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	20 January 2010			
File No.	10063-066			
From	Jennifer Sweet			
То	Massachusetts Department of Environmental Protection 205B Lowell Street Wilmington, Massachusetts 01887			
Attention	Mr. Jack Miano			
Copy to	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 & CoConn. 62 Whittemore Avenue, One Alewife Center, and 134 Alewife Brook Parkway Cambridge, Massachusetts RTNs 3-0277 and 3-3411 -> 130 ALEWETE BROOK PKWY 402 WHITTOMERANE			
Copies	Date WA Description			
1	13 January 2010 Protective Cover Monitoring Plan (PCMP) Inspection Report No. 23			
Transmitte	d via □ First class mail ⊠ Overnight express □ Hand delivery □ Other			
Remarks				
For your f	īles.			
C-100631BCMB	Inspections\No23-Jan2010\2010-0113-HAI-itrnNo.23 coverletter DEP.doc			

* SIL ALSO 3-0003411 130 ALEWSE BROOKPKW CAMBRIAGE *

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20 January 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 RECEIVED

JAN 21 2010

DEP NORTHEAST REGIONAL OFFICE

Dear Mr. Miano:

On behalf of W.R. Grace & Co.-Conn., we are submitting the Protective Cover Monitoring Plan (PCMP) Inspection Report No. 23. The Site inspection was completed by Haley & Aldrich on 13 January 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. 23

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

G:\10063\PCMP Inspections\No23-Jan2010\2010-0113-PCMP coverletter_F.doc

Project	W.R. Grace & Co.	Report No.	23
Location	62 Whittemore Avenue, One Alewife Center, 134 Alewife	Date	13 January 20
	Brook Parkway		
Address	Cambridge, Massachusetts	Page	1 of 6
Client	W.R. Grace & Co.	File No.	10063-066
Weather	Sunny	Témperature	25°
Field Rep.	Jennifer Sweet, Dave Croce		
LSP	John R. Kastrinos, P.G., LSP		. n
1.	Protective Cover Surface Observations:	į.	÷
	$a_{\hat{y}}$	w.	
Area 1 C	onditions:		
	ii.		
	Is Protective Cover in Area 1 observed to be in same of	conditions compare	ed to "baseline
(Yes)	No	ondicions compan	ou outonic
	conditions"? If no, describe change(s) in conditions:		
		· · · · · · · · · · · · · · · · · · ·	
			
Yes	Are there bare spots, signs of erosion, or large pothole		
	photographs and figure showing location and extent): I	Describe eroded a	rea or areas of po
	•	76W 3	300 V
	8	595 3	
e			
		-	,
			
	No Is there any Asbestos Containing Material (ACM) obse		
			
		erved at the groun	
 ;	No Is there any Asbestos Containing Material (ACM) observed	erved at the groun	
Yes	No Is there any Asbestos Containing Material (ACM) observed	erved at the groun	
Yes	No Is there any Asbestos Containing Material (ACM) observations:	erved at the groun	
Yes	Other Observations:	erved at the groun	d surface:
Yes Area 2 C	Other Observations: Conditions: Is Protective Cover in Area 2 observed to be in same of the conditions.	erved at the groun	d surface:ed to "baseline
Yes Area 2 C	Other Observations: Is Protective Cover in Area 2 observed to be in same of	erved at the groun	d surface:e
Yes Area 2 C	Other Observations: Conditions: Is Protective Cover in Area 2 observed to be in same of the conditions.	erved at the groun	d surface:ed to "baseline
Yes Area 2 C	Other Observations: Sonditions: Is Protective Cover in Area 2 observed to be in same of conditions? If no, describe change(s) in conditions:	erved at the groun	d surface:ed to "baseline
Yes Area 2 C	Other Observations: Onditions: Is Protective Cover in Area 2 observed to be in same of conditions? If no, describe change(s) in conditions: No Are there bare spots, signs of erosion? (If yes, attach page)	erved at the groun	d surface:ed to "baseline
Yes Area 2 C	Other Observations: Onditions: Is Protective Cover in Area 2 observed to be in same of conditions: Are there have spots, signs of erosion? (If we attach respective).	erved at the groun	d surface:ed to "baseline
Yes Area 2 C	Other Observations: Onditions: Is Protective Cover in Area 2 observed to be in same of conditions? If no, describe change(s) in conditions: No Are there bare spots, signs of erosion? (If yes, attach page)	erved at the groun	d surface:ed to "baseline
Yes Area 2 C	Other Observations: Sonditions: Is Protective Cover in Area 2 observed to be in same of conditions? If no, describe change(s) in conditions: Are there bare spots, signs of erosion? (If yes, attach pand extent): Describe eroded area or areas of potholes	conditions compare	d surface:ed to "baseline
Yes Area 2 C	Other Observations: Onditions: Is Protective Cover in Area 2 observed to be in same of conditions? If no, describe change(s) in conditions: No Are there bare spots, signs of erosion? (If yes, attach page)	conditions compare	d surface:ed to "baseline

