

101 Columbia Road Morristown, NJ 07962-1139 Tel: 973-455-4131 Fax: 973-455-3082

July 29, 2014

Mr. Edward Hammerberg
Technical Specialist/RCE Supervisor
Waste Division and Utilization Program
Maryland Department of the Environment
1800 Washington Boulevard, Suite 645
Baltimore, MD 21230

Subject: Transmittal of Quarterly Site Progress Report, Second Quarter 2014

2000 Race Street Site, Baltimore, Maryland

Dear Mr. Hammerberg:

Please find attached the Second Quarter 2014 Site Progress Report for the 2000 Race Street Site, Baltimore, Maryland. This document is provided on behalf of Honeywell and the Mayor and City Council of Baltimore pursuant to the requirements of Section III.A of the 2000 Race Street Site Consent Order (effective date of May 23, 2007).

If you have any questions or require additional information, please do not hesitate to contact me at 973-455-4131.

Very truly yours,

HONEYWELL INTERNATIONAL INC.

114

Christopher M. French, R.G., C.E.G. Manager, Remediation & Evaluation Services

Attachment

cc: Mr. Ed Dexter (MDE)

Mr. Jim Carroll (MDE)

Mr. Michael Daneker (Arnold & Porter)

Ms. Dawn Lettman (City of Baltimore)

Mr. Bambi Stevens (City of Baltimore)

Mr. Gary Walters (ERM)

Second Quarter 2014 Race Street Quarterly Site Progress Report, 2000 Race Street, Baltimore, Maryland

Prepared for

Honeywell International Inc.

The Mayor and City Council of Baltimore, Maryland

July 2014



15010 Conference Center Drive Suite 200 Chantilly, VA 20151

Contents

Sectio	on	Page
1	Introduction	1-1
2	Quarter in Review	2-1
3	Upcoming Work and Submittals during the Third Quarter of 2014	3-1
4	Schedule	4-1
Apper	ndixes	

A Site Inspection Reports

ES072814163022WDC III

Introduction

Honeywell International Inc. (Honeywell) and the Mayor and City Council of Baltimore (City) are submitting this Quarterly Site Progress Report for the 2000 Race Street Site (Site) pursuant to the May 23, 2007, Administrative Consent Order (Consent Order) between the Maryland Department of the Environment (MDE), Honeywell, and the City. Quarterly Site Progress Reports will be submitted to MDE for the duration of the Consent Order. As specified within Section III.F of the Consent Order, the reports will identify the following information:

- Work completed and documents submitted to MDE in the preceding quarter;
- A schedule and submittals for the upcoming quarter; and
- Any delays, modifications, or changes anticipated in the upcoming quarter.

This report covers Site-related activities conducted under the Consent Order during the second quarter of 2014, from April 1 through June 30, 2014.

The Site is located at 2000 Race Street, in Baltimore, Maryland (ZIP Code 21230). It occupies approximately 10.3 acres and is bounded on the north by the Baltimore Gas and Electric (BGE) Spring Gardens facility, on the south by Swann Park, on the east by Race Street, and on the west by the Middle Branch of the Patapsco River. In addition, two elevated spans of Interstate 95 (I-95) oriented from east to west overlie the Site on the northern half of the property. A chain-link security fence is present at the perimeter of the Site. The Site has no onsite building structures and is currently vacant.

Controlled hazardous substances (CHS) are contained on the Site and covered with an engineered cap consisting of the following materials from top to bottom: asphalt, gravel base, and compacted clay. Cap maintenance is ongoing. Additional information regarding the Site is provided in several documents, including the May 23, 2007, Consent Order; the "Site Characterization Work Plan," dated September 2007; the "Site Characterization Report," dated September 2009; the "Near Shore Investigation Report," dated December 2009; and the "Interim Remedial Measures Assessment Investigation and Pilot Test Report," dated July 2012.

