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

SCANNED

		TOWNED		
Date	15 December 2010			
File No.	10063-066			
From	Rosemary McCafferty			
То	Massachusetts Depart 205B Lowell Street Wilmington, Massach	tment of Environmental Protection RECEIVED		
Attention	Mr. Jack Miano	DEO ED		
Copy to	PIP Repositories: W.R. Grac DEP North Cambridge North Can City Manager, City of Cambridge Public He Alewife Study Group Alewife Study Group Alewife Neighbors, In	re & CoConn Robert File Review Office & Main Library Provided Library Cambridge Library Cambridge; Attn: Robert Health Department; Attn: Sam Lipson Member; Attn: Lisa Birk Member; Attn: Joe Joseph Inc. Attn: Mike Nakagawa		
Subject	W.R. Grace & CoCo 62 Whittemore Avenu 134 Alewife Brook P	ae, One Alewife Center, and		
W	Cambridge, Massachu RTNs 3-0277 and 3-34	usetts		
Copies	Date	Description		
1	15 December 2010	Protective Cover Monitoring Plan (PCMP) Inspection Report No. 26		
Transmitte	ed via	il ⊠ Overnight express □ Hand delivery □ Other		
Remarks				
For your fi	iles.			

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APLEASE SEE ALSO AN 3-3411 130 ALEWITE BROOK PKWY CAMBRIDGE &

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

> Tel: 617.886.7400 Fax: 617.886.7600 Haley Aldrich.com

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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) The Site inspection was completed by Haley & Aldrich on Inspection Report No. 26. 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

PIP Repositories: C:

> W.R. Grace & Co.-Conn Cambridge Main Library North Cambridge Library Cambridge Health Alliance

NORTHEAST REGIONAL OFFICE City Manager, City of Cambridge; Attn: Mr. Robert Healy Cambridge Public Health Department; Attn: Mr. Sam Lipson

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Project	W.R. Grace & Co.	Report No.	26 11 November 2010
Location	62 Whittemore Avenue, One Alewife Center, 134 Alewife Brook Parkway	Date	11 November 2010
Address	Cambridge, Massachusetts	Page	1 of 6
Client Weather	W.R. Grace & Co. Clear	File No. Temperature	10063-066 40s°
Field Rep.	John R. Kastrinos, Dave Croce	1 emperature	403
LSP	John R. Kastrinos, P.G., LSP		
1.	Protective Cover Surface Observations:		
Area 1 C	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:		
Vac	Are there bare spots, signs of erosion, or large potholes	in pavement? (If y	es, attach photograph
Yes	Are there bare spots, signs of erosion, or large potholes and figure showing location and extent): Describe erod		
Yes	(NO)		
Yes	(NO)		
Yes	(NO)	ed area or areas of	potholes:
	and figure showing location and extent): Describe erod	ed area or areas of	potholes:surface:
	and figure showing location and extent): Describe erod No	erved at the ground	potholes:surface:lge; no soil disturbed.
Yes	and figure showing location and extent): Describe erod No Is there any Asbestos Containing Material (ACM) obse Other Observations: Concrete walkways and steps repl	erved at the ground	potholes:surface:lge; no soil disturbed.
Yes Area 2 (and figure showing location and extent): Describe erod No Is there any Asbestos Containing Material (ACM) obse Other Observations: Concrete walkways and steps repl Settlement around catch basin repaired by backfilling v Conditions:	erved at the ground aced a wooden brid	surface:lge; no soil disturbed.tograph CB).
Yes	and figure showing location and extent): Describe erod No Is there any Asbestos Containing Material (ACM) obse Other Observations: Concrete walkways and steps repl Settlement around catch basin repaired by backfilling v	erved at the ground aced a wooden bric with stone (see photo	surface:lge; no soil disturbed.tograph CB).
Yes Area 2 (and figure showing location and extent): Describe erod No Is there any Asbestos Containing Material (ACM) obse Other Observations: Concrete walkways and steps repl. Settlement around catch basin repaired by backfilling vector of the conditions: No Is Protective Cover in Area 2 observed to be in same conditions.	erved at the ground aced a wooden brig with stone (see photo	surface:lge; no soil disturbed.tograph CB).
Yes Area 2 (Yes)	and figure showing location and extent): Describe erod No Is there any Asbestos Containing Material (ACM) observations: Concrete walkways and steps replied to be settlement around catch basin repaired by backfilling value of conditions: No Is Protective Cover in Area 2 observed to be in same of conditions: Are there have spots signs of erosion? (If we attach policy attach policy).	erved at the ground aced a wooden brig with stone (see photo	surface: surface: dge; no soil disturbed. tograph CB).
Yes Area 2 (and figure showing location and extent): Describe erod No Is there any Asbestos Containing Material (ACM) obse Other Observations: Concrete walkways and steps replicated by backfilling value of the conditions: Is Protective Cover in Area 2 observed to be in same of conditions: No Conditions: Is Protective Cover in Area 2 observed to be in same of conditions:	erved at the ground aced a wooden bric with stone (see photo	surface:
Yes Area 2 (Yes)	and figure showing location and extent): Describe erod No Is there any Asbestos Containing Material (ACM) obse Other Observations: Concrete walkways and steps repl Settlement around catch basin repaired by backfilling v Conditions: No Is Protective Cover in Area 2 observed to be in same of conditions: No Are there bare spots, signs of erosion? (If yes, attach pl	erved at the ground aced a wooden bric with stone (see photo	surface:

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ALDRICH Project	W.R. Grace & Co.	Report No.	26
Location	62 Whittemore Avenue, One Alewife Center, 134 Alewife	Date	11 November 20
Address Client	Brook Parkway Cambridge, Massachusetts W.R. Grace & Co.	Page File No.	2 of 6 10063-066
Weather Field Rep.	Clear John R. Kastrinos, Dave Croce	Temperature	40s°
LSP	John R. Kastrinos, P.G., LSP		
Area 3 C	Conditions:		
	Is Protective Cover in Area 3 observed to be in same co	onditions compared	I 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:		
L	extent). Describe eroded area of areas of politores.		· · · · · · · · · · · · · · · · · · ·
Van	Is there any Asbestos Containing Material (ACM) obse	rved at the ground	surface:
Yes	No Is there any Assessor Containing Waterial (ACM) 6656		
	Other Observations:	A018-7	
			1 4444 4
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:	•	
	conditions ? If no, describe change(s) in conditions.	W 1	
	Are there bare spots, signs of erosion? (If yes, attach pl	notographs and figu	are showing location
Yes	extent): Describe eroded area or areas of potholes:		
	-7		
Yes	No Is there any Asbestos Containing Material (ACM) obse	erved at the ground	surface:
L			
	Other Observations:		

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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.	Brook Parkway Cambridge, Massachusetts W.R. Grace & Co. Clear John R. Kastrinos, Dave Croce	Page File No. Temperature	3 of 6 10063-066 40s°
_SP	John R. Kastrinos, P.G., LSP		
Arca 5 (Yes	Conditions: No		
	conditions"? If no, describe change(s) in conditions:		
Yes	Are there bare spots, signs of erosion? (If yes, attach plextent): Describe eroded area or areas of potholes:		
Yes	Is there any Asbestos Containing Material (ACM) obse	*	
	Other Observations:		
2			P 140 PA
Area 6	Conditions:		
Yes	No Is Protective Cover in Area 6 observed to be in same co-conditions"? If no, describe change(s) in conditions:	onditions compared	l to "baseline
Yes	Are there bare spots, signs of erosion, or large potholes and figure showing location and extent): Describe erod		
Yes		147	surface:
	Other Observations:		

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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 Client Weather Field Rep. LSP	Cambridge, Massachusetts W.R. Grace & Co. Clear John R. Kastrinos, Dave Croce John R. Kastrinos, P.G., LSP	Page File No. Temperature	4 of 6 10063-066 40s°
Area 7 Co	enditions:		
Yes	No Is Protective Cover in Area 7 observed to be in same co conditions"? If no, describe change(s) in conditions:		
Yes (Are there bare spots or signs of erosion? (If yes, attach) and extent): Describe eroded area or areas of potholes:		Post of Charles Constant Constant Constant Constant
Yes	Is there any Asbestos Containing Material (ACM) obser		
Area 8 Co	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:	nditions compared	to "baseline
	8		
Yes (Are there signs of erosion or large potholes in pavemen showing location and extent): Describe eroded area or a		
12	Is there any Asbestos Containing Material (ACM) obse	rved at the ground	surface:
Yes (No list there any Aspestos Containing Material (ACM) observed	rva at the ground	Jul 1400.

