yes ☐ No

☐ Yes ☐ No

☐ Yes ☐ No

☐ Yes ☐ No

I declare under penalty of perjury that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative (Print)

Signature: :

Date:

STEPHEN A KELLES  
DIRECTOR OF MANUFACTURING  
OPERATIONS



9/20/99

**PARSONS INFRASTRUCTURE & TECHNOLOGY GROUP INC.**

---

30 Dan Road • Canton, Massachusetts 02021-2809 • (781) 401-3200 • Fax: (781) 401-2575

September 3, 1998

Mr. Richard Chandler  
Environmental Manager  
Polaroid Corporation  
100 Duchaine Boulevard, Bldg NB1  
New Bedford, MA 02745

Project: NB2 Oil Tanks Installation  
New Bedford, MA  
Job No. 732140-02000

SUBJECT: Abandonment In-Place of Concrete Bunkers Classified  
as Underground Storage Tanks (UST)  
Letter No. PP-23

Dear Mr. Chandler:

The purpose of this letter is to present the possible consequences of abandonment in-place of two concrete bunkers that are classified as UST, in accordance with Board of Fire Prevention Regulations.

**BACKGROUND**

The Board of Fire Prevention Regulations, 527CMR9.07(J)(1), requires that Underground Storage Tanks (UST) which are to be abandoned in-place must be filled with a concrete slurry mix or other inert material approved by the Marshall.

The USTs consist of three concrete bunkers, ten feet deep, with a common concrete slab foundation. The bunkers are separated with one-foot thick concrete walls, and are covered with a concrete roof.

- The two larger bunkers are each nominally 50 ft. x 50 ft. in plan, and have a storage capacity of 150,000 gallons. The roofs of these bunkers each support a cooling tower. Low concrete walls (18 inches) constructed around the perimeter enable the roofs to also serve as a basin for the collection of the cooling tower condensate water. The south bunker has been cleaned out, and will be used as a vault for the construction of three 23,000 gallon steel fuel oil storage tanks. The north bunker is proposed to be abandoned in place after all oil has been pumped out. The bunker will not be used for oil storage effective December 22, 1998.

- The third bunker is nominally 20 ft. x 20 ft. in plan with a storage capacity of 40,000 gallons, and is located on the east side of the north bunker. Any oil previously stored in this bunker has been pumped out, the bunker has been cleaned and is proposed to be abandoned in place.

#### **POSSIBLE CONSEQUENCES OF ABANDONMENT IN-PLACE BY FILLING WITH CONCRETE**

Soil conditions underlying the site of the existing USTs are described in a report prepared by Haley & Aldrich Inc. in June 1995 (Ref. 1). The report recommends an allowable bearing pressure of 3,000 psf for shallow foundations (footings and mats) constructed at this area of the Polaroid site. Estimated settlement at this bearing pressure is 1 inch total and 3/4 inch differential.

The maximum foundation loading which the soils underlying the existing USTs have experienced is approximately 1,200 psf. This includes the weight of concrete structure, fuel oil, cooling tower, and water contained in the cooling tower basin. If the north 150,000 gallon UST and the 40,000 gallon UST are filled with concrete, the foundation loading will become non-uniform. Soil bearing pressure below the concrete-filled north end of the structure will increase to about 2,500 psf., whereas the soil bearing pressure below the south end of the structure will reduce to less than 1,000 psf. This non-uniform loading will tend to produce non-uniform settlement of the structure towards the heavier north end. The magnitude of differential settlement is expected to be on the order of 1/2 inch.

Differential movement of this magnitude could be a concern with respect to the existing cooling water piping which runs underground from the boiler house to the cooling tower basin pump chamber and the fuel oil piping that runs underground from the boiler house to the pump room adjacent to the concrete bunkers. These rigid, heavy-wall pipes could be overstressed and might fail if subjected to excessive movement where they enter the concrete structure. In addition, differential movement could overstress portions of the structure itself, resulting in damage or failure.

If cracks should occur within the structure, leakage of cooling water either through the basin to the South bunker or through the wall of the sluice and wet well to the surrounding soils could result. In either case, the cooling tower could be rendered inoperative and could be damaged sufficiently so as to necessitate its demolition. Should the existing cooling tower become inoperative or require demolition, Polaroid would have to incur the expense of its replacement and the potential loss of production for lack of process cooling capability.

Mr. Richard Chandler  
Polaroid Corporation  
September 3, 1998  
Page 3

If you have any questions regarding the contents of this letter, please feel free to contact me at (781) 401-2555.

Very truly yours,

PARSONS INFRASTRUCTURE & TECHNOLOGY GROUP, INC.

Damodar R. Pandit, P.E.  
Chief Civil & Structural Engineer

REF. 1      Haley & Aldrich Inc. Report on Subsurface Investigations and Foundation  
Design Recommendations, Polaroid Corporation, NB2 Utilities Improvements,  
New Bedford, MA, 19 June 1995.

cc:          Richard Trinidad, Polaroid  
William Bodtman, Parsons  
Anil Wagle, Parsons

VL Approval for Above Ground

Above ground ??

VL Listing for on site

Secondary Containment - 3 tanks →

→ 24,000 gal.

License for Fuel oil ??

State - UST Program.

