### SCANNED

Haley & Aldrich, Inc. 465 Medford St. Suite 2200 Boston, MA 02129-1400

Tel: 617.886.7400 Fax: 617.886.7600 HaleyAldrich.com

# HALEY ALDRICH

### **Letter of Transmittal**

Date	15 December 2010			
File No.	10063-066			
From	Rosemary McCafferty			
То	Massachusetts Depar 205B Lowell Street Wilmington, Massac	tment of Environmental Protection RECEIVED		
Attention	Mr. Jack Miano	De-		
Copy to  Subject	PIP Repositories:  W.R. Grace & CoConn 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 & CoC 62 Whittemore Aven	ue, One Alewife Center, and		
UB	134 Alewife Brook Parkway			
	Cambridge, Massachusetts RTNs 3-0277 and 3-3411			
		30 ALEWIPE BLOOK PRWY		
Copies	Date	Description CAMBRIGE		
1	15 December 2010	Protective Cover Monitoring Plan (PCMP) Inspection Report No. 26		
Transmitte	d via ☐ First class ma	ail ⊠ Overnight express □ Hand delivery □ Other		
Remarks				
For your fi	les.			

RTN 3-3411 130 HEEWITE BROOK PKNY CAMBRINGE

\* PLEASE SEE ALSO!

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## HALEY& ALDRICH

15 December 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. 26. The Site inspection was completed by Haley & Aldrich on 11 November 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.

Rosemary McCafferty Senior Risk Assessor

Enclosures

PCMP Inspection Report No. 26

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

G:\10063\PCMP Inspections\No26-Nov2010\2010-1215-PCMP coverletter\_F.doc

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DEC 16 2010

NORTHEAST REGIONAL OFFICE

Project	W.R. Grace & Co.	Report No.	26
Location	62 Whittemore Avenue, One Alewife Center, 134 Alewife Brook Parkway	Date	11 November 201
Address	Cambridge, Massachusetts	Page	1 of 6
Client	W.R. Grace & Co.	File No.	10063-066
Weather Field Rep.	Clear John R. Kastrinos, Dave Croce	Temperature	40s°
LSP	John R. Kastrinos, P.G., LSP		<i>n</i>
1.	Protective Cover Surface Observations:		
Area 1	Conditions:		
(Yes	No Is Protective Cover in Area 1 observed to be in same co	onditions compared	to "baseline
	conditions"? If no, describe change(s) in conditions:		
Yes			
Yes	Are there bare spots, signs of erosion, or large potholes and figure showing location and extent): Describe erode		
Yes			
Yes			
	and figure showing location and extent): Describe erode	ed area or areas of	potholes:
Yes	and figure showing location and extent): Describe erode	ed area or areas of	potholes:
	and figure showing location and extent): Describe erode	ed area or areas of	potholes:surface:
	and figure showing location and extent): Describe erode  Is there any Asbestos Containing Material (ACM) obser	rved at the ground	surface:
Yes	and figure showing location and extent): Describe erode  Is there any Asbestos Containing Material (ACM) observations: Concrete walkways and steps repla	rved at the ground	surface:
Yes	and figure showing location and extent): Describe erode  Is there any Asbestos Containing Material (ACM) observations: Concrete walkways and steps replated to the Settlement around catch basin repaired by backfilling was a step of the	rved at the ground	surface:
Yes	and figure showing location and extent): Describe erode  Is there any Asbestos Containing Material (ACM) observations: Concrete walkways and steps replated by backfilling was Conditions:  Is Protective Cover in Area 2 observed to be in same containing Material (ACM) observations:	rved at the ground	surface:ge; no soil disturbed ograph CB).
Yes	and figure showing location and extent): Describe erode  Is there any Asbestos Containing Material (ACM) observations: Concrete walkways and steps replated by backfilling was Conditions:  Is Protective Cover in Area 2 observed to be in same containing to the conditions of the condi	rved at the ground aced a wooden brid with stone (see phot	surface:  ge; no soil disturbed ograph CB).
Yes	and figure showing location and extent): Describe erode  No  Is there any Asbestos Containing Material (ACM) observations: Concrete walkways and steps replated by backfilling was Conditions:  Conditions:  Is Protective Cover in Area 2 observed to be in same containing the step of the conditions.	rved at the ground red a wooden brid with stone (see photen	surface:  ge; no soil disturbed ograph CB).
Yes  Area 2	and figure showing location and extent): Describe erode  Is there any Asbestos Containing Material (ACM) observations: Concrete walkways and steps replated by backfilling was a step of steps o	rved at the ground  aced a wooden brid  with stone (see phote	surface:  ge; no soil disturbed ograph CB).  to "baseline
Yes	and figure showing location and extent): Describe erode  No Is there any Asbestos Containing Material (ACM) observations: Concrete walkways and steps replated by backfilling was conditions:  No Is Protective Cover in Area 2 observed to be in same conditions:  No Are there bare spots, signs of erosion? (If yes, attach phenomena)	rved at the ground  aced a wooden brid  with stone (see phote  anditions compared	surface:  ge; no soil disturbed ograph CB).  to "baseline  are showing location
Yes  Area 2	and figure showing location and extent): Describe erode  Is there any Asbestos Containing Material (ACM) observations: Concrete walkways and steps replated by backfilling was a step of steps o	rved at the ground  aced a wooden brid  with stone (see phote  anditions compared	surface:  ge; no soil disturbed ograph CB).  to "baseline  are showing location
Yes  Area 2	and figure showing location and extent): Describe erode  No Is there any Asbestos Containing Material (ACM) observations: Concrete walkways and steps replated by backfilling was conditions:  No Is Protective Cover in Area 2 observed to be in same conditions:  No Are there bare spots, signs of erosion? (If yes, attach phenomena)	rved at the ground  aced a wooden brid  with stone (see phote  anditions compared	surface:  ge; no soil disturbed ograph CB).  to "baseline are showing location

