

SCANNED

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RECEIVED

APR 28 2010

HALEY &  
ALDRICH

Letter of Transmittal

Date 27 April 2010  
File No. 10063-066  
From Jennifer Sweet

DEP  
NORTHEAST REGIONAL OFFICE

To Massachusetts Department of Environmental Protection  
205B Lowell Street  
Wilmington, Massachusetts 01887

Attention Mr. Jack Miano

Copy to PIP Repositories:  
W.R. Grace & Co.-Conn  
DEP Northeast File Review Office  
Cambridge Main Library  
North Cambridge Library  
City Manager, City of Cambridge; Attn: Robert Healy  
Cambridge Public Health Department; Attn: Sam Lipson  
Alewife Study Group Member; Attn: Lisa Birk  
Alewife Study Group Member; Attn: Joe Joseph  
Alewife Neighbors, Inc. Attn: Mike Nakagawa

Subject W.R. Grace & Co.-Conn.  
62 Whittemore Avenue, One Alewife Center, and  
134 Alewife Brook Parkway  
Cambridge, Massachusetts  
RTNs 3-0277 and 3-3411

Copies	Date	Description
1	26 April 2010	Protective Cover Monitoring Plan (PCMP) Inspection Report No. 24

Transmitted via  First class mail  Overnight express  Hand delivery  Other

Remarks

For your files.

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## HALEY & ALDRICH

26 April 2010  
File No. 10063-066

Massachusetts Department of Environmental Protection  
205B Lowell Street  
Wilmington, Massachusetts 01887

Attention: Jack Miano

Subject: W.R. Grace & Co.-Conn.  
62 Whittemore Avenue, One Alewife Center, and  
134 Alewife Brook Parkway  
Cambridge, Massachusetts  
RTNs 3-0277 and 3-3411

Dear Mr. Miano:

On behalf of W.R. Grace & Co.-Conn., we are submitting the Protective Cover Monitoring Plan (PCMP) Inspection Report No. 24. The Site inspection was completed by Haley & Aldrich on 15 April 2010 in accordance with the PCMP, dated March 2006. Results of the inspection are provided in the attached log report. Please contact the undersigned if you have any questions.

Sincerely yours,  
HALEY & ALDRICH, INC.



Jennifer Sweet  
Senior Engineer

Enclosures:  
PCMP Inspection Report No. 24

c: PIP Repositories:  
W.R. Grace & Co.-Conn  
Cambridge Main Library  
North Cambridge Library  
Cambridge Health Alliance, Cambridge Public Health Department  
City Manager, City of Cambridge; Attn: Mr. Robert Healy  
Cambridge Public Health Department; Attn: Mr. Sam Lipson

**PROTECTIVE COVER MONITORING PLAN INSPECTION REPORT**

<b>Project</b>	W.R. Grace & Co.	<b>Report No.</b>	24
<b>Location</b>	62 Whittemore Avenue, One Alewife Center, 134 Alewife Brook Parkway	<b>Date</b>	15 April 2010
<b>Address</b>	Cambridge, Massachusetts	<b>Page</b>	1 of 6
<b>Client</b>	W.R. Grace & Co.	<b>File No.</b>	10063-066
<b>Weather</b>	Sunny	<b>Temperature</b>	60°
<b>Field Rep.</b>	Jennifer Sweet, Dave Croce		
<b>LSP</b>	John R. Kastrinos, P.G., LSP		

**I. Protective Cover Surface Observations:**

**Area 1 Conditions:**

Yes |  No Is Protective Cover in Area 1 observed to be in same conditions compared to "baseline conditions"? If no, describe change(s) in conditions: \_\_\_\_\_

Yes |  No Are there bare spots, signs of erosion, or large potholes in pavement? (If yes, attach photographs and figure showing location and extent): Describe eroded area or areas of potholes: \_\_\_\_\_

Yes |  No Is there any Asbestos Containing Material (ACM) observed at the ground surface: \_\_\_\_\_

Other Observations: Emergency repairs made during this inspection period - see Section 4.