12/97  
Proposed fuel  
Storage

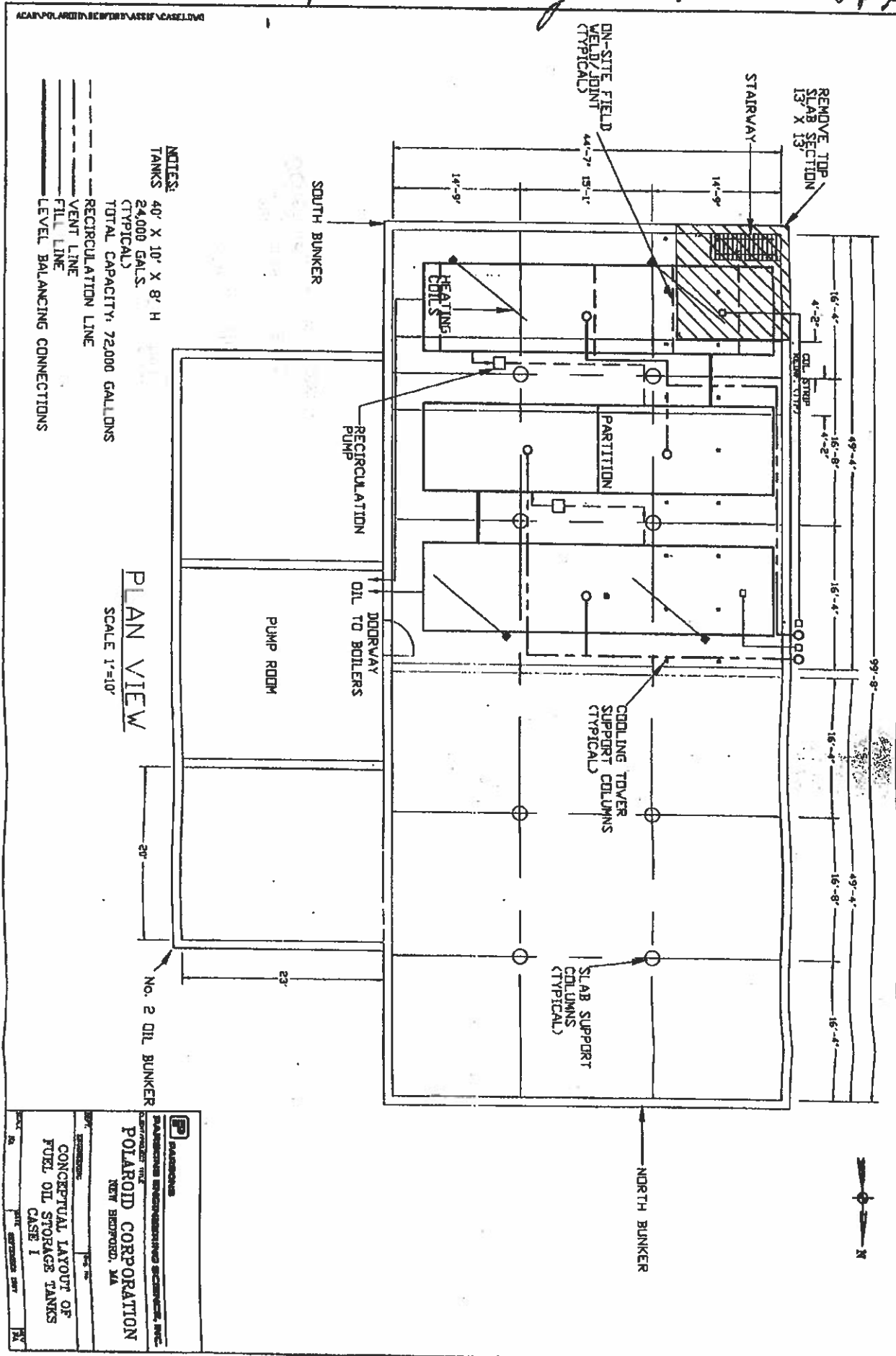
71  
2/387

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Conservation Commission

Proposed Fuel Storage - *Exc.* 1997

Dep. Lynn

# 21389





# 21389  
COMMONWEALTH OF MASSACHUSETTS  
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SOUTHEAST REGIONAL OFFICE

WILLIAM F. WELD  
Governor

ARGEO PAUL CELLUCCI  
Lt. Governor

TRUDY COXE  
Secretary

DAVID B. STRUHS  
Commissioner

URGENT LEGAL MATTER: PROMPT ACTION NECESSARY  
CERTIFIED MAIL: RETURN RECEIPT REQUESTED

COPY

November 6, 1996

Polaroid Corporation  
50 Duchaine Boulevard  
New Bedford, Massachusetts

RE: NEW BEDFORD--BWSC  
50 Duchaine Boulevard  
Building NB#6  
RTN: 4-12617

NOTICE OF RESPONSIBILITY  
M.G.L. c. 21E, 310 CMR 40.0000

ATTENTION: Jeanne Benjamin

On November 4, 1996, at 5:20 p.m., the Department of Environmental Protection (the "Department") received oral notification of a release and/or threat of release of oil and/or hazardous material at the above referenced property which requires one or more response actions. The after burners in the coating production line were not in the right position, allowing approximately 1,100 pounds of ethyl acetate to vent to the atmosphere.

The Massachusetts Oil and Hazardous Material Release Prevention and Response Act, M.G.L. c.21E, and the Massachusetts Contingency Plan (the "MCP"), 310 CMR 40.0000, require the performance of response actions to prevent harm to health, safety, public welfare and the environment which may result from this release and/or threat of release and govern the conduct of such actions. The purpose of this notice is to inform you of your legal responsibilities under State law for assessing and/or remediating the release at this property. For purposes of this Notice of Responsibility, the terms and phrases used herein shall have the meaning ascribed to such terms and phrases by the MCP unless the context clearly indicates otherwise.

The Department has reason to believe that the release and/or threat of release which has been reported is or may be a disposal site as defined by the M.C.P. The Department also has reason to believe that you (as used in this letter, "you" and "your" refers

to Polaroid Corporation) are a Potentially Responsible Party (a "PRP") with liability under M.G.L. c.21E §5, for response action costs. This liability is "strict", meaning that it is not based on fault, but solely on your status as owner, operator, generator, transporter, disposer or other person specified in M.G.L. c.21E §5. This liability is also "joint and several", meaning that you may be liable for all response action costs incurred at a disposal site regardless of the existence of any other liable parties.

The Department encourages parties with liabilities under M.G.L. c.21E to take prompt and appropriate actions in response to releases and threats of release of oil and/or hazardous materials. By taking prompt action, you may significantly lower your assessment and cleanup costs and/or avoid liability for costs incurred by the Department in taking such actions. You may also avoid the imposition of, the amount of or reduce certain permit and/or annual compliance assurance fees payable under 310 CMR 4.00. Please refer to M.G.L. c.21E for a complete description of potential liability. For your convenience, a summary of liability under M.G.L. c.21E is attached to this notice.

You should be aware that you may have claims against third parties for damages, including claims for contribution or reimbursement for the costs of cleanup. Such claims do not exist indefinitely but are governed by laws which establish the time allowed for bringing litigation. The Department encourages you to take any action necessary to protect any such claims you may have against third parties.

At the time of verbal notification to the Department, the following response actions were approved as an Immediate Response Action (IRA):

- Assessment only.

#### ACTIONS REQUIRED

Additional submittals are necessary with regard to this notification including, but not limited to, the filing of a written IRA Plan, IRA Completion Statement and/or a Response Action Outcome (RAO) statement. The MCP requires that a fee of \$750.00 be submitted to the Department when an RAO statement is filed greater than 120 days from the date of initial notification. Specific approval is required from the Department for the implementation of all IRAs and Release Abatement Measures (RAMs). Assessment activities, the construction of a fence and/or the posting of signs are actions that are exempt from this approval requirement.

In addition to oral notification, 310 CMR 40.0333 requires that a completed Release Notification Form (BWSC-103, attached) be submitted to the Department within sixty (60) calendar days of November 4, 1996.



You must employ or engage a Licensed Site Professional (LSP) to manage, supervise or actually perform the necessary response actions at this site. You may obtain a list of the names and addresses of these licensed professionals from the Board of Registration of Hazardous Waste Site Cleanup Professionals at (617) 556-1145.

Unless otherwise provided by the Department, potentially responsible parties ("PRP's") have one year from the initial date of notification to the Department of a release or threat of a release, pursuant to 310 CMR 40.0300, or from the date the Department issues a Notice of Responsibility, whichever occurs earlier, to file with the Department one of the following submittals: (1) a completed Tier Classification Submittal; (2) a Response Action Outcome Statement or, if applicable, (3) a Downgradient Property Status. The deadline for either of the first two submittals for this disposal site is **November 4, 1997**. If required by the MCP, a completed Tier I Permit Application must also accompany a Tier Classification Submittal.

This site shall not be deemed to have had all the necessary and required response actions taken unless and until all substantial hazards presented by the release and/or threat of release have been eliminated and a level of No Significant Risk exists or has been achieved in compliance with M.G.L. c.21E and the MCP.

If you have any questions relative to this notice, please contact Dan Crafton at the letterhead address or at (508) 946-2865. All future communications regarding this release must reference the following Release Tracking Number: **4-12617**.

Very truly yours,



Richard F. Packard, Chief  
Emergency Response / Release  
Notification Section

P/DC/jt

CERTIFIED MAIL #P606 845 527  
RETURN RECEIPT REQUESTED

Attachments: Release Notification Form; BWSC-103 and Instructions  
Summary of Liability under M.G.L. c.21E

cc: City of New Bedford  
Office of the Mayor  
City Hall  
133 William Street  
New Bedford, MA 02740

cc: City of New Bedford  
Health Department  
181 Hillman Street  
New Bedford, MA 02740

City of New Bedford  
Fire Department  
868 Pleasant Street  
New Bedford, MA 02740

DEP - SERO  
ATTN: Andrea Papadopoulos, Deputy Regional Director

DEP - SERO - BWSC  
ATTN: Data Entry



William F. Weld  
Governor  
Trudy Coxe  
Secretary, EOEA  
David B. Struhs  
Commissioner

Commonwealth of Massachusetts  
Executive Office of Environmental Affairs  
**Department of  
Environmental Protection**  
Southeast Regional Office

#21389  
**RECEIVED**

NOV 05 2019

City of New Bedford  
Conservation Commission

URGENT LEGAL MATTER: PROMPT ACTION NECESSARY  
CERTIFIED MAIL: RETURN RECEIPT REQUESTED

**COPY**

July 1, 1996

Polaroid Corp.  
50 Duchaine Boulevard  
N.Bedford, Massachusetts 02745-1201

RE: NEW BEDFORD--BWSC  
50 Duchaine Boulevard  
RTN: 4-12272

NOTICE OF RESPONSIBILITY  
M.G.L. c. 21E, 310 CMR 40.0000

On June 22, 1996, at 10:10 a.m., the Department of Environmental Protection (the "Department") received oral notification of a release and/or threat of release of oil and/or hazardous material at the above referenced property which requires one or more response actions.