Other Observations:

7.R. Grace & Co. 2 Whittemore Avenue, One Alewife Center, 134 Alewife rook Parkway ambridge, Massachusetts 7.R. Grace & Co. 1 lear 1 ohn R. Kastrinos, Dave Croce 1 ohn R. Kastrinos, P.G., LSP 2 ovicw with Owner Representative 2 er's Representative interviewed: David Croce 2 dings or structures on the Site? No 3 n use of the existing buildings? No		26 11 November 2010 5 of 6 10063-066 40s°
ambridge, Massachusetts V.R. Grace & Co. lear ohn R. Kastrinos, Dave Croce ohn R. Kastrinos, P.G., LSP view with Owner Representative er's Representative interviewed: David Croce dings or structures on the Site? No	File No. Temperature	10063-066 40s°
er's Representative interviewed: David Croce		
er's Representative interviewed: <u>David Croce</u> dings or structures on the Site? <u>No</u>		
lings or structures on the Site? No		
-		
n use of the existing buildings? No		
	12 N	a 2
n use of un-built areas? No	10k	
of active recreation? No	6	
ctivities that would degrade the Protective Cover? No	<u> </u>	
of property use for cultivation of fruits and vegetables for h	iuman consumption	n? <u>No</u>
n any emergency utility work conducted since the last inspe	ction? No	
tenance/Repair Actions to be Taken		
) [
		# ### ################################
	of active recreation? No ctivities that would degrade the Protective Cover? No of property use for cultivation of fruits and vegetables for he n any emergency utility work conducted since the last inspendenance/Repair Actions to be Taken Were changes in the Protective Cover noted during the	Were changes in the Protective Cover noted during the inspection that req to maintain and/or repair the Cover? If yes, describe:er Comments:

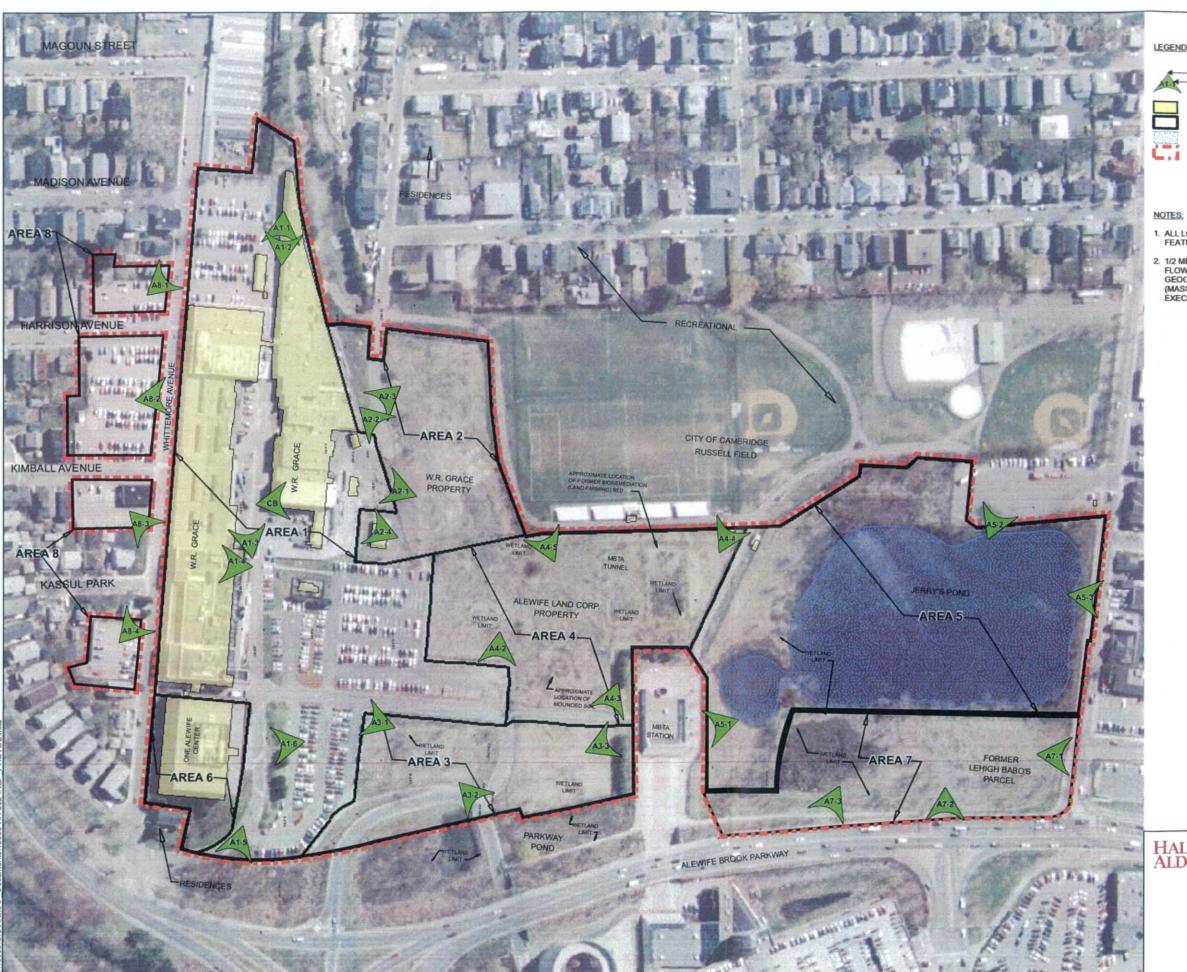
PROTECTIVE COVER MONITORING PLAN	INSPECTION	REPORT	
W.R. Grace & Co.	Report No.	26	
62 Whittemore Avenue, One Alewife Center, 134 Alewife	Date	11 November 2010	
	Page File No. Temperature	6 of 6	
W.R. Grace & Co.		10063-066	
Clear		40s°	
John R. Kastrinos, Dave Croce			
John R. Kastrinos, P.G., LSP	2		
ments) Photographs (List and note photo location/orienta	tion on figure)	· · · · · · · · · · · · · · · · · · ·	
ions\No26-Nov2016\PCMPCHECKLJST-11Nov10.doc	O		
	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 John R. Kastrinos, P.G., LSP TS: Figure 1: PCMP - Site Orthophoto ments) Photographs (List and note photo location/orienta	62 Whittemore Avenue, One Alewife Center, 134 Alewife Brook Parkway Cambridge, Massachusetts W.R. Grace & Co. Clear John R. Kastrinos, Dave Croce John R. Kastrinos, P.G., LSP Figure 1: PCMP – Site Orthophoto ments) Photographs (List and note photo location/orientation on figure)	

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Haley & Aldrich, Inc.

DEC 16 2010

DEP NORTHEAST REGIONAL OFFICE



INSPECTION PHOTOGRAPHS

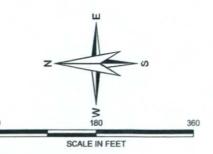
DIRECTION OF PHOTOGRAPH
PHOTO NUMBER

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.