**Area 2 Conditions:**

Yes |  No Is Protective Cover in Area 2 observed to be in same conditions compared to "baseline conditions"? If no, describe change(s) in conditions: \_\_\_\_\_

Yes |  No Are there bare spots, signs of erosion? (If yes, attach photographs and figure showing location and extent): Describe eroded area or areas of potholes: \_\_\_\_\_

Yes |  No Is there any Asbestos Containing Material (ACM) observed at the ground surface: \_\_\_\_\_

Other Observations: \_\_\_\_\_

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**Area 3 Conditions:**

Yes  No Is Protective Cover in Area 3 observed to be in same conditions compared to "baseline conditions"? If no, describe change(s) in conditions: \_\_\_\_\_

Yes  No Are there bare spots, signs of erosion? (If yes, attach photographs and figure showing location and extent): Describe eroded area or areas of potholes: \_\_\_\_\_

Yes  No Is there any Asbestos Containing Material (ACM) observed at the ground surface: \_\_\_\_\_

Other Observations: \_\_\_\_\_

**Area 4 Conditions:**

Yes  No Is Protective Cover in Area 4 observed to be in same conditions compared to "baseline conditions"? If no, describe change(s) in conditions: \_\_\_\_\_

Yes  No Are there bare spots, signs of erosion? (If yes, attach photographs and figure showing location and extent): Describe eroded area or areas of potholes: \_\_\_\_\_

Yes  No Is there any Asbestos Containing Material (ACM) observed at the ground surface: \_\_\_\_\_

Other Observations: \_\_\_\_\_

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**Area 5 Conditions:**

Yes |  No Is Protective Cover in Area 5 observed to be in same conditions compared to "baseline conditions"? If no, describe change(s) in conditions: \_\_\_\_\_

Yes |  No Are there bare spots, signs of erosion? (If yes, attach photographs and figure showing location and extent): Describe eroded area or areas of potholes: \_\_\_\_\_

Yes |  No Is there any Asbestos Containing Material (ACM) observed at the ground surface: \_\_\_\_\_

Other Observations: \_\_\_\_\_

**Area 6 Conditions:**

Yes |  No Is Protective Cover in Area 6 observed to be in same conditions compared to "baseline conditions"? If no, describe change(s) in conditions: \_\_\_\_\_

Yes |  No Are there bare spots, signs of erosion, or large potholes in pavement? (If yes, attach photographs and figure showing location and extent): Describe eroded area or areas of potholes: \_\_\_\_\_

Yes |  No Is there any Asbestos Containing Material (ACM) observed at the ground surface: \_\_\_\_\_

Other Observations: \_\_\_\_\_

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**Area 7 Conditions:**

Yes  No Is Protective Cover in Area 7 observed to be in same conditions compared to "baseline conditions"? If no, describe change(s) in conditions: \_\_\_\_\_

Yes  No Are there bare spots or signs of erosion? (If yes, attach photographs and figure showing location and extent): Describe eroded area or areas of potholes: \_\_\_\_\_

Yes  No Is there any Asbestos Containing Material (ACM) observed at the ground surface: \_\_\_\_\_

Other Observations: \_\_\_\_\_

**Area 8 Conditions:**

Yes  No Is Protective Cover in Area 8 observed to be in same conditions compared to "baseline conditions"? If no, describe change(s) in conditions: \_\_\_\_\_

Yes  No Are there signs of erosion or large potholes in pavement? (If yes, attach photographs and figure showing location and extent): Describe eroded area or areas of potholes: \_\_\_\_\_

Yes  No Is there any Asbestos Containing Material (ACM) observed at the ground surface: \_\_\_\_\_

Other Observations: \_\_\_\_\_

**PROTECTIVE COVER MONITORING PLAN INSPECTION REPORT**

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**2. Interview with Owner Representative**

Name of Owner's Representative interviewed: DAVE CROCE

Any new buildings or structures on the Site? NO

Any changes in use of the existing buildings? NO

Any changes in use of un-built areas? NO

Any evidence of active recreation? NO

Any current activities that would degrade the Protective Cover? NO

Any evidence of property use for cultivation of fruits and vegetables for human consumption? NO

Has there been any emergency utility work conducted since the last inspection? YES - see below

**3. Maintenance/Repair Actions to be Taken**

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Were changes in the Protective Cover noted during the inspection that require actions to be taken to maintain and/or repair the Cover? If yes, describe:
<hr/> <hr/> <hr/>	

**4. Other Comments:**

Emergency repairs to the steam line were completed between 22 February and 2 March 2010 in Area 1 (see Figure for approximate location). Monitoring activities were reported in the URAM Completion Report, dated 30 March 2010, and submitted to MassDEP. The Protective Cover has been restored. Asbestos was not encountered during the excavation activities.