The Massachusetts Oil and Hazardous Material Release Prevention and Response Act, M.G.L. c.21E, and the Massachusetts Contingency Plan (the "MCP"), 310 CMR 40.0000, require the performance of response actions to prevent harm to health, safety, public welfare and the environment which may result from this release and/or threat of release and govern the conduct of such actions. The purpose of this notice is to inform you of your legal responsibilities under State law for assessing and/or remediating the release at this property. For purposes of this Notice of Responsibility, the terms and phrases used herein shall have the meaning ascribed to such terms and phrases by the MCP unless the context clearly indicates otherwise.

The Department has reason to believe that the release and/or threat of release which has been reported is or may be a disposal site as defined by the M.C.P. The Department also has reason to believe that you (as used in this letter, "you" and "your" refers to Polaroid Corp.) are a Potentially Responsible Party (a "PRP") with liability under M.G.L. c.21E §5, for response action costs. This liability is "strict", meaning that it is not based on fault, but solely on your status as owner, operator, generator,

cc: City of New Bedford  
Health Department  
181 Hillman Street  
New Bedford, MA 02740  
ATTN: Dr. David Constantine

City of New Bedford  
Fire Department  
868 Pleasant Street  
New Bedford, MA 02740  
ATTN: Chief Roger Nadeau

DEP - SERO  
ATTN: Andrea Papadopoulos, Deputy Regional Director



Commonwealth of Massachusetts  
Executive Office of Environmental Affairs  
**Department of  
Environmental Protection**  
Southeast Regional Office

William F. Weld  
Governor  
Trudy Coxe  
Secretary, EOE  
Thomas B. Powers  
Acting Commissioner

COPY

RECEIVED (10)

NOV 05 2019

City of New Bedford  
Conservation Commission

April 13, 1995

Richard L. Chandler  
Polaroid Corporation  
100 Duchaine Boulevard  
New Bedford, Massachusetts 02745

RE: NEW BEDFORD--WSC/ASM-4-10113  
Polaroid Power Plant  
100 Duchaine Boulevard  
NOTICE OF NON-COMPLIANCE/  
NOTICE OF AUDIT FINDINGS  
M.G.L. c.21E and MCP,  
310 CMR 40.0000  
NON-SE-95-3041

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**NOTICE OF NON-COMPLIANCE/NOTICE OF AUDIT FINDINGS**

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*This is an important Notice. Failure to take adequate action in response to this Notice could result in serious legal consequences.*

Dear Mr. Chandler:

The Department of Environmental Protection (the "Department"), on October 4, 1994, issued a Notice of Audit/Request for Information informing you (as used herein "you" refers to the Polaroid Corporation) that the Department was conducting an audit of certain activities related to the above-referenced disposal site pursuant to 310 CMR 40.1100. That audit is now complete. The purpose of this Notice is to inform you that, as a result of the audit, the Department has determined that activity occurred at the site which is in non-compliance with one or more laws, regulations, orders, licenses, permits, or approvals enforced by the Department. The activity which is in non-compliance and the measures the Department wants you to take to come into compliance are described in the Notice of Non-Compliance. In addition, the audit identified certain deficiencies in response actions conducted at the subject site. The deficiencies and measures you should take to address them, if any, are also described below.

The audit included a review of the following:

- Notification Requirements.
- Immediate Response Actions (IRA).
- Risk Characterization.
- Response Action Outcome (RAO) Statement.

The audit consisted of the following activities:

- A review of documents contained in the Department's files including the reports titled "Fuel Oil Release Characterization, Underground Storage Tanks, 100 Duchaine Boulevard, New Bedford, Massachusetts" dated January 1994 and "New Bedford-WSC/ASM-4-10113, Polaroid Power Plant Building, 100 Duchaine Boulevard, Response to the Notice of Audit/Request for Information" dated October 1994, both prepared by GZA GeoEnvironmental, Incorporated (GZA) and a class B-1 RAO Statement prepared by John J. Spirito, Licensed Site Professional (LSP) Number 8403.
- A Notice of Audit/Request for Information dated October 4, 1994.

#### SITE SUMMARY

The area of the three (3) concrete underground storage tanks (the "Site") is located west of the Polaroid Power Plant Building (Polaroid) located on Duchaine Boulevard in New Bedford, Massachusetts. Two (2) of the tanks have a capacity of approximately 150,000 gallons and contain number 6 fuel oil. The third tank has a capacity of 40,000 gallons and contains number 2 fuel oil.

In December 1986, GZA conducted a subsurface investigation in the vicinity of the underground storage tanks. The investigation consisted of the execution of nine (9) borings, the installation of three (3) well points and eight (8) monitoring wells and the collection, field screening and analysis of soil, groundwater and surface water samples. Review of the data revealed that total volatile organics ranged between 0.6 and 5.8 parts per million (ppm) in the soil, methane ranged between 0.05 and 8.20 ppm in the samples collected from the wetlands and the well installed by Polaroid, and total petroleum hydrocarbons (TPH) existed at a concentration of 920 ppm in the sample collected from the vertical corrugated metal observation pipe (CMP) located south of the underground storage tanks. Additionally, a sample was collected from the CMP and submitted to ERCO for hydrocarbon fingerprinting. Review of this data revealed that number 6 fuel oil was present in the groundwater.

At Polaroid's request, GZA monitored groundwater conditions at the site every year since 1987. The monitoring program consisted of the measurement of depth to groundwater and separate phase product, if applicable in each monitoring well, the visual observation of a groundwater sample from each well for evidence of a sheen or oil globules, the field screening of groundwater samples for temperature and the collection of groundwater samples for analysis of TPH. Review of the data revealed that depth to groundwater ranged between 3 and 10 feet below grade, approximately

0.06 feet of separate phase product existed on the groundwater surface in one monitoring well located west of the underground storage tanks on November 23, 1993, the temperature of the groundwater ranged between 10 and 29 °C and TPH concentrations ranged between none detected and 22 ppm. Additionally, samples were collected from the monitoring wells on November 23, 1993 and January 6, 1994 for analysis of semi-volatile organics and purgeable aromatics, respectively. Review of this data revealed that total BTEX existed in one well at a concentration of approximately 15 parts per billion.

Note: This summary is based on the information contained in the Department's files.

#### **AUDIT FINDINGS**

On the basis of the information reviewed during the course of the audit and in reliance upon the accuracy of that information, the Department has identified both violations and deficiencies with one or more laws, regulations, orders, licenses, permits or approvals enforced by the Department as described below.

**I. Violations.** The following Notice of Non-Compliance contains a description of each activity identified during the audit which is in non-compliance, the requirements violated, the action the Department now wants you to take, and the deadline for taking such action.

#### **NOTICE OF NON-COMPLIANCE NON-COMPLIANCE SUMMARY NON-8E-95-3041**

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#### **ENTITY IN NON-COMPLIANCE**

Polaroid Corporation  
100 Duchaine Boulevard  
New Bedford, Massachusetts 02754

#### **LOCATION WHERE NON-COMPLIANCE OCCURRED OR WAS OBSERVED**

Polaroid Power Plant Building  
100 Duchaine Boulevard  
New Bedford, Massachusetts 02745

**DATES WHEN NON-COMPLIANCE OCCURRED AND DESCRIPTION OF ACTIVITIES IN NON-COMPLIANCE**

Relative to a release of oil encountered during the monitoring of the groundwater in the vicinity of the three (3) underground fuel oil storage tanks at the above referenced site, the Department has identified the following violations:

1. By November 23, 1993, you failed to notify the Department of your intention to conduct an Immediate Response Action (IRA) at the above referenced site.
2. On January 21, 1994, a Response Action Outcome (RAO) Statement was submitted to the Department for the subject site. According to the RAO Statement, the Licensed Site Professional (LSP) of record for this site, Mr. John J. Spirito, provided an opinion that a Class B-1 RAO has been achieved. Pursuant to 310 CMR 40.1046(1) a Class B-1 RAO Statement is applicable when a level of No Significant Risk has been achieved at a disposal site without conducting remedial actions or imposing Activity and Use Limitations. However, based on the information provided, you have not demonstrated that separate phase product no longer exists at the site and that a level of No Significant Risk has been achieved.
3. By January 20, 1994, you failed to submit documentation pursuant to 310 CMR 40.1403(3)(f) which demonstrates the Chief Municipal Officer and the Board of Health in the community(ies) in which the disposal site is located and any other communities which are likely to be affected by the disposal site have been notified of the availability of the RAO Statement filed pursuant to 310 CMR 40.1000 for the site.