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HALEY& ALDRICH	PROTECTIVE COVER MONITORING PLAN	INSPECTION	REPORT
Project Location Address	W.R. Grace & Co. 62 Whittemore Avenue, One Alewife Center, 134 Alewife Brook Parkway Cambridge, Massachusetts	Report No. Date	26 11 November 2010 2 of 6
Client	W.R. Grace & Co.	File No.	10063-066
Weather Field Rep.	Clear John R. Kastrinos, Dave Croce	Temperature	40s°
LSP	John R. Kastrinos, P.G., LSP		
	Conditions:  Is Protective Cover in Area 3 observed to be in same co	onditions compared	l to "baseline
Yes	No conditions"? If no, describe change(s) in conditions:		
Yes	Are there bare spots, signs of erosion? (If yes, attach phextent): Describe eroded area or areas of potholes:		
Yes	No Is there any Asbestos Containing Material (ACM) obse	250	
-	Other Observations:		
Area 4 (	Conditions:		
Yes	No Is Protective Cover in Area 4 observed to be in same co-conditions"? If no, describe change(s) in conditions:	onditions compared	to "baseline
Yes	No Are there bare spots, signs of erosion? (If yes, attach phenomena): Describe eroded area or areas of potholes:		
Yes	Is there any Asbestos Containing Material (ACM) obse	rved at the ground	surface:
	Other Observations:	700 AVA	

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HALEY& ALDRICH	PROTECTIVE COVER MONITORING PLAN	INSPECTION	REPORT
Project Location	W.R. Grace & Co. 62 Whittemore Avenue, One Alewife Center, 134 Alewife	Report No. Date	26 11 November 2010
Address Client Weather Field Rep. LSP	Brook Parkway Cambridge, Massachusetts W.R. Grace & Co. Clear John R. Kastrinos, Dave Croce John R. Kastrinos, P.G., LSP	Page File No. Temperature	3 of 6 10063-066 40s°
**************************************	onditions:  Is Protective Cover in Area 5 observed to be in same co	onditions compared	to "baseline
Yes	No conditions"? If no, describe change(s) in conditions:	•	
Yes	No  Are there bare spots, signs of erosion? (If yes, attach phenomena): Describe eroded area or areas of potholes:		
Yes	No Is there any Asbestos Containing Material (ACM) obse	rved at the ground	
Area 6 C	onditions:		
Yes	No Is Protective Cover in Area 6 observed to be in same co- conditions"? If no, describe change(s) in conditions:	nditions compared	to "baseline
Yes	No  Are there bare spots, signs of erosion, or large potholes and figure showing location and extent): Describe erode	(A) (3)	AC 7 1776 11
Yes	$\subseteq$		
	Other Observations:		×