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<b>LSP</b>	John R. Kastrinos, P.G., LSP		

**ATTACHMENTS:**

(Check off attachments)

Figure 1: PCMP - Site Orthophoto

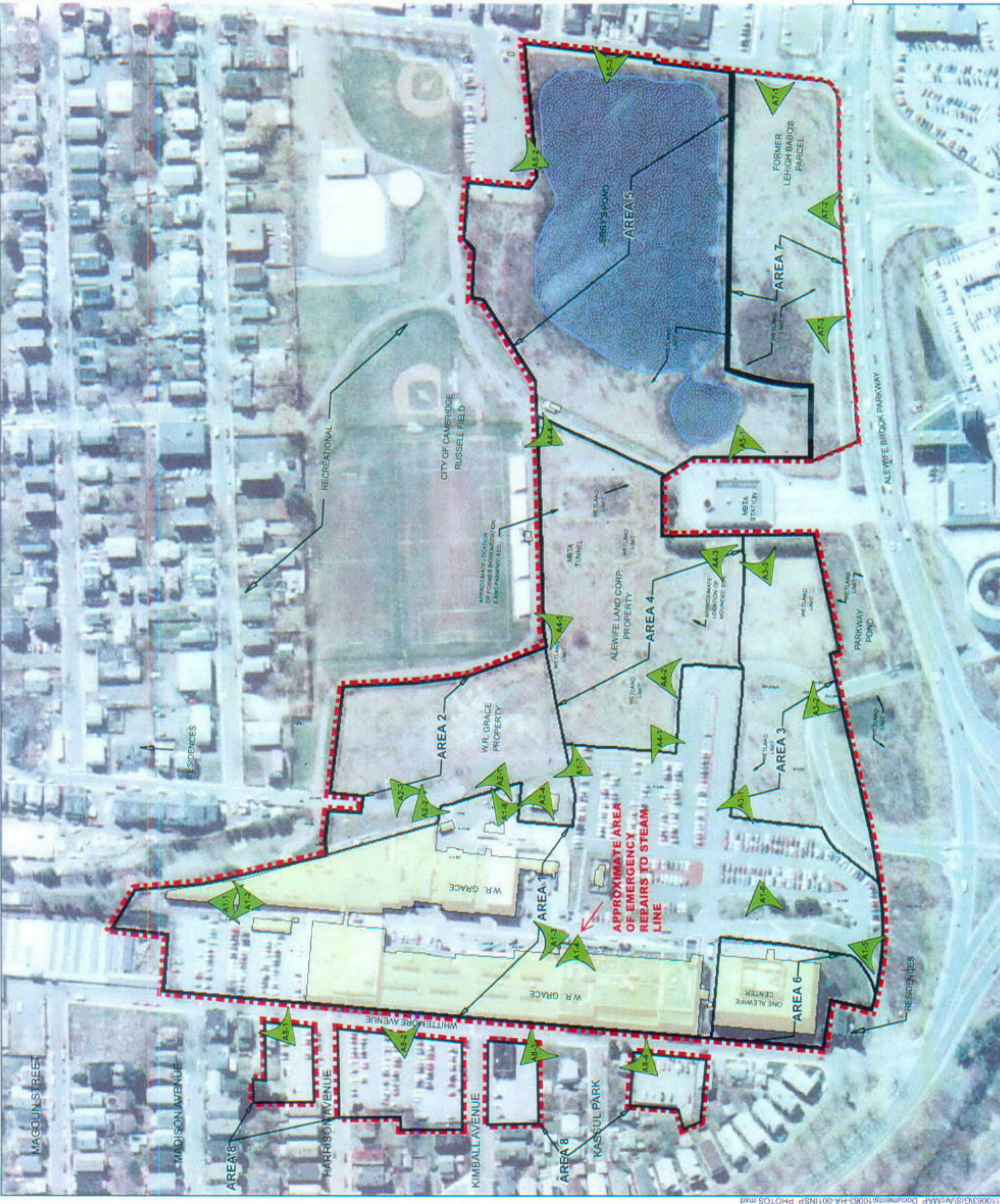
Photographs (List and note photo location/orientation on figure)

\_\_\_\_\_

\_\_\_\_\_

  
Haley & Aldrich, Inc.



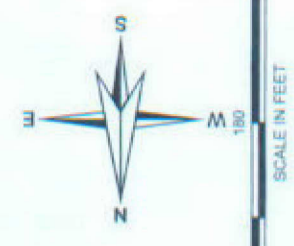


**LEGEND:**

- INSPECTION PHOTOGRAPHS
- DIRECTION OF PHOTOGRAPH PHOTO NUMBER
- EXISTING STRUCTURE
- AREA OF INTEREST
- EXISTING WATER BODY
- APPROXIMATE LIMITS OF AUI

**NOTES:**

1. ALL LOCATIONS, DIMENSIONS AND SITE FEATURES ARE APPROXIMATE.
2. 1/2 METER RESOLUTION ORTHOPHOTOGRAPHY FLOWN IN 2001 OBTAINED FROM THE OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS.