**DESCRIPTION OF REQUIREMENTS NOT COMPLIED WITH**

1. 310 CMR 40.0420(3)(a) requires Potentially Responsible Parties, Responsible Parties and Other Persons to inform the Department of their intention to conduct an IRA required pursuant to 310 CMR 40.0412 at the time of notification of a 2 or 72 hour release as described in 310 CMR 40.0311 through 310 CMR 40.0314.
2. 310 CMR 40.1004 requires a RAO Statement be supported by assessment activities conducted pursuant to 310 CMR 40.0000 which are of sufficient scope, detail and level of effort to demonstrate that all the requirements of the applicable class of RAO pursuant to 310 CMR 40.1000 have been met.
3. 310 CMR 40.1403(3)(f) requires documentation be submitted to the Department which demonstrates that the Chief Municipal Officer and the Board of Health in the community(ies) in which the disposal site is located and any other communities which are likely to be affected by the disposal site have been notified of the availability of the RAO Statement filed pursuant to 310 CMR 40.1000 for the site.



**DESCRIPTION OF AND DEADLINE FOR ACTIONS TO BE TAKEN**

1. Within thirty (30) days of receipt of this Notice, submit to the Department documentation which demonstrates that the Chief Municipal Officer and the Board of Health in which the disposal site is located and any other communities which are likely to be affected by the disposal site have been notified of the availability of the RAO Statement filed with the Department pursuant to 310 CMR 40.1000.
2. Within sixty (60) days of receipt of this Notice, conduct additional assessment activities at the above referenced disposal site which include at a minimum, the execution of three (3) borings in the vicinity of the monitoring well designated as GZA-5 on Figure 2 titled "Exploration Location Plan" dated December 1986 and prepared by GZA. The borings shall be of sufficient depth to determine whether or not separate phase product still exists at the site and samples should be collected as appropriate for field screening and analysis by a Massachusetts State Certified Laboratory.
3. Within ninety (90) days of receipt of this Notice, submit to the Department copies of all documentation generated as a result of the additional assessment activities described in item two (2) above.

**II. Deficiencies.** The Department also identified the deficiencies listed below and the actions required.

1. **Deficiency:** A discrepancy exists regarding page 1 of the Fuel Oil Release Characterization Report dated January 1994 and Figure 2 titled "Exploration Location Plan" dated December 1986, both prepared by GZA. Specifically, the text of the Report indicates that wetlands are located north, west and east of the underground storage tanks while the Exploration Location Plan depicts the existence of wetlands to the north, south and west of the underground storage tanks.

**Action(s) Required:** Specify the direction of the wetlands with respect to the underground storage tanks and modify the Exploration Location Plan, if necessary.

2. **Deficiency:** The source of the odors identified in the monitoring wells designated as GZA-2 and GZA-4 on the Exploration Location Plan was not identified.

**Action(s) Required:** Provide documentation which identifies the source of the odors in the above referenced monitoring wells.

3. Deficiency: An explanation which addresses the source (i.e., a cracked tank, tank overfilling, etc.) of the soil and groundwater contamination at the site was not provided.

Action(s) Required: Provide written documentation (i.e., tightness testing data) which addresses the cause of the soil and groundwater contamination at the site.

4. Deficiency: Table 1 titled "Comparison of Groundwater Screening Results, November 23, 1993, Underground Storage Tank Area, Polaroid Corporation, New Bedford, Massachusetts" contained in the Fuel Oil Release Characterization Report dated January 1994 references GZA Reports dated March 1987, August 1988 and May 1989.. However these reports were not provided to the Department.

Action(s) Required: Submit to the Department copies of the reports referenced above.

5. Deficiency: A Chain of Custody (COC) was not provided to support the samples collected on December 12, 1986, December 18, 1986, January 2, 1987, January 6, 1987, January 13, 1987, January 15, 1987 and June 23, 1988. Furthermore, the COC provided for the April 27, 1989 sampling episode does not include the sample locations and times and is therefore incomplete. The laboratory certificates generated by ERCO for the samples received on January 2, 5 and 6, 1987 do not specify the extraction and analysis date. The test methods employed by GZA Environmental Chemistry Laboratory and Rhode Island Analytical for the analysis of the samples collected in December 1986 and June 1988, respectively were not specified on the laboratory analytical certificates. The analytical data associated with the analysis of the soil samples collected from borings GZA-2, GZA-5 and GZA-6A in January 1987 were expressed on a wet weight basis. The duplicate sample collected from monitoring well GZA-4 on April 27, 1989 was not labelled as a blind duplicate and the COC for the May 27, 1992 sampling episode indicated that a sample was collected from the well designated as POW-1 installed by Polaroid for the analysis of TPH, however this data was not provided.

Action(s) Required: Future sample collection and analysis must be conducted in strict accordance with 310 CMR 40.0017.

6. Deficiency: Analytical data generated from the sampling of the well points and the CMPs was used to support the RAO Statement for this site and are not representative sampling locations.

Action(s) Required: No further action is required.

#### DEADLINES FOR RETURNING TO COMPLIANCE

You are advised to correct the violations (I) in the Notice of Noncompliance Summary within the time frames specified and to correct the deficiencies (II) within thirty (30) days of receipt of this Notice. Your response must include appropriate evidence and documentation as specified herein.

**DO NOT IGNORE THIS NOTICE.** Failure to correct the violations and the deficiencies identified and provide documentation of such action to the Department may subject you, your officers and employees to enforcement action by the Department. The Department may conduct a follow-up audit to determine whether the required actions have been taken and the violations and the deficiencies corrected. If the Department finds that the violations and deficiencies have not been corrected, it may then issue additional Notices of Non-Compliance (NON), a Notice of Intent to Assess a Civil Administrative Penalty (PAN), an administrative enforcement order, a Notice of Responsibility (NOR), a Notice of Intent to take Response Action (NORA), an Administrative Consent Order, an Unilateral Order, or seek a Judicial Judgement as appropriate. You may also be subject to cost recovery under 310 CMR 40.1200 for failure to perform response actions at the disposal site.

A copy of this Notice has been sent to the LSP of record for your disposal site. You may consult with the LSP of record when preparing a response to this Notice. Note, however, that you, not your LSP, are obligated to respond to this Notice and remedy the violations and the deficiencies specified herein. Note that any submittals to the Department made in response to this Notice must include the certification enclosed signed by an authorized individual as specified in 310 CMR 40.0009.

**Additional Comments.** The list below contains observations and recommendations from the Department on the response actions that were audited. These observations and recommendations do **NOT** constitute deficiencies or violations and require no response to the Department from you. Instead, they are included to help you and your LSP better understand the Department's interpretation of M.G.L. c.21E. 310 CMR 40.0000, and other requirements to applicable to the site.

1. According to the Fuel Oil Characterization Report, the presence of oil and hazardous materials (OHM) at the site is limited to the area below the groundwater table, Method 1 Risk Characterization Standards are available for the OHM of concern at the site and pursuant to 310 CMR 40.0982(5) a Method 1 Risk Characterization has been conducted for the site. 310 CMR 40.0982(5) refers to a Method 2 Risk Characterization whereby Method 1 Standards may be used in combination with Method 2 Standards.

### LIMITATIONS

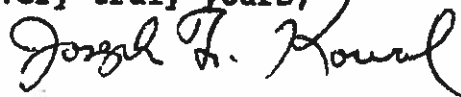
These findings do not apply to response actions or other aspects of the site that were not reviewed in the audit. These findings do not in any way constitute a release from liability under M.G.L. c. 21E, the MCP, or any other law, regulation, or requirement. This audit does not preclude future audits of past, current, or future response actions or activities at the site.

