

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

Tel: 617.886.7400
Fax: 617.886.7600
HaleyAldrich.com

**HALEY &
ALDRICH**

16 April 2012
File No. 10063-066

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

Attention: Mr. Jack Miano

Subject: Notice of Placement in Public Repositories
Protective Cover Monitoring Plan (PCMP) Inspection Report No. 31
W.R. Grace & Co. Properties
62 Whittemore Avenue, One Alewife Center, 134 Alewife Brook Parkway
Cambridge, Massachusetts
RTNs 3-0277 and 3-3411

Dear Mr. Miano:

This letter is to inform you of the placement of the above-referenced document in five public repositories. A list of the repositories and contact information is attached.

In accordance with the Activity and Use Limitations (AUL) recorded for the W.R. Grace Site and the Former Lehigh Metals and Babo's Site in March 2006, W.R. Grace & Co. engaged an LSP to implement a Protective Cover Monitoring Plan (PCMP). On 22 March 2012 Haley & Aldrich and W.R. Grace conducted a site inspection in accordance with the PCMP, dated March 2006. PCMP Inspection Report No. 31 was prepared during the site walkover and copies have been placed in the public repositories.

PCMP inspections were conducted monthly for the first year, April 2006 to April 2007, and have been conducted quarterly in subsequent years. Copies of the inspection reports are placed into the public repositories following each inspection. This letter serves as notice of placement of the quarterly inspection reports into the public repositories.

If you have any questions, please do not hesitate to call the undersigned.

Sincerely yours,
HALEY & ALDRICH, INC.



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

Enclosure

c: W.R. Grace PIP Notification and Mailing List
G:\10063\PCMP Inspections\No31-Mar2012\2012-0416-HAI-PIP Notice_PCMP No 31_F.doc

Notification and Mailing List

Updated 10 January 2012
W.R. Grace & Co.-Conn.
Cambridge, Massachusetts
RTN 3-0277

Notification List

City of Cambridge Director of Environmental Health
Cambridge Public Health Department
119 Windsor Street
Cambridge, MA 02139

Cambridge City Hall
City Manager's Office
795 Massachusetts Avenue
Cambridge, MA 02139

Mailing List

*****Lisa Birk**

Member
Alewife Study Group
20 Kassul Park
Cambridge, MA 02140

*****Joe Joseph**

Member
Alewife Study Group
20 Kassul Park
Cambridge, MA 02140

Dick Clarey

Chair
North Cambridge Stabilization Committee
15 Brookford Street
Cambridge, MA 02140

*****Mike Nakagawa**

Officer
Alewife Neighbors, Inc.
51 Madison Avenue
Cambridge, MA 02140

Hannah Goodwin

Officer
Alewife Neighbors, Inc.
94 Clifton Street
Cambridge, MA 02140

Mary White

Member, Alewife Study Group
Resident, Cornerstone
175 Harvey Street, Apt. 9
Cambridge, MA 02140

****Indicates representatives that also get hard copies of bound reports.*

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

Tel: 617.886.7400
Fax: 617.886.7600
HaleyAldrich.com



16 April 2012
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. 31. Haley & Aldrich completed the site inspection on 22 March 2012 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.

A handwritten signature in blue ink that reads "Jennifer Sweet".

Jennifer L. Sweet, P.E.
Senior Engineer

Enclosures
PCMP Inspection Report No. 31

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

Project Location	W.R. Grace & Co.-Conn. 62 Whittemore Avenue, One Alewife Center, 134 Alewife Brook Parkway	Report No.	31
Address	Cambridge, Massachusetts	Date	22 March 2012
Client	W.R. Grace & Co.	Page	1 of 6
Weather	Clear	File No.	10063-066
Field Rep.	Jennifer Sweet, Dave Croce	Temperature	60s°
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: Three excavations were completed within Area 1 to make emergency repairs to underground piping and valves of the existing building sprinkler system, a backflow preventer valve, and a small sinkhole during the period September to December 2011 (these areas are shown on the attached figure). The excavations were completed under a URAM (RTN 3-30341). The protective cover was replaced/repared in each excavation area, which included recent paving (see attached photos).