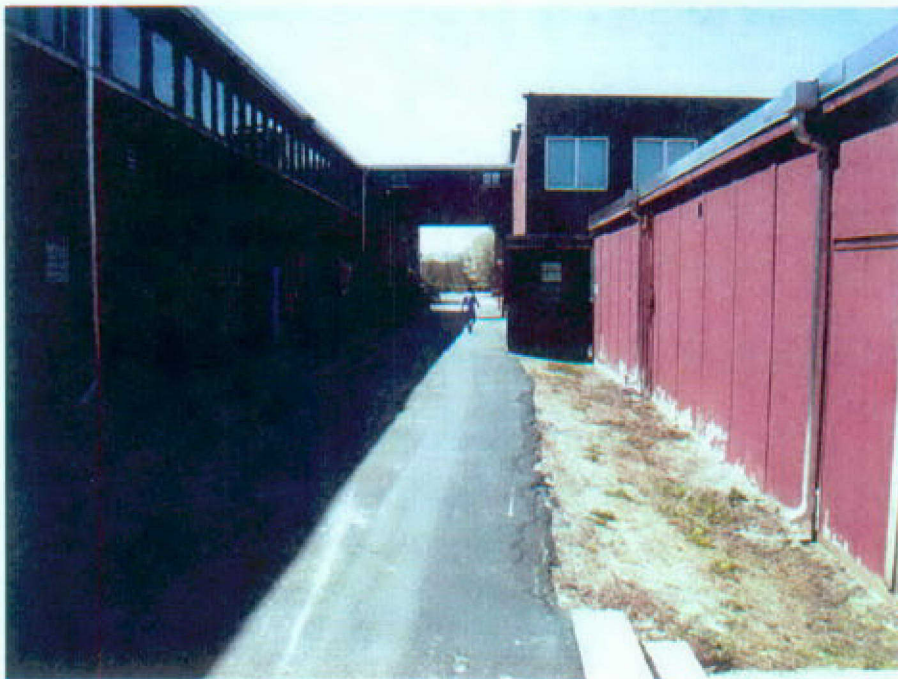
**HALEY & ALDRICH**  
 W.R. GRACE & CO. - CONVA.  
 62 WHITEMORE AVENUE  
 PROTECTIVE COVER MONITORING PLAN  
 CAMBRIDGE, MASSACHUSETTS

**SITE ORTHOPHOTO**

SCALE: AS SHOWN  
 APRIL 2010



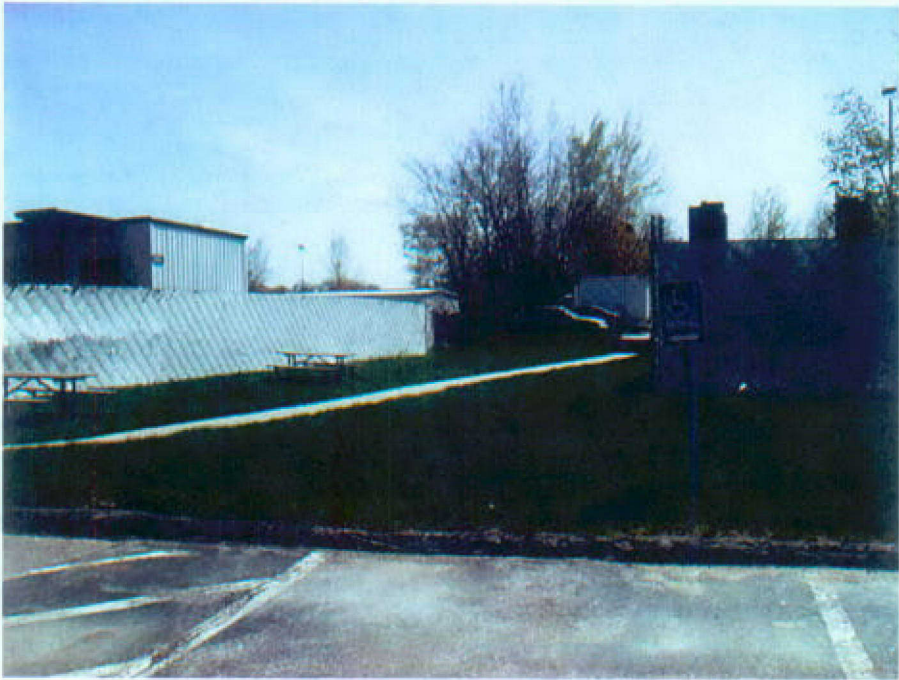
*AI-1*



*AI-2*



AI-3



AI-4



*AI-5*



*AI-6*



AI-7



AI-8



A2-1



A2-2



A2-3



A2-4



A3-1



A3-2





A3-3



A4-1



A4-2



A4-3



A4-4



A4-5



A5-1



A5-2



A5-3



A7-1



A7-2



A7-3



A8-1



A8-2



A8-3



A8-4





*REPAIR AREA*