No portion of this Notice shall be construed to relieve any person from an obligation for Response Action Costs or damages related to a site or disposal site for which that person is liable under M.G.L. c. 21E or from any obligation for any administrative, civil or criminal penalty, fine, settlement, or other damages.

No portion of this Notice shall be construed to limit the Department's authority to take or arrange, or to require any Responsible Party or Potentially Responsible Party to perform, any response action authorized by M.G.L. c. 21E which the Department deems necessary to protect health, safety, public welfare or the environment.

If you have any questions regarding this Notice or any requirements specified herein please contact Laura Stanley at (508) 946-2880. Please reference the Release Tracking Number (4-10113) in any correspondence regarding the site.

Very truly yours,



Joseph F. Kowal, Chief  
Audit and Site Management Section

K/LAS/re

CERTIFIED MAIL # Z 309 604 211  
RETURN RECEIPT REQUESTED

Enclosure: Certificate of Submittal

cc: New Bedford Health Department  
181 Hillman Street  
New Bedford, MA 02740  
ATTN: Dr. David Constantine, Chairman

Office of the Mayor  
City Hall  
133 Williams Street  
New Bedford, MA 02740  
ATTN: Honorable Rosemary Tierney, Mayor

GZA GeoEnvironmental, Incorporated  
140 Broadway  
Providence, RI 02903  
ATTN: John J. Spirito, LSP

cc: DEP - Boston  
ATTN: Steve Winslow, BWSC

DEP - SERO  
ATTN: Andrea Papadopoulos, Deputy Regional Director

DEP - SERO  
ATTN: Richard Packard, ER

DEP - SERO  
ATTN: Data Entry



# 2/389

Commonwealth of Massachusetts  
Executive Office of Environmental Affairs  
**Department of  
Environmental Protection**  
Southeast Regional Office

William F. Weld  
Governor

Trudy Cox  
Secretary, EDEA

Thomas B. Powers  
Acting Commissioner

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NOV 05 2019

City of New Bedford  
Conservation Commission

April 24, 1995

David P. Swanson  
Environmental Protection Manager  
Polaroid Corporation  
50 Duchaine Boulevard, NB6  
New Bedford, Massachusetts 02745

RE: NEW BEDFORD--Recycling Permit  
No. S-95-005, Transmittal No. 104244,  
Site ID# MAD058060476, 310 CMR  
30.200, Regulated Recyclable  
Material

Dear Mr. Swanson:

Enclosed please find a Class A recycling permit issued to:  
Polaroid Corporation High Resolution Media Manufacturing, 50 Duchaine  
Boulevard, NB6, New Bedford, Massachusetts 02745, which authorizes the  
management of regulated recyclable materials. This permit is issued  
pursuant to G.L. c. 21C and 310 CMR 30.200.

Please read this document carefully as it stipulates the particular  
activities for which the permit is issued as well as the general and  
specific conditions governing those activities.

If you object to the terms and conditions of this permit you must  
contact the Department within 10 days of the receipt of this letter,  
otherwise you will be deemed to have assented to the permit as issued. The  
permit shall then become valid and binding as of the effective date shown  
on page one of the permit.

Should you have any questions, please contact Mark R. Poudrier of this  
office at (508) 946-2821.

Very truly yours,

*John K. Winkler, Jr.*  
Christopher Tilden, P.E.  
Regional Engineer for Waste Prevention

T/MRP/re

Enclosure

CERTIFIED MAIL NO. Z 309 604 216  
RETURN RECEIPT REQUESTED

-2-

cc: DEP-BWP  
ATTN: James Miller  
(Enclosure)

Health Dept.  
Hazardous Waste Coordinator  
1213 Purchase Street  
New Bedford, MA 02740  
(Enclosure)

Polaroid Corporation  
50 Duchaine Blvd., NB6  
New Bedford, MA 02745  
ATTN: Jeanne M. Benjamin, Environmental Engineer  
(Enclosure)



Permit No. S-95-005  
Page 1 of 9 Pages

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF HAZARDOUS WASTE



## RECYCLING PERMIT

Polaroid Corporation High  
Resolution Media Manufacturing  
Name of Permittee

50 Duchaine Blvd., NB6,  
New Bedford, MA 02745  
Mailing Address

David P. Swanson  
Contact Person

April 24, 1995  
Effective Date

A S-95-005  
Class Permit No.

[REDACTED]  
Phone Number

April 24, 2000  
Expiration Date

MAD058060476  
EPA Identification No.

\*\*\*\*\*  
This is to certify that the above named company is authorized to manage regulated recyclable materials pursuant to G.L. c21C and 310 CMR 30.200.

This permit authorizes recycling of the following materials only:

<u>Material Description</u>	<u>EPA Waste Code</u>	<u>Amount</u>
Methyl Ethyl Ketone	F005	5,800,000 gallons/year
Ethyl Acetate	F003	
Other Solvents as Listed in Application	D001	

### DESCRIPTION OF RECYCLING OPERATIONS

Batches of waste solvents generated on-site are recycled in a completely enclosed distillation system for re-use as a cleansing solvent. Waste solvents not scheduled for re-use shall be managed as a hazardous waste in accordance with 310 CMR 30.000.

### LOCATION OF RECYCLING OPERATIONS

Polaroid Corporation High  
Resolution Media Manufacturing  
50 Duchaine Blvd., NB6  
New Bedford, MA 02745



General Conditions of Recycling Permit

- I. The permittee shall have all equipment installed in accordance with all applicable Federal, State and local regulations. The equipment site must have proper fire and explosion protection features, must have proper ventilation and provide easy access to all significant parts of the equipment.
- II. The permittee shall install, operate and maintain recycling equipment in accordance with all recommendations provided by the manufacturer.
- III. Permittee shall not alter the recycling device.
- IV. Permittee shall not allow material to be introduced into the recycling device, other than those which have been specifically enumerated by the manufacturers or that would result in inadequate performance of the device.
- V. The permittee shall satisfy all applicable conditions of 30.200. They include but are not limited to the following:
  - (1) Duty to Comply. The permittee shall comply at all times with the terms and conditions of the permit, 310 CMR 30.000, MGL c. 21C, MGL c. 21E, and all other applicable State and Federal statutes and regulations.
  - (2) Duty to Maintain. The permittee shall always properly operate and maintain all facilities, equipment, control systems, and vehicles which the permittee installs or uses.
  - (3) Duty to Halt or Reduce Activity. The permittee shall halt or reduce activity whenever necessary to maintain compliance with 310 CMR 30.200 or the permit conditions, or to prevent an actual or potential threat to public health, safety, or welfare, or the environment.
  - (4) Duty to Mitigate. The permittee shall remedy and shall act to prevent all potential and actual adverse impacts to persons and the environment resulting from noncompliance with the terms and conditions of the permit. The permittee shall repair at his own expense all damages caused by such noncompliance.