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

Other Observations: _____

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: _____

Project Location	W.R. Grace & Co.-Conn. 62 Whittemore Avenue, One Alewife Center, 134 Alewife Brook Parkway	Report No.	31
Address	Cambridge, Massachusetts	Date	22 March 2012
Client	W.R. Grace & Co.	Page	2 of 6
Weather	Clear	File No.	10063-066
Field Rep.	Jennifer Sweet, Dave Croce	Temperature	60s°
LSP	John R. Kastrinos, P.G., LSP		

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: _____

Area 5 Conditions:

PROTECTIVE COVER MONITORING PLAN INSPECTION REPORT

Project Location	W.R. Grace & Co.-Conn. 62 Whittemore Avenue, One Alewife Center, 134 Alewife Brook Parkway	Report No.	31
Address	Cambridge, Massachusetts	Date	22 March 2012
Client	W.R. Grace & Co.	Page	3 of 6
Weather	Clear	File No.	10063-066
Field Rep.	Jennifer Sweet, Dave Croce	Temperature	60s°
LSP	John R. Kastrinos, P.G., LSP		

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: _____

Area 7 Conditions:

Project Location	W.R. Grace & Co.-Conn. 62 Whittemore Avenue, One Alewife Center, 134 Alewife Brook Parkway	Report No.	31
Address	Cambridge, Massachusetts	Date	22 March 2012
Client	W.R. Grace & Co.	Page	4 of 6
Weather	Clear	File No.	10063-066
Field Rep.	Jennifer Sweet, Dave Croce	Temperature	60s°
LSP	John R. Kastrinos, P.G., LSP		

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: _____

2. Interview with Owner Representative

Name of Owner’s Representative interviewed: David Croce

Project Location	W.R. Grace & Co.-Conn. 62 Whittemore Avenue, One Alewife Center, 134 Alewife Brook Parkway	Report No.	31
Address	Cambridge, Massachusetts	Date	22 March 2012
Client	W.R. Grace & Co.	Page	5 of 6
Weather	Clear	File No.	10063-066
Field Rep.	Jennifer Sweet, Dave Croce	Temperature	60s°
LSP	John R. Kastrinos, P.G., LSP		

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? 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: _____