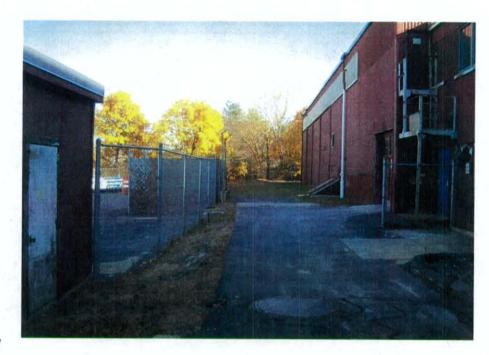
HALEY&
ALDRICH

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

SITE ORTHOPHOTO

SCALE: AS SHOWN NOVEMBER 2010

FIGURE 1



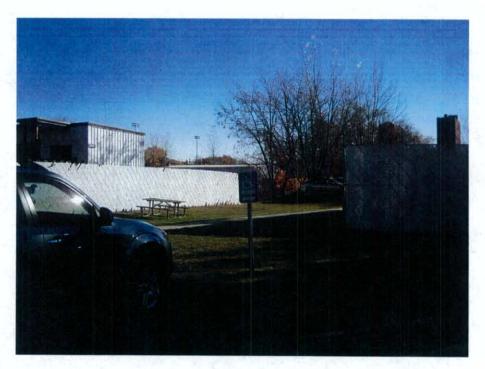
A1-1



A1-2



A1-3



A1-4



A1-5



A1-6



A2-1



A2-2



A2-3



A2-4



A3-1



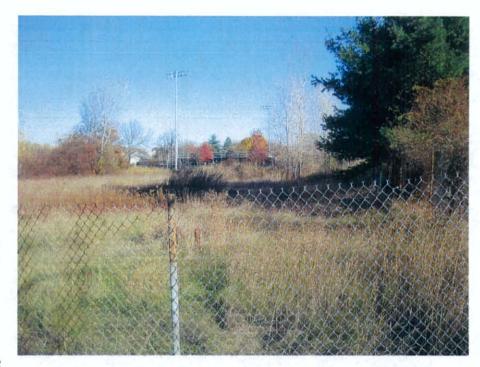
A3-2



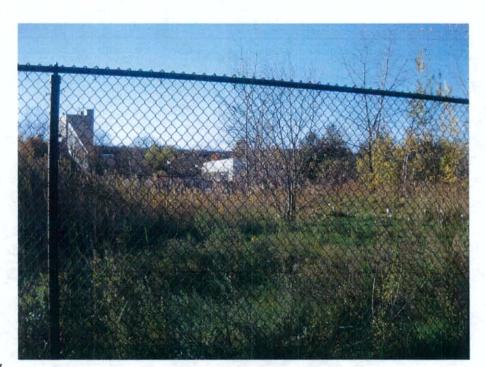
A3-3



A4-2



A4-3



A4-4



A4-5



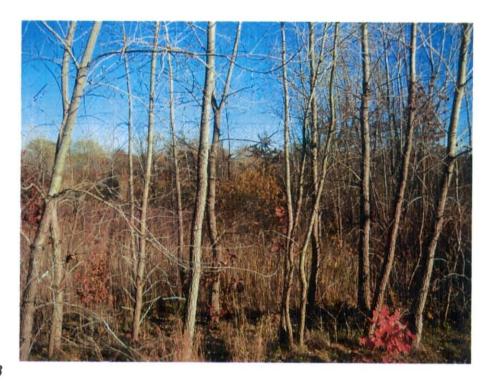
A5-1



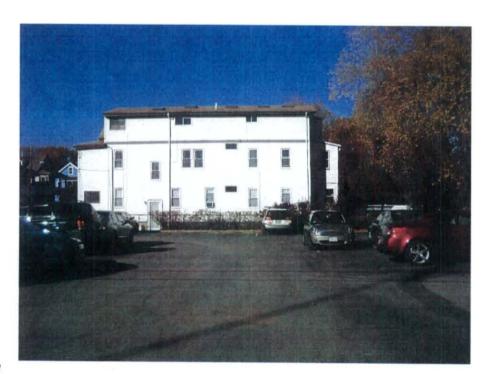
A7-1



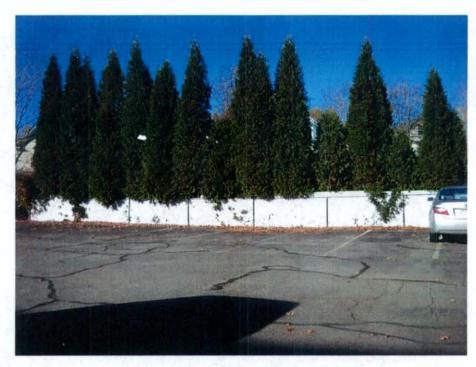
A7-2



A7-3



A8-1



A8-4



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