- (5) Duty to Provide Information. The permittee shall provide the Department, within a reasonable time, any information which the Department may request and which is deemed by the Department to be relevant in determining whether a cause exists to modify, revoke, or suspend a permit, or to determine whether the permittee is complying with the terms and conditions of the permit.
- (6) Entries and Inspections. The permittee shall allow personnel or other authorized agents of the Department or authorized EPA representatives, upon presentation of credentials or other documents as may be required by law, to:
- (a) Enter at all reasonable times any premises, public or private for the purposes of investigation, sampling or inspecting any records, condition, equipment, practice, or property relating to activities subject to MGL c. 21C, MGL c.21E, or RCRA, as amended; and
  - (b) Enter at any time such premises for the purpose of protecting the public health, safety or welfare, or the environment; and
  - (c) Have access to and copy at all reasonable times all records that are required to be kept pursuant to the conditions of the permit, and all other records relevant to the permittee's hazardous waste activity or to the permittee's activity involving regulated recyclable material.
- (7) Records. All records and copies of all applications, reports, and other documents required by 310 CMR 30.200 shall be kept by the permittee for at least three (3) years from the expiration of the permit. This period shall be automatically extended for the duration of any enforcement action. This period may be extended by order of the Department. All record-keeping shall be in compliance with 310 CMR 30.007.
- (8) Continuing Duty to Inform. The permittee shall have a continuing duty to immediately:
- (a) correct any incorrect facts in an application; and


- (b) report or provide any omitted facts which should have been submitted; and
  - (c) in advance, report to the Department each planned change in the permitted facility or activity which might result in noncompliance with 310 CMR 30.200 or with a term or condition of the permit; and
  - (d) report to the Department any cessation of the permitted activity.
- (9) Preventing and Reporting Releases Into the Environment. No materials that are to be recycled shall be intentionally released into the environment or otherwise disposed of within Massachusetts except in full compliance with all applicable provisions of 310 CMR 30.000 and C. 21C. All accidental releases of recyclable material shall be immediately reported to the Department and to all other persons to whom such releases must be reported pursuant to State or Federal laws or regulations.
- (10) Compliance with the Application and the Terms of the Permit. Except where 310 CMR 30.200 or other conditions of the permit provide otherwise, the materials that are to be recycled shall be recycled in the manner described in the application for the permit and in no other manner, and in compliance with all conditions of the permit. There shall be no change in the procedure of recycling without the prior express written approval of the Department.
- (11) Transportation of Recyclable Material. Unless otherwise specified, all transportation of recyclable material, and preparation of all recyclable material for transportation, shall be in full compliance with U.S. Department of Transportation and other Federal regulations, and all State regulations, governing the transportation of hazardous materials.

- (12) Annual Reporting. All permittees shall submit to the Department an annual report covering all recyclable material they handle. Each annual report shall be submitted to the Department no later than March 1 for the proceeding calendar year. The permittee shall use the form prescribed by the Department for Annual Reports submitted in compliance with 310 CMR 30.205(12). All annual reports shall include at least the following information:
- (a) The EPA identification number of the generator; and
  - (b) The name, address, and EPA identification number of the facility to which recyclable material was sent; and
  - (c) Identification of all recyclable material recycled at the site of generation. Such identification shall include the EPA listed name or description, the EPA hazardous waste number, the DOT hazard class, and the amount of material recycled; and
  - (d) Identification of all recyclable material shipped to off-site facilities. Such identification shall include the EPA listed name or description, the EPA hazardous waste number, the DOT hazard class, the amount of recyclable material transported, and the facility to which it was transported; and
  - (e) The name and EPA identification number of the transporters used.
- (13) Dust Suppression and Road Treatment. The use of regulated recyclable material for dust suppression or road treatment is prohibited. The provisions set forth in 310 CMR 30.205(9) shall apply to such activity.
- (14) Speculative Accumulation. Speculative accumulation is prohibited. The permittee shall make and keep records that will adequately demonstrate that there has occurred no speculative accumulation. Such records shall include, but not be limited to, the following:

SPECIAL CONDITIONS

- (1) The permittee is authorized only to handle the Class A regulated recyclable material described in this permit in accordance with 310 CMR 30.220 Requirements Governing Class A Regulated Recyclable Materials. The Department must be notified immediately of any changes or modifications in material composition, amount or operation of recycling activities.
- (2) Each tank or container in which regulated recyclable material is being accumulated or stored and each outside container into which small containers are packed shall be clearly marked and labelled throughout the period of accumulation or storage in accordance with 310 CMR 30.206(1).
- (3) Previously issued Recycling Permit No. S-92-032 dated October 21, 1992 is hereby made void by the issuance of Recycling Permit No. S-95-005 approved herein.
- (4) Please note that the Department reserves the right to revoke or suspend this permit if the above special conditions are not met.

THIS PERMIT AUTHORIZES ONLY THE NAMED PERMITTEE TO ENGAGE IN THE ACTIVITIES DESCRIBED ABOVE AT THE LOCATION DESCRIBED ABOVE. THIS PERMIT DOES NOT GRANT ANY RIGHTS NOT OTHERWISE GRANTED BY FEDERAL, STATE OR LOCAL STATUTES, ORDINANCES, OR REGULATIONS. THE PERMITTEE SHALL COMPLY AT ALL TIMES WITH ALL STATE AND FEDERAL REGULATIONS AND STATUTES APPLICABLE TO THE MANAGEMENT OF REGULATED RECYCLABLE MATERIALS.

  
Christopher Tilden, P.E.  
Regional Engineer for Waste Prevention

Date 4/24/95

APPEAL OF APPROVAL

This Approval is an action of the Department. If you are aggrieved by this action, you may request an adjudicatory hearing. A request for a hearing must be made in writing and postmarked within twenty-one (21) days of the date of issuance of this Approval.

Under 310 CMR 1.01(6)(b), the request must state clearly and concisely the facts which are the grounds for the request, and the relief sought. Additionally, the request must state why the Approval is not consistent with applicable laws and regulations.

The hearing request along with a valid check payable to Commonwealth of Massachusetts in the amount of one hundred dollars (\$100.00) must be mailed to:

Commonwealth of Massachusetts  
Department of Environmental Protection  
P.O. Box 4062  
Boston, MA 02211

The request will be dismissed if the filing fee is not paid, unless the appellant is exempt or granted a waiver as described below.

The filing fee is not required if the appellant is a city or town (or municipal agency), county, or district of the Commonwealth of Massachusetts, or a municipal housing authority.

The Department may waive the adjudicatory hearing filing fee for a person who shows that paying the fee will create an undue financial hardship. A person seeking a waiver must file, together with the hearing request as provided above, an affidavit setting forth the facts believed to support the claim of undue financial hardship.

# 21389  
**NOTICE TO CHIEF OF FIRE DEPARTMENT**

OFFICE OF CITY CLERK New Bedford, Mass., March 3, 1993

**Chief of Fire Department**

Edward Bretschneider, POLAROID CORP.

Application has been made by .....  
for license to use land for the **KEEPING, STORAGE AND SALE OF CRUDE PETROLEUM OR ANY OF ITS PRODUCTS**, under provisions of General Laws, Chapter 148, as amended by Acts of 1936, Chapter 394, and any amendments thereto and a hearing is assigned thereon for Thursday, MARCH 25, 1993

The following description and facts appear in the application filed at this office:

The land on which the license is to be exercised is situated at

100 Duchaine Boulevard

street and number

Building is constructed of concrete and steel

and is used as Manufacturing plant

if garage state capacity

(if lubricatorium, give capacity);

Products of crude petroleum to be kept, as well as number, kind and capacity of containers to be used

SEE ATTACHED APPLICATION

Premises previously licensed by city council 9/14/78  
(date)

site approved

Additional storage covered by this application (kind and quantity) listed below

SEE ATTACHED APPLICATION

Respectfully,

**JANICE A. DAVIDIAN**

City Clerk

**CERTIFICATE OF HEAD OF FIRE DEPARTMENT**

**OFFICE OF CHIEF OF FIRE DEPARTMENT**

New Bedford, Mass. Mar. 26, 1993

To the City Council,

Gentlemen:

I hereby certify my approval of the application for license described above.

My reasons for disapproval are

Respectfully,

*Henry R. Fincham*

Chief of Fire Department

Application for License  
To Use Land for the  
**KEEPING, STORAGE OR SALE OF**  
Products of Crude Petroleum

New Bedford, Mass., February 10, 1993

Under the provisions of General Laws, Chapter 148, as amended, the undersigned hereby makes application for a license to use land for.....  
Keeping and Storage  
(keeping and storage; or keeping, storage and sale)  
of products of crude petroleum, hereinafter specified, the premises, buildings or structures to be used being described as follows:—

The land on which the license is to be exercised is situated at

100 Duchaine Boulevard New Bedford, MA 02745  
(street and number)

Products of crude petroleum to be kept, as well as number, kind and capacity of containers to be used  
additional storage to be included: Class "A" Fluids 25,000 gallons in 5 to 55  
gallon drums & Totes; 80,000 gallons in 8 aboveground tanks 10,000 gallon each. Class  
"B" (#2 Fuel Oil) in 1 underground concrete tank - 38,000 gallons & 2 - 300 gallons each  
diked aboveground metal tanks. Class "C" (#6 Fuel Oil) in 1 underground concrete tank  
- 167,000 gallons & 1 underground concrete tank - 163,000 gallons; propane in 2  
(100lbs each) tanks & 8 (40lbs each) cylinders; lighter-than-air flammable gases in 24  
cylinders (360cu ft each).