4. Other Comments:

PROTECTIVE COVER MONITORING PLAN INSPECTION REPORT

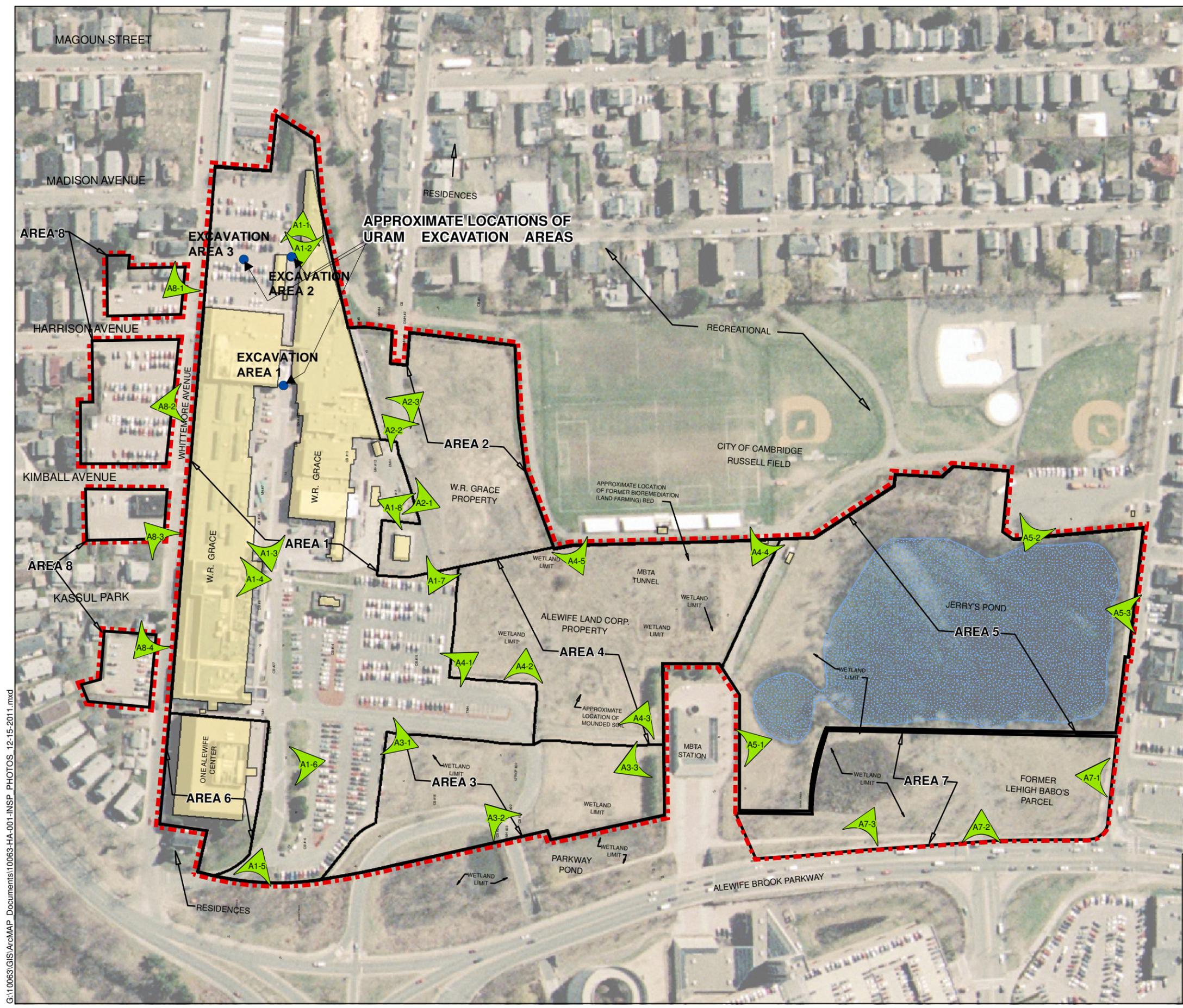
Project Location	W.R. Grace & Co.-Conn. 62 Whittemore Avenue, One Alewife Center, 134 Alewife Brook Parkway	Report No.	31
Address	Cambridge, Massachusetts	Date	22 March 2012
Client	W.R. Grace & Co.	Page	6 of 6
Weather	Clear	File No.	10063-066
Field Rep.	Jennifer Sweet, Dave Croce	Temperature	60s°
LSP	John R. Kastrinos, P.G., LSP		

ATTACHMENTS: Figure 1: PCMP – Site Orthophoto

(Check off attachments)

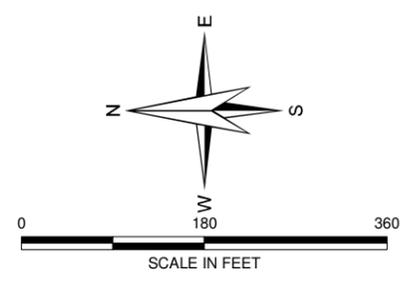
 Photographs (List and note photo location/orientation on figure) _____ _____





- 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.



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

SITE ORTHOPHOTO

SCALE: AS SHOWN
 MARCH 2012

FIGURE 1

G:\10063\GIS\ArcMAP_Documents\10063-HA-001-INSF_PHOTOS_12-15-2011.mxd



A1-1



A1-2



A1-3



A1-4



A1-5



A1-6



A1-7



A1-8



A2-1



A2-2



A2-3



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



URAM Excavation Area 1 Paved



URAM Excavation Area 2 Paved



URAM Excavation Area 3 Paved