ES072814163022WDC 1-1

Quarter in Review

Site-related activities performed during the second quarter of 2014 include the following:

- April 4: Inclinometer readings taken at site;
- April 16: Monthly Site status call with MDE;
- April 24: Monthly Site status inspection (Appendix A);
- April 30: First Quarter 2014 Site Progress report submitted;
- May 6: Monthly Site status call with MDE;
- May 21: Monthly Site status inspection (Appendix A);
- May 21: MdTA Contract FT-2771-000-006 update meeting;
- May 24: MdTA contractor notifies MdTA of sinkhole at Race Street site and measures taken to stabilize;
- May 25: MdTA provides notification to the City and Honeywell;
- May 27: On-site meeting with MDE, CH2M HILL (representing Honeywell) and City to inspect sink hole and discuss repairs;
- June 10: Scope of work for temporary repairs provided to MDE;
- June 12: City completed temporary repairs to sink hole;
- June 10: Monthly Site status call with MDE;
- June 19: Monthly Site status inspection and MDE reported that repairs to sink hole were acceptable (Appendix A) and
- June 23: Inclinometer readings taken at Site; and
- June 30: Site-wide trash cleanup.

ES072814163022WDC 2-1

Upcoming Work and Submittals during the Third Quarter of 2014

The following activities and submittals are anticipated to occur in the upcoming quarter:

- July, August, September: Conduct monthly Site status inspections and participate in monthly Site status calls with MDE;
- Perform cap maintenance;
- Perform quarterly inclinometer readings;
- · Perform surface cover maintenance and repair of sink hole; and
- Submit the Third Quarter 2014 Site Status report to MDE by October 30, 2014.

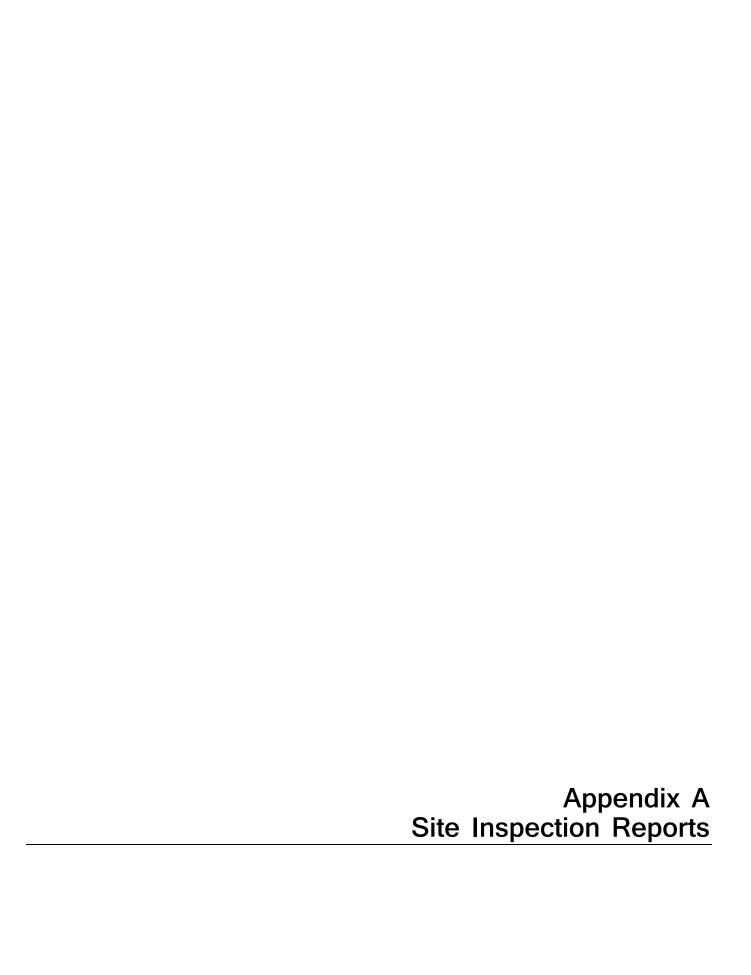
ES072814163022WDC 3-1

Schedule

A schedule of activities anticipated during the third quarter of 2014 is provided below.