Building, if any, is or will be constructed of..... Concrete and Steel

and will be used as .....

(if garage, state capacity)

(if lubricatorium, give capacity)

If filling station, site approved.....

(date)

Signature of applicant.....

*E.S. Bretschneider*

PLANT MGR 2/12/92

Edward Bretschneider

Residence or mail address..... 100 Duchaine Boulevard New Bedford, MA 02745

Premises previously licensed by city council.....

(date)

Additional storage covered by this application (kind and quantity) listed below

47,000 gallons Class "A" fluids; 600 gallons Class "B" #2 Fuel Oil; 520lbs propane;  
8,640 cu ft lighter-than-air flammable gases.



#  
2/389

Polaroid Corporation  
100 Duchaine Boulevard  
New Bedford, Massachusetts 02745

RECEIVED



NOV 05 2019

City of New Bedford  
Conservation Commission

December 3, 1992

Chief Henry Openshaw  
New Bedford Fire Department  
868 Pleasant Street  
New Bedford, MA

RE: Flammable Storage License  
100 Duchaine Blvd.

Dear Chief Openshaw:

With the addition of our new 11X film production facility, we have a need to increase our flammable storage capacity on site. Our current license (attached) permits storage of 58,000 gallons of Class A fluids. Polaroid seeks approval to increase its Class A fluid storage capacity to 105,000 gallons. We also understand that there is a need to include flammable gas storage as part of our license.

The attached drawing (C-177216-3) depicts our total current site flammable storage needs.

We would like to meet with you, at your earliest convenience, to discuss this request and the procedure required for permit modification.

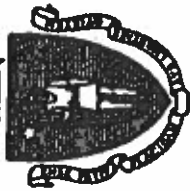
Please contact me @ (508)-998-5657.

Sincerely,

Polaroid Corporation  
*Richard L. Chandler*  
Richard L. Chandler  
Safety/Environmental Mgr.

1992

# The Commonwealth of Massachusetts



Department of Public Safety—Division of Fire Prevention  
1010 COMMONWEALTH AVE., BOSTON

\$250.00

## REGISTRATION

New Bedford  
(City or Town)  
6/10/1992  
(Date)

This is to certify that Petroleum Corp. has, in accordance with the provisions of Chapter 148, Section 13, of the General Laws, filed with me a certificate of registration setting forth that Petroleum Corp. is the holder of the license granted 9/14/1978 for the lawful use of the building(s) or other structure(s) situated or to be situated at Bedford St. New Bedford, Mass.

(Street and Number)

as related to the KEEPING, STORAGE, MANUFACTURE OR SALE OF FLAMMABLES OR EXPLOSIVES.

*Petroleum*

*[Signature]*  
(Signature and Official Title) City Clerk

Note: A certificate of registration must be filed on or before April 30th of each year.

(THIS REGISTRATION MUST BE CONSPICUOUSLY POSTED ON THE PREMISES.)

# CITY OF NEW BEDFORD



## LICENSE

To Use a Building or Other Structure  
for the Keeping, Storage or ~~sale~~ of

## CRUDE PETROLEUM

or any of its Products

Fee \$20.00

UNDER GENERAL LAWS,  
CHAPTER 148, AS AMENDED

This is to certify that on Sept. 14, 1978  
the City Council granted a license to use the land at  
Industrial Park-south end of Duchaine  
Blvd. (Poloroid Property)

on application of

Poloroid Corporation

for keeping, storage or sale of products of crude petro-  
leum, hereinafter specified, the premises, buildings or  
structures to be used being described as follows:

Building is constructed of Concrete pad w/roof  
and is used as Manufacturing Plant

Products of crude petroleum to be kept, as well as number,  
kind and capacity of containers to be used \_\_\_\_\_

Class C (#6 fuel oil) 1 und concrete  
tank 167,000 gals., 1 und tank (concrete)  
163,000 gals., Class B (#2 fuel oil),  
1 und concrete tank 38,000 gals., Class A  
fluids-10,000 gals. in 5 & 55 gal drums  
Class A fluids-1 und tank in 2 sections  
4,000 gals. each- 8,000 gals each.  
Class A fluids-5 und tanks.

Approved subject to compliance with the rules and regula-  
tions as enforced by the Chief of the Fire Department.

*David R. Nelson*

City Clerk

CERTIFICATE OF REGISTRATION MUST BE FILED  
ANNUALLY ON OR BEFORE APRIL 30

POST THIS LICENSE ON LICENSED PREMISES

Site Approved: -----

previous license: 10/22/70

3



The Commonwealth of Massachusetts  
Department of Public Safety  
Division of Fire Prevention and Regulation

APPLICATION FOR PERMIT TO MAINTAIN AN EXISTING/NEW UNDERGROUND  
STORAGE FACILITY

TO: Head of Fire Department

New Bedford  
City, Town or District

April 22, 1991  
Date

Application is hereby made for a permit to maintain an existing/new  
underground storage facility as required by 527 CMR 9.00: Permits.

Location of property: 100 Duchaine Blvd.  
Street Address

Owner of property: Polaroid Corporation  
Full name of person, firm or corporation

Signature of owner or authorized representative: Richard A. Chandler

FEE: \$ 15.00 (M.G.L.A. Chapt. 148 Sec. 10A)

FORM F.P. 290  
(rev. 10/90)

(Fire department's copy to be filed with F.P. 290 Part 2)

City of New Bedford  
Conservation Commission

NOV 05 2019

RECEIVED



# Department of Public Safety Division of Fire Prevention and Regulation

<b>Notification for Underground Storage Tanks</b>		<b>STATE USE ONLY</b>	
Submit to: <b>LOCAL FIRE DEPARTMENT</b>		ID NUMBER FIRE DEPT.	05301
<input checked="" type="checkbox"/> <b>A. NEW FACILITY</b> <input type="checkbox"/> <b>B. AMENDED</b> <input type="checkbox"/> <b>C. CLOSURE</b> <input checked="" type="checkbox"/> No. of tanks at facility <input checked="" type="checkbox"/> No. of continuation sheets attached		DATE RECEIVED	4-22-91
<b>INSTRUCTIONS</b> Please type or print in ink all items except "signature" in section V. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy the following sheets, and staple continuation sheets to the form.		A. Date Entered Into Computer _____ B. Data Entry Clerk Initials _____ C. Owner Was Contacted to Clarify Responses, Comments _____ _____ _____ _____	

## GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1984, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or in the absence of such records, your knowledge, belief, or recollection.

**Who Must Notify?** Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means--

a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

c) if the State agency so requires, any facility that has undergone any changes to facility information or tank system status (only amended tank information needs to be included).

**What Tanks Are Included?** Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. Gasoline, used oil, or diesel fuel, and 2. Industrial solvents, pesticides, herbicides or fumigants.