Project	W.R. Grace & Co. 62 Whittemore Avenue, One Alewife Center, 134 Alewife	Report No. Date	23 13 January 201
Location	Brook Parkway	Date	13 January 201
Address	Cambridge, Massachusetts	Page	2 of 6
Client	W.R. Grace & Co.	File No.	10063-066 25°
Weather Field Rep.	Sunny Jennifer Sweet, Dave Croce	Temperature	23
LSP	John R. Kastrinos, P.G., LSP		*
· · · · · · · · · · · · · · · · · · ·			
Area 3	Conditions:		
9			
	Is Protective Cover in Area 3 observed to be in same co	onditions compare	ed to "baseline
Yes	No conditions"? If no, describe change(s) in conditions:		
			1 . 1
Yes			
	and extent): Describe eroded area or areas of potholes:		
			33.3
Yes	Is there any Asbestos Containing Material (ACM) obse	rved at the groun-	d surface:
100		ž 2	
¥.	Other Observations:		
9			<u>.</u>
Area 4	Conditions:)(¥ :
	D.		
	Is Protective Cover in Area 4 observed to be in same of	onditions compare	ed to "baseline
(Yes	No conditions"? If no, describe change(s) in conditions:	-	
	conditions . If no, describe enauge(o) in conditions.		
·		8 - 1811 - 121 TA	226 (50
Yes		= -	
	and extent): Describe eroded area or areas of potholes:		
Yes	Is there any Asbestos Containing Material (ACM) obse	rved at the groun	d surface:

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HALEY& ALDRICH	PROTECTIVE COVER MONITORING PLAN	INSPECTION	REPORT
roject	W.R. Grace & Co. 62 Whittemore Avenue, One Alewife Center, 134 Alewife	Report No.	23 13 January 2010
ocation	Brook Parkway	Date	13 January 2010
ddress	Cambridge, Massachusetts	Page	3 of 6
lient	W.R. Grace & Co.	File No.	10063-066
Veather	Sunny	Temperature	25°
ield Rep.	Jennifer Sweet, Dave Croce		
SP	John R. Kastrinos, P.G., LSP	100.00	1490
Area 5 C	Conditions:		¥
	Is Protective Cover in Area 5 observed to be in same of	onditions compar	ed to "baseline
(Yes)	No conditions"? If no, describe change(s) in conditions:		
	conditions : If no, describe change(s) in conditions.		
Yes	Are there bare spots, signs of erosion? (If yes, attach pand extent): Describe eroded area or areas of potholes.	hotographs and fi	igure showing locati
Yes	No Is there any Asbestos Containing Material (ACM) obse		
	Other Observations:		
Area 6 C	Conditions:	9	
	Is Protective Cover in Area 6 observed to be in same of	conditions compar	ed to "baseline
Yes	No conditions"? If no, describe change(s) in conditions:		
Yes	Are there bare spots, signs of erosion, or large pothologous photographs and figure showing location and extent): I	are a section of the	
Yes	No Is there any Asbestos Containing Material (ACM) observed	erved at the groun	d surface:
<u> </u>	Other Observations:		

HALEY& ALDRICH	PROTECTIVE COVER MONITORING PLAN	NSPECTION	REPORT
Project	W.R. Grace & Co.	Report No.	23
Location	62 Whittemore Avenue, One Alewife Center, 134 Alewife	Date	13 January 2010
Address	Brook Parkway Cambridge, Massachusetts	Page	4 of 6
Client .	W.R. Grace & Co.	File No.	10063-066
Weather	Sunny	Temperature	25°
Field Rep.	Jennifer Sweet, Dave Croce		
LSP	John R. Kastrinos, P.G., LSP	· · ·	***************************************
Yes Yes	Is Protective Cover in Area 7 observed to be in same of conditions"? If no, describe change(s) in conditions:	photographs and	figure showing location
Yes	No Is there any Asbestos Containing Material (ACM) obse	-	d surface:
	Other Observations:		
Area 8 C	Conditions:	. ,	
· (2)	Is Protective Cover in Area 8 observed to be in same of	onditions compare	ed to "baseline
Yes	No conditions"? If no, describe change(s) in conditions:		*******
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
1-			***********
Yes	Are there signs of erosion or large potholes in pavement		photographs and figur
Yes	Are there signs of erosion or large notholes in payeme	nt? (If yes, attach	m. 0000 m. 0000
Yes	Are there signs of erosion or large potholes in pavement	nt? (If yes, attach	a. 02/ a. 02/
Yes	Are there signs of erosion or large potholes in pavement	nt? (If yes, attach areas of potholes:	
Yes	Are there signs of erosion or large potholes in pavement showing location and extent): Describe eroded area or	nt? (If yes, attach areas of potholes:	