HALEY& ALDRICH	PROTECTIVE COVER MONITORING PLAN	INSPECTION	REPORT
Project Location Address Client Weather Field Rep.	W.R. Grace & Co. 62 Whittemore Avenue, One Alewife Center, 134 Alewife Brook Parkway Cambridge, Massachusetts W.R. Grace & Co. Clear John R. Kastrinos, Dave Croce	Report No. Date Page File No. Temperature	26 11 November 2010 4 of 6 10063-066 40s°
LSP	John R. Kastrinos, P.G., LSP		
Area 7 C	onditions:		1. (0)
Yes	No Is Protective Cover in Area 7 observed to be in same co- conditions"? If no, describe change(s) in conditions:		
Yes	No  Are there bare spots or signs of erosion? (If yes, attach and extent): Describe eroded area or areas of potholes:		
Yes	No Is there any Asbestos Containing Material (ACM) obse		-
Area 8 C	Other Observations:onditions:		
Yes	No Is Protective Cover in Area 8 observed to be in same co- conditions"? If no, describe change(s) in conditions:	onditions compared	to "baseline
Yes	No Are there signs of erosion or large potholes in pavement showing location and extent): Describe eroded area or a		
Yes	No Is there any Asbestos Containing Material (ACM) obse	erved at the ground	surface:
L1	Other Observations:		

4.

LDRICH	PROTECTIVE COVER MONITORING PLAN	The state of the s	
ject ation	<ul><li>W.R. Grace &amp; Co.</li><li>62 Whittemore Avenue, One Alewife Center, 134 Alewife</li></ul>	Report No. Date	26 11 November 2010
111011	Brook Parkway	Date	11 November 2010
ress	Cambridge, Massachusetts	Page	5 of 6
nt	W.R. Grace & Co.	File No.	10063-066
ither d Rep.	Clear John R. Kastrinos, Dave Croce	Temperature	40s°
ii Rep.	John R. Kastrinos, P.G., LSP		
	John R. Rasumos, F.O., LSF		
2. 1	interview with Owner Representative		*
Name of 0	Owner's Representative interviewed: <u>David Croce</u>		
Any new	buildings or structures on the Site? No		
Any chan	ges in use of the existing buildings? No	*	·
Any chan	ges in use of un-built areas? No		
Any evide	ence of active recreation? No	urvin uva	<del></del>
Any curre	ent activities that would degrade the Protective Cover? No	V	
Any evide	ence of property use for cultivation of fruits and vegetables for h	uman consumption	? <u>No</u>
Has there	been any emergency utility work conducted since the last inspec	ction? No	
3. N	Maintenance/Repair Actions to be Taken		
- V	Were changes in the Protective Cover noted during the	inspection that requ	ire actions to be take
Yes	to maintain and/or repair the Cover? If yes, describe:		
	-10-1 May 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 28 21 8 1se	
	7		***
		2,000	
	Other Comments:		
Sinkhole i	need to be monitored for settlement of stone backfill.	4	
		X	