Milestone	Anticipated Date
July 2014	
Perform monthly Site status inspection	7-24-14
Submit second quarter 2014 Site Status Report	7-30-14
August 2014	
Perform monthly Site status inspection	TBD
Submit Bridge Monitoring Report (1st half of 2013 monitoring period)	TBD
September 2014	
Perform monthly Site inspection	TBD
Perform quarterly inclinometer readings	TBD
Perform surface cover maintenance and repair sink hole	TBD

ES072814163022WDC 4-1



Date of Inspection:

24-Apr-14

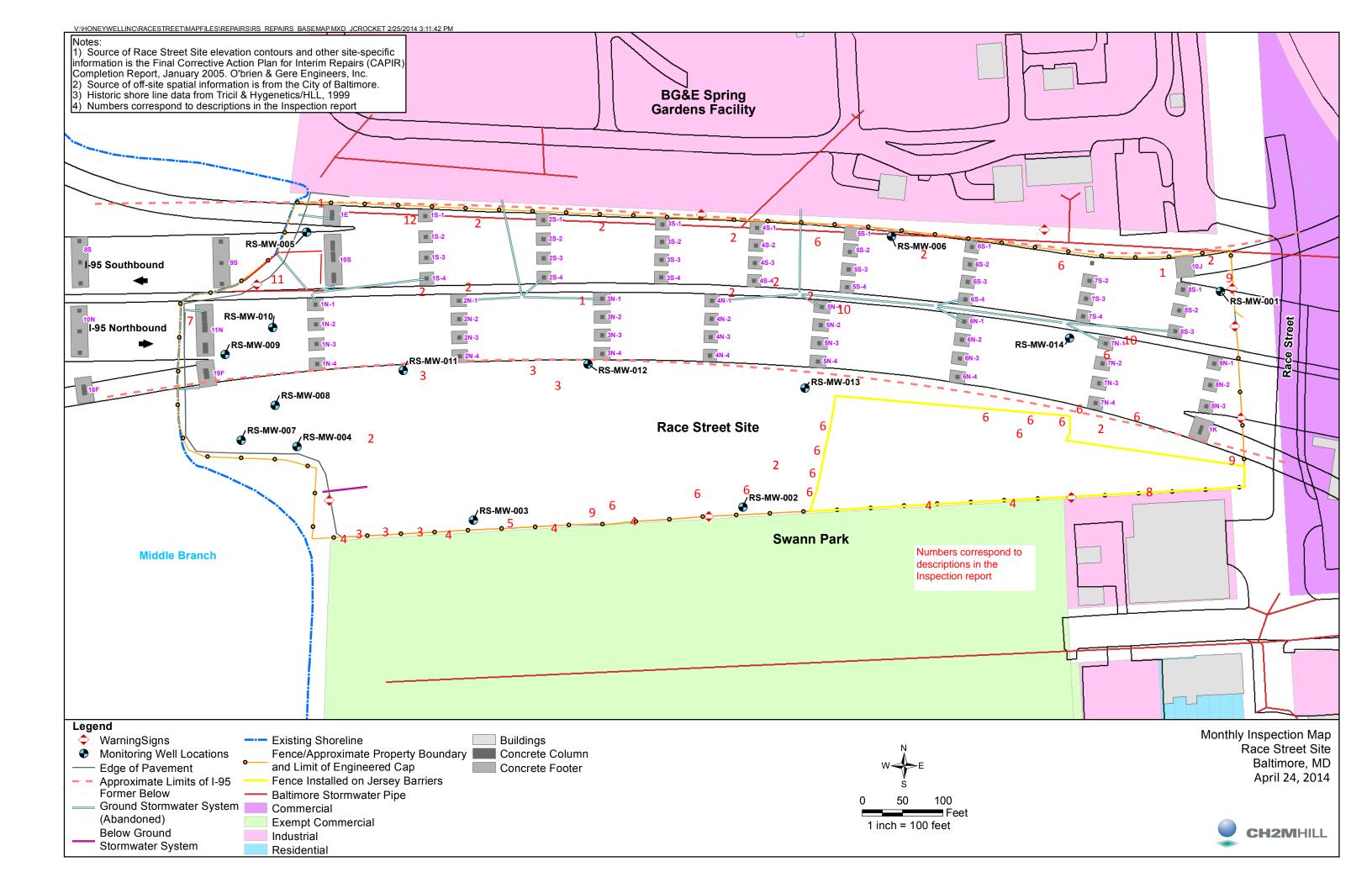
Kenneth Biles

Inspector:

4. Fence

ervations
-wide trash pick
pplications for
d including crack eloping scope
pplications for
d including crack eloping scope for
formed including g. Developing
p repair.
formed including g. Developing
f