**What Tanks Are Excluded?** Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;

3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

**What Substances Are Covered?** The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

**Where To Notify?** Completed notification forms should be sent to the address given at the top of this page.

**When To Notify?** 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

**Penalties:** Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

### I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

**POLAROID CORPORATION**  
 Street Address  
**100 DUCHAINE BLVD**  
 City **NEW BEDFORD MA** State **02745**  
**BRISTOL**  
 County  
**(508)-998-5657**  
 Phone Number (Include Area Code)

### II. LOCATION OF TANK(S)

If required by State, give the geographic location of tanks by degree, minutes, and seconds. Examples Lat. 42, 34, 12 N Long. 85, 34, 17 W

Latitude **41, 42, 56 N** Longitude **70, 57, 20 W**

(If same as Section I, mark box here X)

Facility Name or Company Site Identifier, as applicable

**POLAROID CORPORATION**  
 Street Address (R.O. Box not acceptable)  
**100 DUCHAINE BLVD**  
 City **NEW BEDFORD MA** State **02745**  
**BRISTOL**  
 County

III. TYPE OF OWNER		IV. INDIAN LANDS	
<input type="checkbox"/> Federal Government <input type="checkbox"/> State Government <input type="checkbox"/> Local Government	<input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Private	Tanks are located on land within an Indian Reservation or on other trust lands. <input type="checkbox"/>  Tanks are owned by native American nation, tribe, or individual. <input type="checkbox"/>	Tribe or Nation: _____  _____
V. TYPE OF FACILITY			
Select the Appropriate Facility Description			
_____ Gas Station _____ Petroleum Distributor _____ Air Taxi (Airline) _____ Aircraft Owner _____ Auto Dealership	_____ Railroad _____ Federal - Non-Military _____ Federal - Military <input checked="" type="checkbox"/> Industrial _____ Contractor	_____ Trucking/Transport _____ Utilities _____ Residential _____ Farm _____ Other (Explain) _____	
VI. CONTACT PERSON IN CHARGE OF TANKS			
Name	Job Title	Address	Phone Number (Include Area Code)
RICHARD JOYKE	POWER PLANT ENGINEER	POLAROID CORP 100 DUCHANNE BLVD NEW BEDFORD, MA	(508)-998-5647
VII. FINANCIAL RESPONSIBILITY			
I have met the financial responsibility requirements in accordance with 40 CFR Subpart H			<input checked="" type="checkbox"/>
Check All that Apply			
<input checked="" type="checkbox"/> Self Insurance <input type="checkbox"/> Commercial Insurance <input type="checkbox"/> Risk Retention Group	<input type="checkbox"/> Guarantee <input type="checkbox"/> Surety Bond <input type="checkbox"/> Letter of Credit	<input type="checkbox"/> State Funds <input type="checkbox"/> Trust Fund <input type="checkbox"/> Other Method Allowed Specify _____ _____	
VIII. CERTIFICATION (Read and sign after completing all sections)			
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.			
Name and official title of owner or owner's authorized representative (Print) RICHARD L. CHANDLER SR. ENVIRONMENTAL ENGINEER		Signature <i>Richard L. Chandler</i>	Date Signed 3/29/91
EPA estimates public reporting burden for this form to average 30 minutes per response including time for reviewing instructions, gathering and maintaining the data needed and completing and reviewing the form. Send comments regarding this burden estimate to Chief, Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M Street, Washington D.C. 20460, marked "Attention Desk Officer for EPA." This form amends the previous notification form as printed in 40 CFR Part 280, Appendix I.			

# IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification Number	Tank No. <u>1</u>	Tank No. <u>2</u>	Tank No. <u>3</u>	Tank No. _____	Tank No. _____
1. Status of Tank (mark only one)					
Currently in Use	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Temporarily Out of Use (Remember to fill out section IX)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Permanently Out of Use (Remember to fill out section IX)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Amendment of Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Date of Installation (mo./year)	<u>6/70</u>	<u>6/70</u>	<u>6/70</u>		
3. Estimated Total Capacity (gallons)	<u>167,000</u>	<u>163,000</u>	<u>38,000</u>		
4. Material of Construction (Mark all that apply)					
Asphalt Coated or Bare Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cathodically Protected Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Epoxy Coated Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Composite (Steel with Fiberglass)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fiberglass Reinforced Plastic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lined Interior	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Polyethylene Tank Jacket	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Concrete	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Excavation Liner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other, Please specify	<u>FIBERGLASS/ EPOXY COATED</u>	<u>FIBERGLASS/ EPOXY COATED</u>	<u>FIBERGLASS/ EPOXY COATED</u>		
Has tank been repaired?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Piping (Material) (Mark all that apply)					
Bare Steel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Galvanized Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fiberglass Reinforced Plastic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Copper	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cathodically Protected	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Secondary Containment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other, Please specify					
6. Piping (Type) (Mark all that apply)					
Suction: no valve at tank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Suction: valve at tank	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pressure	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gravity Feed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has piping been repaired?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Tank Identification Number	Tank No. <u>1</u>	Tank No. <u>2</u>	Tank No. <u>3</u>	Tank No. _____	Tank No. _____
7. Substance Currently or Last Stored In Greatest Quantity by Volume					
Gasoline	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Diesel	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Gasohol	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Kerosene	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Heating Oil	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>
Used Oil	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other, Please specify	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Hazardous Substance CERCLA name and/or, CAS number	<b>FUEL OIL</b> #6 <b>68553-00-1</b>	<b>FUEL OIL</b> #6 <b>68553-00-1</b>	<b>FUEL OIL</b> #2 <b>68476-30-2</b>	<input type="text"/>	<input type="text"/>
Mixture of Substances Please specify	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>X. TANKS OUT OF USE, OR CHANGE IN SERVICE</b> <b>N/A</b>					
1. Closing of Tank					
A. Estimated date last used (mo./day/year)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
B. Estimate date tank closed (mo./day/year)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
C. Tank was removed from ground	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
D. Tank was closed in ground	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
E. Tank filled with inert material Describe	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
F. Change in service	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2. Site Assessment Completed	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Evidence of a leak detected	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



**XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)**

Tank Identification Number	Tank No. <u>1</u>	Tank No. <u>2</u>	Tank No. <u>3</u>	Tank No. ____	Tank No. ____					
<b>1. Installation</b> <u>N/A</u>										
A. Installer certified by tank and piping manufacturers	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
B. Installer certified or licensed by the implementing agency	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
C. Installation inspected by a registered engineer	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
D. Installation inspected and approved by implementing agency	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
E. Manufacturer's installation check-lists have been completed	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
F. Another method allowed by State agency. Please specify.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
<b>2. Release Detection (Mark all that apply)</b>	<b>TANK</b>	<b>PIPING</b>	<b>TANK</b>	<b>PIPING</b>	<b>TANK</b>	<b>PIPING</b>	<b>TANK</b>	<b>PIPING</b>	<b>TANK</b>	<b>PIPING</b>
A. Manual tank gauging	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
B. Tank tightness testing	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
C. Inventory controls	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
D. Automatic tank gauging	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
E. Vapor monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. Groundwater monitoring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. Interstitial monitoring double walled tank/piping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H. Interstitial monitoring/secondary containment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I. Automatic line leak detectors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
J. Line tightness testing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K. Other method allowed by Implementing Agency. Please specify.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>3. Spill and Overfill Protection</b>										
A. Overfill device installed	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
B. Spill device installed	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**OATH:** I certify the information concerning installation that is provided in section X is true to the best of my belief and knowledge.

Installer:

\_\_\_\_\_  
Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Position

\_\_\_\_\_  
Company

# CITY OF NEW BEDFORD



## LICENSE

To Use a Building or Other Structure  
for the Keeping, Storage or ~~Sale~~ of

## CRUDE PETROLEUM

or any of its Products

Fee \$35.00

UNDER GENERAL LAWS,  
CHAPTER 148, AS AMENDED

This is to certify that on Oct. 22, 1970  
the City Council granted a license to use the land at  
Industrial Park-south end of Duchaine Blvd.  
(Polaroid Property)

on application of  
Polaroid Corp.

for keeping, storage ~~or sale~~ of products of crude petro-  
leum, hereinafter specified, the premises, buildings or  
structures to be used being described as follows:

Building is constructed of concrete  
and is used as manufacturing plant

Products of crude petroleum to be kept, as well as number,  
kind and capacity of containers to be used

Class C (#6 fuel oil): 1 und. concrete tank  
167,000 gals.

1 und. tank-163,000 gals. concrete tank  
Class B (#2 fuel oil): 1 und. concrete tank  
38,000 gals.

Class A fluids-1000 gals. in 5 and 55 gal. drums  
(above ground set on covered concrete pad)

Class A fluids- 1 und. tank in 2 sections

4,000 gals. each  
Class A fluids- 5 und. tanks -8,000 gals. each

Approved subject to compliance with the rules and regula-  
tions as enforced by the Chief of the Fire Department.

*Allen M. Simpson*  
City Clerk

CERTIFICATE OF REGISTRATION MUST BE FILED  
ANNUALLY ON OR BEFORE APRIL 30

POST THIS LICENSE ON LICENSED PREMISES

Site Approved: --

previous license: 6/26/70