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**HALEY &
ALDRICH**

19 May 2011
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. 28. Haley & Aldrich completed the site inspection on 4 May 2011 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.



John R. Kastrinos, P.G., LSP
Senior Hydrogeologist

Enclosures
PCMP Inspection Report No. 28

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

Project	W.R. Grace & Co.-Conn.	Report No.	28
Location	62 Whittemore Avenue, One Alewife Center, 134 Alewife Brook Parkway	Date	4 May 2011
Address	Cambridge, Massachusetts	Page	1 of 6
Client	W.R. Grace & Co.	File No.	10063-066
Weather	Clear	Temperature	30s°
Field Rep.	John Kastrinos, Dave Croce		
LSP	John R. Kastrinos, P.G., LSP		

1. 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: Area where City of Cambridge completed their utility work associated with sewer separation has been backfilled to grade (see photograph 1-9). In addition, Grace has remedied the settlement observed around manhole in same area (reported in previous PCMP reports) by backfilling and paving.

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: _____

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Other Observations: _____

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: _____

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2. Interview with Owner Representative

Name of Owner's Representative interviewed: David 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? See previous observations on sewer separation project completed by the City of Cambridge.

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? No

3. Maintenance/Repair Actions to be Taken

Yes <input checked="" type="radio"/> No	Were there 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: _____ _____ _____
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4. Other Comments:

PROTECTIVE COVER MONITORING PLAN INSPECTION REPORT

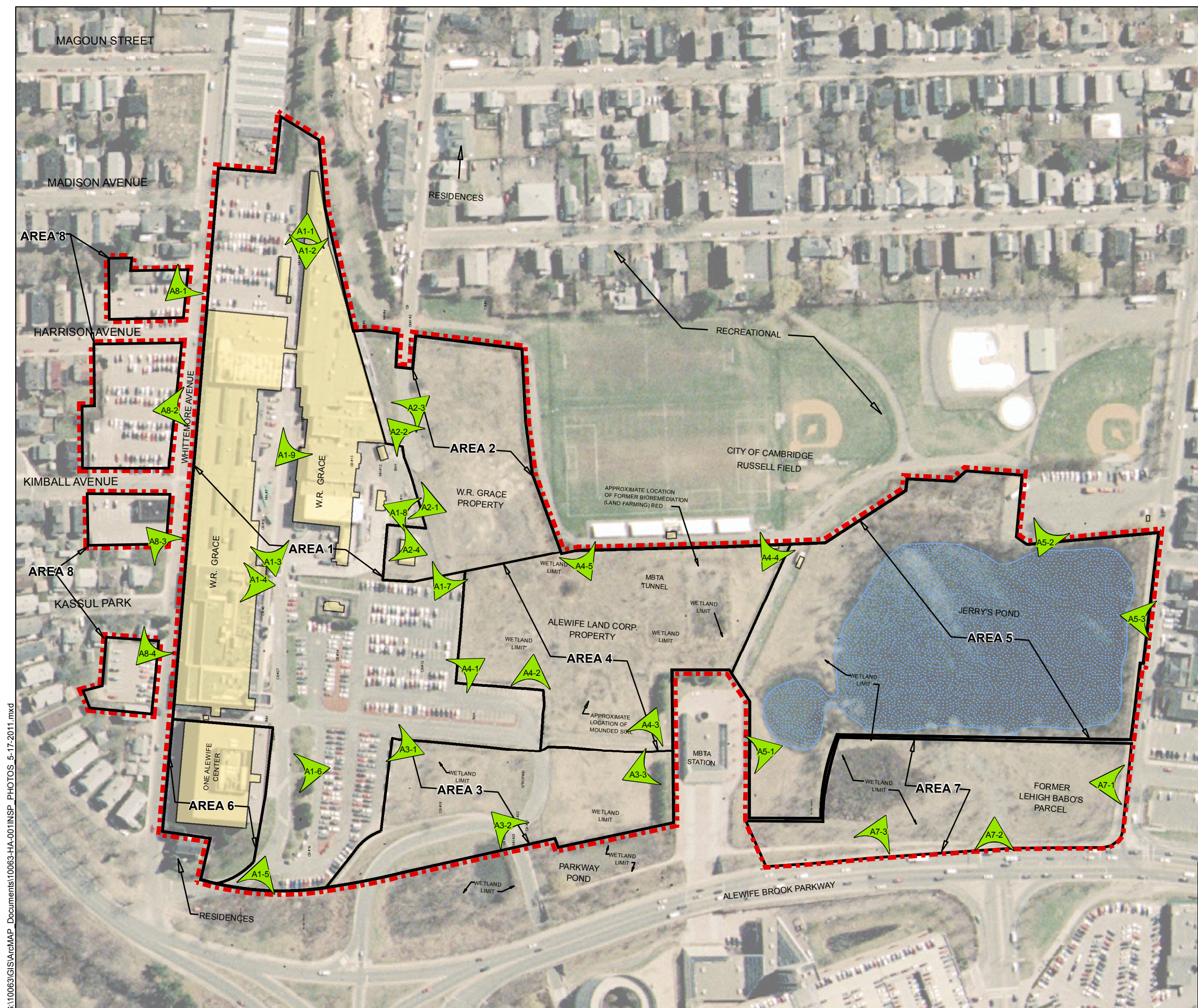
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ATTACHMENTS:

Figure 1: PCMP – Site Orthophoto

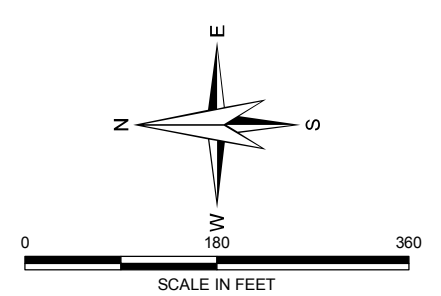
(Check off attachments)

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



- LEGEND:**
- INSPECTION PHOTOGRAPHS
 - DIRECTION OF PHOTOGRAPH
 - PHOTO NUMBER
 - EXISTING STRUCTURE
 - AREA OF INTEREST
 - EXISTING WATER BODY
 - APPROXIMATE LIMITS OF AUL

- 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.
 3. NO PHOTOGRAPHS WERE TAKEN AT LOCATIONS A2-2 AND A4-2.



HALEY & ALDRICH W.R. GRACE & CO. - CONN.
 62 WHITMORE AVENUE
 PROTECTIVE COVER MONITORING PLAN
 CAMBRIDGE, MASSACHUSETTS

SITE ORTHOPHOTO

SCALE: AS SHOWN
 MAY 2011

FIGURE 1

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A1-1



A1-2



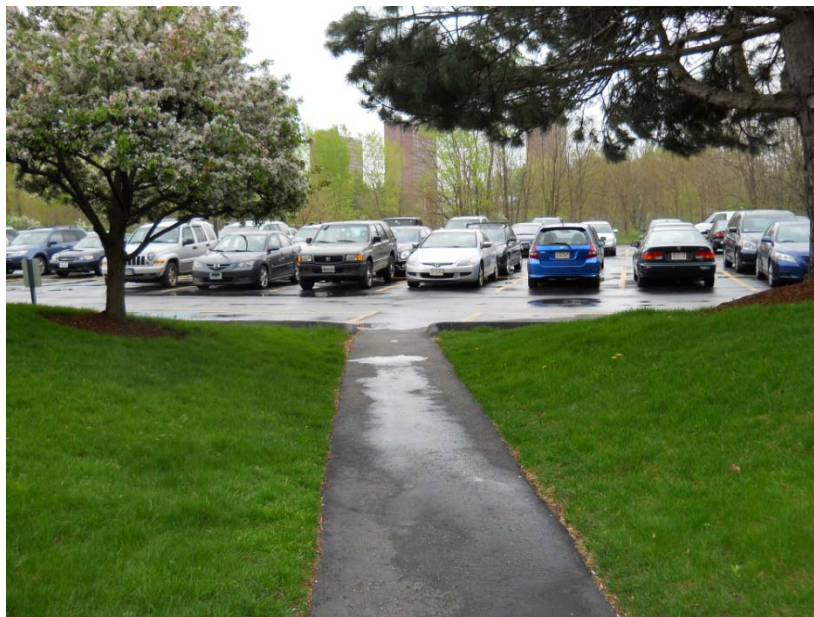
A-3



A1-4



A1-5



A1-6



A1-7



A1-8



A1-9



A2-1



A2-3



A3-1



A-3-2



A-3-3



A4-1



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