Other Observations: __

Project Location	W.R. Grace & Co. 62 Whittemore Avenue, One Alewife Center, 134 Alewife	Report No. Date	23 13 January 201
Address Client Weather Field Rep.	Brook Parkway Cambridge, Massachusetts W.R. Grace & Co. Sunny Jennifer Sweet, Dave Croce	Page File No. Temperature	5 of 6 10063-066 25°
LSP	John R. Kastrinos, P.G., LSP		
2.	Interview with Owner Representative		
Name of	Owner's Representative interviewed: DAVE CROCE	<u> </u>	9249 ASS
Any new	buildings or structures on the Site? NO	***	
Any cha	nges in use of the existing buildings? NO		
Any cha	nges in use of un-built areas? ND	183	8
Any evid	dence of active recreation?NO		•
Any cur	rent activities that would degrade the Protective Cover? NO		
Any evid	dence of property use for cultivation of fruits and vegetables for	human consumpti	on? NO
Has ther	e been any emergency utility work conducted since the last insp	ection? NO	
3.	Maintenance/Repair Actions to be Taken		
Yes	Were changes in the Protective Cover noted during the taken to maintain and/or repair the Cover? If yes, des		
•		V	

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PROTECTIVE COVER MONITORING PLAN	INSPECTION	REPORT
W.R. Grace & Co. 62 Whittemore Avenue, One Alewife Center, 134 Alewife	Report No.	23 13 January 2010
Brook Parkway	1620	790
		6 of 6
		10063-066
	Temperature	25°
John R. Kastrinos, P.G., LSP	-1	
,	ition on figure)	
	1	<i>a</i> .
	W.R. Grace & Co. 62 Whittemore Avenue, One Alewife Center, 134 Alewife Brook Parkway Cambridge, Massachusetts W.R. Grace & Co. Sunny Jennifer Sweet, Dave Croce John R. Kastrinos, P.G., LSP	62 Whittemore Avenue, One Alewife Center, 134 Alewife Brook Parkway Cambridge, Massachusetts W.R. Grace & Co. Sunny Jennifer Sweet, Dave Croce John R. Kastrinos, P.G., LSP Figure 1: PCMP – Site Orthophoto



INSPECTION PHOTOGRAPHS





EXISTING STRUCTURE

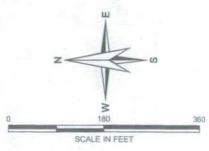
AREA OF INTEREST



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.

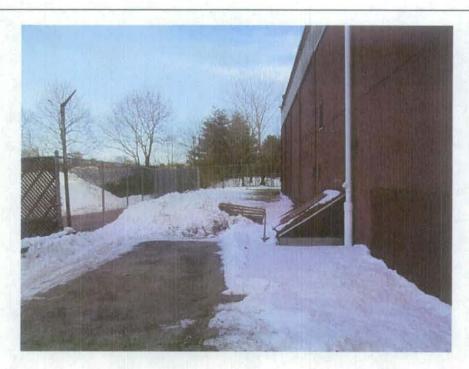


HALFY& W.R. GRACE & CO. - CONN.
62 WHITEMORE AVENUE
PROTECTIVE COVER MONITORING PLAN
CAMBRIDGE, MASSACHUSETTS

SITE ORTHOPHOTO

SCALE: AS SHOWN JANUARY 2010

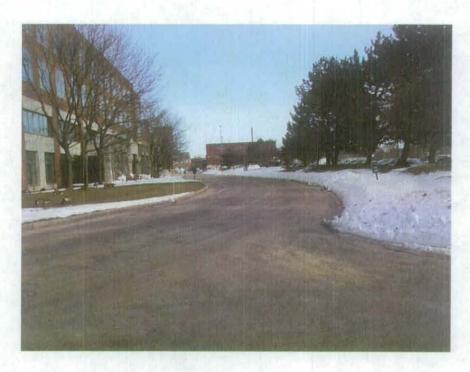
FIGURE 1



















A2-1



A2-2



A2-3



A2-4



A3-1



A3-2



A3-3



A4-1



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

Halev & Aldrich, Inc.