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HALEY& ALDRICH	PROTECTIVE COVER MONITORING PLAN	INSPECTION	REPORT
Project Location	W.R. Grace & Co. 62 Whittemore Avenue, One Alewife Center, 134 Alewife Brook Parkway	Report No. Date	26 11 November 2010
Address	Cambridge, Massachusetts	Page	6 of 6
Client	W.R. Grace & Co.	File No.	10063-066
Weather	Clear	Temperature	40s°
Field Rep.	John R. Kastrinos, Dave Croce	9 <del>3</del> 2	
LSP	John R. Kastrinos, P.G., LSP		
ATTACHMENTS		tion on figure)	
G:\10063\PCMP Inspection	s\No26-Nov2010\PCMPCHECKLIST-11Nov10.doc	Haley & A	drich Inc

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INSPECTION PHOTOGRAPHS

DIRECTION OF PHOTOGRAPH
PHOTO NUMBER



EXISTING STRUCTURE

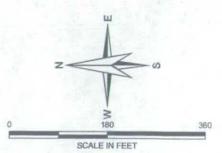


AREA OF INTEREST EXISTING WATER BODY



APPROXIMATE LIMITS OF AUL

- ALL LOCATIONS, DIMENSIONS AND SITE FEATURES ARE APPROXIMATE.
- 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.