Site Inspection	Results	<u> </u>		
Task	Observations	Actions Taken	Date Completed	Comments/Additional Observations
Inspect fence for holes. Note number of holes. Identify location of holes via description or on Site Plan (attach to Monthly Site Inspection Checklist).	None	None	NA NA	None
Inspect fence to determine if there is any erosion compromising the integrity of the fence	None	None	NA	None
Inspect fence to determine if barbed wire is in good condition	None	None	NA	None
Inspect gates, chains, and locks for damage	None	None	NA	None
Inspect fence to determine if any vegetation is damaging or otherwise compromising fence	8) Vegetation on fence	Area identified for herbicide treatment which is performed during warmer months of the year.	NA	City performs periodic herbicide applications for vegetation control.
Inspect fence to determine if there is any burrowing beneath fence	None	None	NA	None
Identify any other observations related to the condition of the fence and potential for fence damage (e.g., points of weakness, corrosion)	None	None	NA	None
5. Aboveground Stormwater Conveyance System	1			
Inspect aboveground stormwater conveyance system including piping, downspouts, and drain in southwest corner of site for proper operation	Cement from overhead system Storm drain leader off of water down-spout	MdTA notified	4/24/2014	Discussed cleanup of cement residue with MdTA's bridge maintenance contractor.
6. Vandalism				
Inspect site for any vandalism including any dumped material on-site and damage to monitoring wells	None	None	NA	None
Identify any other observations related to vandalism on the site	None	None	NA	None
7. Signage		I		
Inspect warning signs on exterior perimeter of fence to determine condition and readability. Identify number of signs removed/damaged/unreadable and locations via description or Site Plan (attach to Monthly Site Inspection Checklist)	None	None	NA	None
8. Miscellaneous Items	<u> </u>	I	1	I.
Any interaction with people on or adjacent to the lite? If yes, identify who, title, organization, contact information, and content of interaction				e; and Jim Leizear, MDE.
Other Comments/Observations?	None			



Date of Inspection:

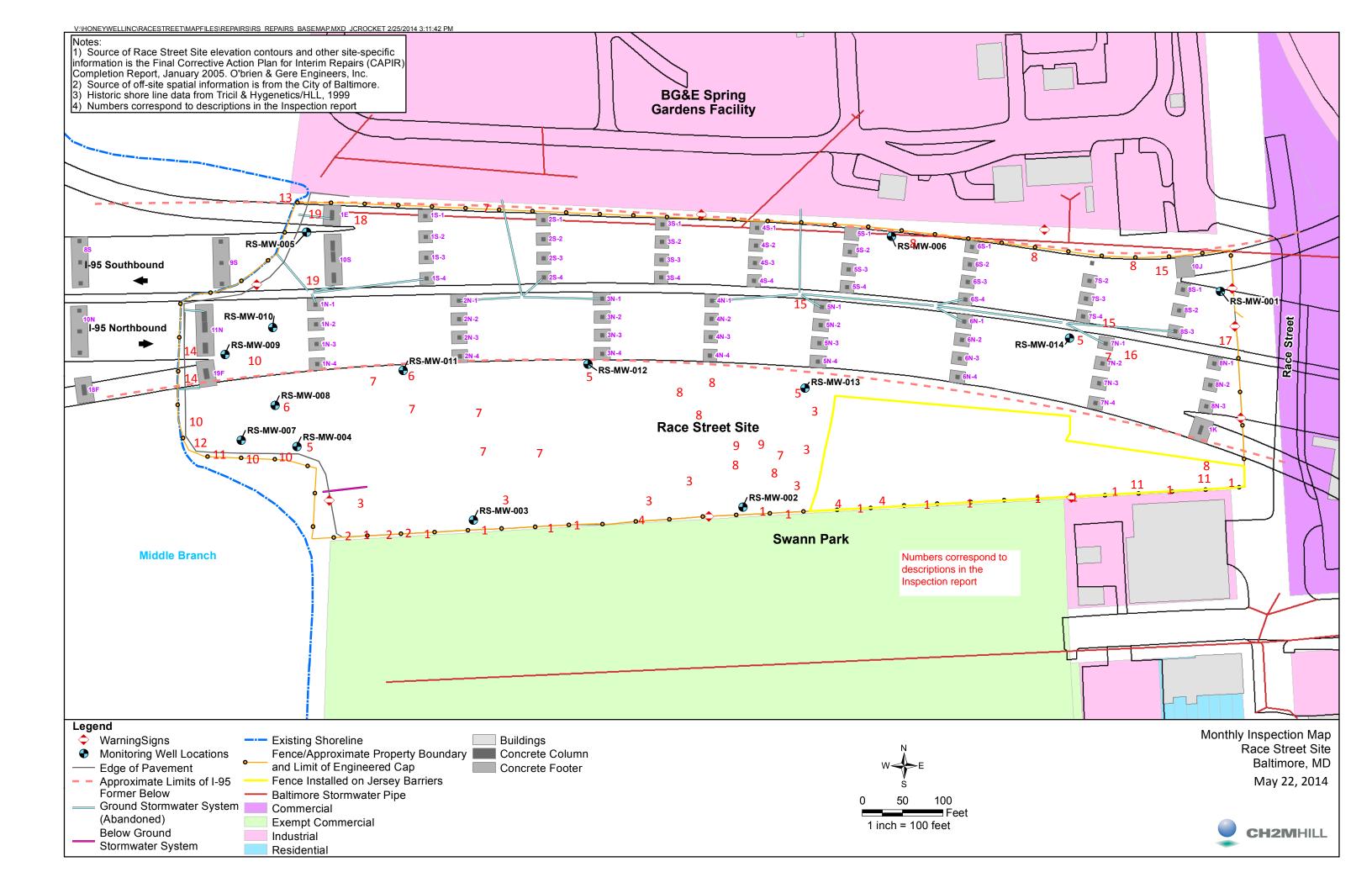
22-May-14

Kenneth Biles

Inspector:

mspector.		Date of Inspection.		
Title:	Assistant Project Manager	Date of Last Inspection:	24-Apr-14	
Organization:	CH2M HILL	Weather:	Warm with periods of rain	
Site Inspection	Results			1
Task	Observations	Actions Taken	Date Completed	Comments/Additional Observations
1. General	o soon valuerie	/ tottorio i artori	- Late Completed	Commented Coortainer
Inspect site for presence of surface debris. Identify type, approximate volume of debris, and location via description or on Site Plan (attach to Monthly Site Inspection Checklist).	,	City notified	27-May-14	Developing scope for Q3 2014 cap repair. City will perform site maintenance including herbicide treatment of vegetation.
Inspect site for presence of vegetation. Identify estimated amount and location of vegetation via description or on Site Plan (attach to Monthly Site Inspection Checklist)	Vegetation along fence Area with overgrown vegetation	City notified	27-May-14	City performs period site maintenance including herbicide treatment of vegetation.
2. Interstate 95 Footings and Joints				
Inspect around pier footings for settlement. Identify settlement off-set from grade and location via description or on Site Plan (attach to Monthly Site Inspection Checklist)	None	None	NA	NA
Inspect around pier footings for joint failure. Identify location via description or on Site Plan (attach to Monthly Site Inspection Checklist)	None	None	NA	NA
3. Engineered Cap				
Inspect cap for alligator cracking. Identify estimated area of cracking and location via description or on Site Plan (attach to Monthly Site Inspection Checklist)	Area of alligator cracking Alligator cracking with asphalt spalling	Identified as an area for future cap maintenance.	NA	Cap repairs will be performed during Q3 2014 including crack sealing and asphalt patching.
Inspect cap for holes. Identify number of holes, width and depth, and location via description of on Site Plan (attach to Monthly Site Inspection Checklist)	10) Hole/spalling of cap	Identified as an area for future cap maintenance.	NA	Cap repairs will be performed during Q3 2014 including crack sealing and asphalt patching.
Inspect cap for cracks less than 0.5 inches wide. Note number of cracks. Identify location of cracks via description or on Site Plan (attach to Monthly Site Inspection Checklist).	8) Crack in cap locations 14)Cement crack near pile cap	Identified as an area for future cap maintenance.	NA	Developing scope for Q3 2014 cap repair.
Inspect cap for cracks greater than 0.5 inches wide. Note number of cracks. Identify location of cracks via description or on Site Plan (attach to Monthly Site Inspection Checklist).	2) Crack along edge of cap	Identified as an area for future cap maintenance.	NA	Developing scope for Q3 2014 cap repair.
Inspect cap for any signs of ponding of water	16) Localized areas with standing water following rain events.	Identified as an area for future cap maintenance.	NA	Developing scope for Q3 2014 cap repair.
Inspect shorefront embankment for evidence of erosion or releases	None	None	NA	NA
Identify any other observations related to the condition of the cap and potential for cap damage	18) Localized area with minimal settlement	Identified as an area for future cap maintenance.	NA	Developing scope for Q3 2014 cap repair.
4. Fence	L	I .		

Cita Inanastian	Depulte	<u> </u>		
Site Inspection		Actions Taken	Data Campleted	Comments / Additional Observations
Task	Observations	Actions Taken	Date Completed	Comments/Additional Observations
Inspect fence for holes. Note number of holes. Identify location of holes via description or on Site Plan (attach to Monthly Site Inspection Checklist).	None	None	NA	NA
Inspect fence to determine if there is any erosion compromising the integrity of the fence	None	None	NA	NA
Inspect fence to determine if barbed wire is in good condition	17) Damaged barbed wire top guard	City notified	27-May-14	City will perform site maintenance including fence repairs
Inspect gates, chains, and locks for damage	None	None	NA	NA
Inspect fence to determine if any vegetation is damaging or otherwise compromising fence	11) Vegetation on and through fence	City notified.	27-May-14	City performs periodic site maintenance including herbicide treatment of vegetation
Inspect fence to determine if there is any burrowing beneath fence	None	None	NA	NA
Identify any other observations related to the condition of the fence and potential for fence damage (e.g., points of weakness, corrosion)	18) Fence is bowed out slightly	City notified.	27-May-14	City will perform site maintenance including fence repairs.
5. Aboveground Stormwater Conveyance System				
Inspect aboveground stormwater conveyance system including piping, downspouts, and drain in southwest corner of site for proper operation	15) Storm drain pipe disconnected 19) Drain pipe to storm basin missing	MdTA notified	28-May-14	MdTA to make repairs as part of bridge maintenance activities.
6. Vandalism	<u> </u>	L		1
Inspect site for any vandalism including any dumped material on-site and damage to monitoring wells	None	None	NA	NA
Identify any other observations related to vandalism on the site	None	None	NA	NA
7. Signage			l .	1
Inspect warning signs on exterior perimeter of fence to determine condition and readability. Identify number of signs removed/damaged/unreadable and locations via description or Site Plan (attach to Monthly Site Inspection Checklist)	None	None	NA	NA
8. Miscellaneous Items		•		
Any interaction with people on or adjacent to the site? If yes, identify who, title, organization, contact information, and content of interaction				
Other Comments/Observations?	5) Bent well bollard 6) Bent well casing 13) Animal burrow near fence and edge of asphalt cap			



Date of Inspection:

19-Jun-14

Kenneth Biles

Inspector:

mspector.		Date of Hispection.		
Title:	Assistant Project Manager	Date of Last Inspection:	22-May-14	
Organization:	CH2M HILL	Weather:	Hot, Clear, Heavy Rains over night	
Site Inspection	Results			
Task	Observations	Actions Taken	Date Completed	Comments/Additional Observations
1. General				
Inspect site for presence of surface debris. Identify type, approximate volume of debris, and location via description or on Site Plan (attach to Monthly Site Inspection Checklist).		Site-wide cleanup performed.	30-Jun-14	City performed site-wide maintenance.
Inspect site for presence of vegetation. Identify estimated amount and location of vegetation via description or on Site Plan (attach to Monthly Site Inspection Checklist)	Localized section fence line with vegetation.	Area identified for herbicide treatment which is performed during warmer months of the year.	NA	City performs period site maintenance including herbicide treatment of vegetation
2. Interstate 95 Footings and Joints				
Inspect around pier footings for settlement. Identify settlement off-set from grade and location via description or on Site Plan (attach to Monthly Site Inspection Checklist)	None	None	NA	NA
Inspect around pier footings for joint failure. Identify location via description or on Site Plan (attach to Monthly Site Inspection Checklist)	None	None	NA	NA
3. Engineered Cap				
Inspect cap for alligator cracking. Identify estimated area of cracking and location via description or on Site Plan (attach to Monthly Site Inspection Checklist)	9) Alligator cracking	Identified as an area for future cap maintenance.	NA	Developing scope for Q3 2014 cap repair.
Inspect cap for holes. Identify number of holes, width and depth, and location via description of on Site Plan (attach to Monthly Site Inspection Checklist)	7) Locations with small holes in asphalt	Identified as an area for future cap maintenance.	NA	Developing scope for Q3 2014 cap repair.
Inspect cap for cracks less than 0.5 inches wide. Note number of cracks. Identify location of cracks via description or on Site Plan (attach to Monthly Site Inspection Checklist).	5) Cracks with vegetation	Identified as an area for future cap maintenance.	NA	City of Baltimore planning to apply herbicide to vegetation in crack in asphalt surface.
Inspect cap for cracks greater than 0.5 inches wide. Note number of cracks. Identify location of cracks via description or on Site Plan (attach to Monthly Site Inspection Checklist).	9) Localized areas where asphalt has 0.5" cracks.	Identified as an area for future cap maintenance.	NA	Developing scope for Q3 2014 cap repair.
Inspect cap for any signs of ponding of water	15) Localized areas with standing water following rain events.	Identified as an area for future cap maintenance.		CAP repairs including paving of settled area will be addressed during Q3 2014 paving work.
Inspect shorefront embankment for evidence of erosion or releases	None	None	NA	NA
Identify any other observations related to the condition of the cap and potential for cap damage	b) Localized damaged area of asphalt berm Hole in cap near surface water drain	Identified as an area for future cap maintenance.	30-Jun-14	City performed site-wide maintenance. Developing scope for Q3 2014 cap repair.
4. Fence	ı	ı	L	

20	<u> </u>	- mapeetion oneckilat		
Site Inspection				1
Task	Observations	Actions Taken	Date Completed	Comments/Additional Observations
Inspect fence for holes. Note number of holes. Identify location of holes via description or on Site Plan (attach to Monthly Site Inspection Checklist).	3) Hole in fencing	Cite performed site cleanup and site maintenance.	30-Jun-14	City performs period site maintenance including herbicide treatment of vegetation and fence repairs.
Inspect fence to determine if there is any erosion compromising the integrity of the fence	None	None	NA	NA
Inspect fence to determine if barbed wire is in good condition	None	None	NA	NA
Inspect gates, chains, and locks for damage	None	None	NA	NA
Inspect fence to determine if any vegetation is damaging or otherwise compromising fence	8) Vegetation on fence	City performed site-wide cleanup and maintenance.	30-Jun-14	City performs period site maintenance including herbicide treatment of vegetation
Inspect fence to determine if there is any burrowing beneath fence	None	None	NA	NA
Identify any other observations related to the condition of the fence and potential for fence damage (e.g., points of weakness, corrosion)	None	None	NA	NA
5. Aboveground Stormwater Conveyance System			•	
Inspect aboveground stormwater conveyance system including piping, downspouts, and drain in southwest corner of site for proper operation	10) Clogged downspout1) Missing leader on storm drain pipe14) Storm drain down pipe removed	Ongoing maintenance of bridge is ongoing.	June - August 2014 MdTA notified 7-8-14	MdTA is performed bridge maintenance during Q2 2014.
6. Vandalism				
Inspect site for any vandalism including any dumped material on-site and damage to monitoring wells	None	None	NA	NA
Identify any other observations related to vandalism on the site	None	None	NA	NA
7. Signage		-1	1	
Inspect warning signs on exterior perimeter of fence to determine condition and readability. Identify number of signs removed/damaged/unreadable and locations via description or Site Plan (attach to Monthly Site Inspection Checklist)	None	None	NA	NA
8. Miscellaneous Items	l		1	I
Any interaction with people on or adjacent to the site? If yes, identify who, title, organization, contact information, and content of interaction	Bill Morris, CH2M HILL; Josh Floyd with ER	M on behalf of the COB; and James L	eizear, MDE were o	onsite for the inspection.
Other Comments/Observations?	11) Animal burrow near fence and edge of asphalt cap; 12) Bent monitoring well protective casing.			