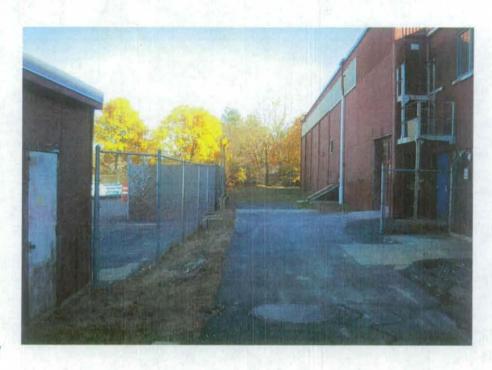


HALEY& W.R. GRACE & CO. - CONN.
62 WHITEMORE AVENUE
PROTECTIVE COVER MONITORING PLAN
CAMBRIDGE, MASSACHUSETTS

SITE ORTHOPHOTO

SCALE: AS SHOWN NOVEMBER 2010

FIGURE 1



A1-1



A1-2



A1-3



A1-4



A1-5



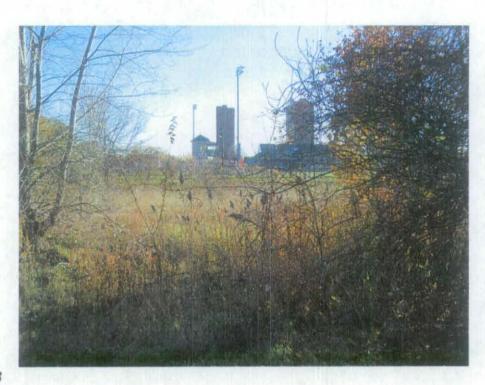
A1-6



A2-1



A2-2



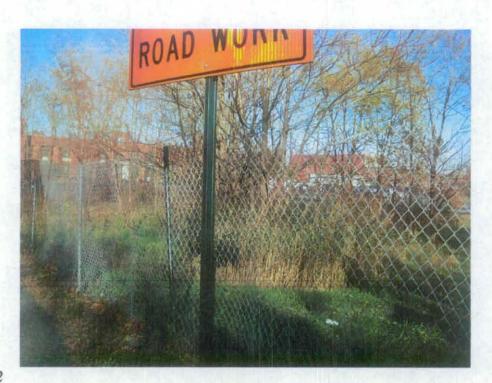
A2-3



A2-4



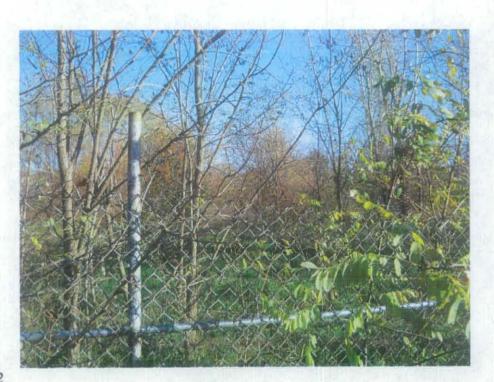
A3-1



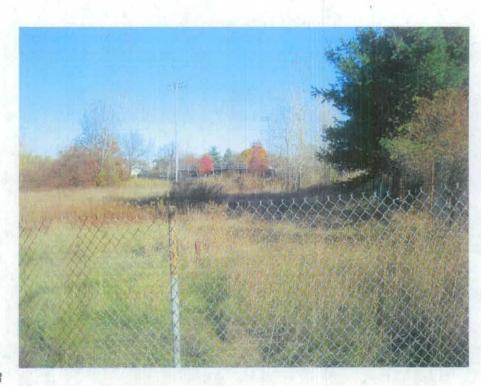
A3-2



A3-3



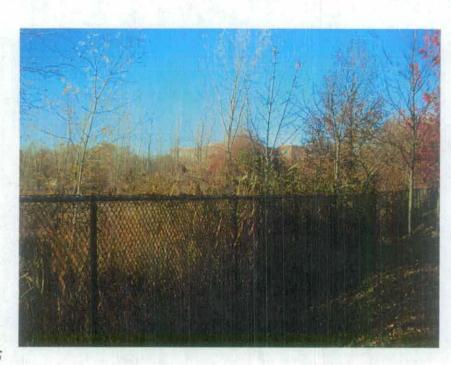
A4-2



A4-3



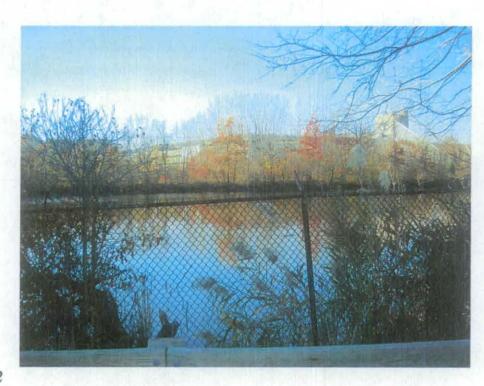
A4-4







A5-1



A5-2



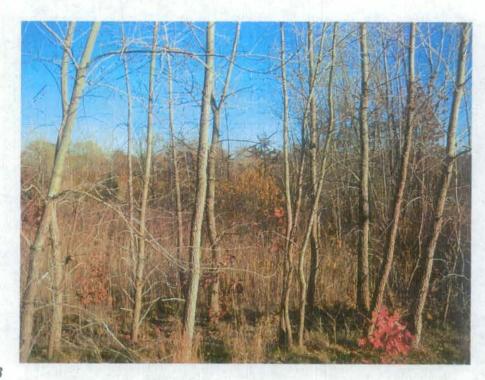
A5-3



A7-1



A7-2



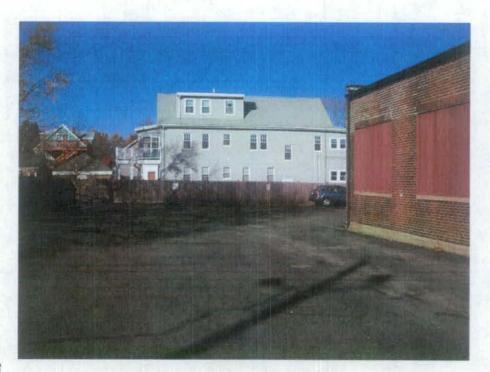
A7-3



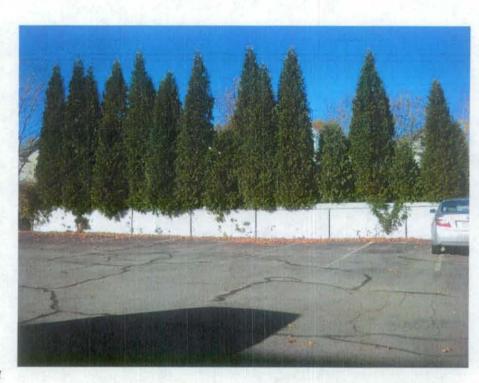
A8-1



A8-2



A8-3



A8-4



CB