

MEMORANDUM

TO: Billy Meyer

FROM: Laura Powers, P.E.
C. Chan Bryant, P.E.

DATE: November 8, 2012

PROJECT: BB&T Site, DSCA ID32-0013
1103 W Club Blvd
Durham, NC

SUBJECT: Bi-Weekly Update

Withers & Ravenel (W&R) has completed backfill activities and installation of the soil vapor vents at the site. Outdoor air monitoring has been completed, and a final ambient air sample will be collected on November 8th, 2012. The site will be paved the week of November 19th, 2012. The revised schedule is provided in **Attachment A**. All proposed dates for completion and sampling are subject to minor delays from wet weather.

Upcoming Sampling Events

The following sampling events are scheduled for this month in accordance with the revised post-excavation monitoring plan detailed in the previous update:

- W&R began monthly Radiello indoor air sampling from 1419 & 1421 Dollar Ave on November 6th, 2012.
- A 3-hour summa canister indoor air sample will be from 1414 Watts St on November 11th, 2012.
- Replacement groundwater monitoring wells and soil vapor monitoring well are scheduled to be installed on the site the week of November 26th, 2012, after which W&R will complete the soil vapor sampling event.

Project updates with sampling results will be provided to the public after each sampling event.

ATTACHMENT A
Remediation Schedule

~ November 2012 ~

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
				Deliver, Place & Compact ABC Stone		
				Outdoor Air Monitoring		
4	5	6	7	8	9	10
		1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave				
				Final Outdoor Air Sampling Event		
11	12	13	14	15	16	17
		1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave				
3 Hour Summa Canister Indoor Air Sampling at 1414 Watts St						
18	19	20	21	22	23	24
	1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave					
	Replace Asphalt Paving			Holiday	Holiday	
25	26	27	28	29	30	
	1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave					
	Install Groundwater & Soil Vapor Monitoring Wells		Sample Soil Vapor Monitoring Wells & Vapor Vent		Remove Security Fence	
					Monthly Update	
						Notes: Schedule tentative and subject to change. Please check http://portal.ncdenr.org/web/wm/dsca/bbt_updates regularly for any changes in the schedule.

~ December 2012 ~

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4	5	6	7	8
9	10	11	12	13	14 Sample Vapor Vents	15
16	17	18	19	20	21	22
23	24 Holiday	25 Holiday	26	27	28 Monthly Update	29
30	31	Notes: Schedule tentative and subject to change. Please check http://portal.ncdenr.org/web/wm/dsca/bbt_updates regularly for any changes in the schedule.				

~ January 2013 ~

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday		
		1 Holiday	2	3	4	5		
1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave								
Sample Groundwater Monitoring				Sample Soil Vapor Monitoring Wells & Vapor Vents				
6	7	8	9	10	11	12		
1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave								
3 Hour Summa Canister Indoor Air Sampling at 1414 Watts St								
13	14	15	16	17	18	19		
1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave								
20	21	22	23	24	25	26		
1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave								
27	28	29	30	31	Notes: Schedule tentative and subject to change. Please check http://portal.ncdenr.org/web/wm/dsca/bbt updates regularly for any changes in the schedule.			
1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave								
				Monthly Update				

~ June 2013 ~

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4	5	6	7	8
3 Hour Summa Canister Indoor Air Sampling at 1414 Watts St	1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave					
	Sample Groundwater Monitoring		Sample Soil Vapor Monitoring Wells			
9	10	11	12	13	14	15
1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave						
16	17	18	19	20	21	22
1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave						
23	24	25	26	27	28	29
1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave						
					Monthly Update	
30	Notes: Schedule tentative and subject to change. Please check http://portal.ncdenr.org/web/wm/dsca/bbt_updates regularly for any changes in the schedule.					

~ July 2013 ~

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4 Holiday	5	6
7	8	9	10	11	12	13
	Inject Adventus EHC					
14	15	16	17	18	19	20
	Inject Adventus EHC					
21	22	23	24	25	26	27
	Inject Adventus EHC					
28	29	30	31	Notes: Schedule tentative and subject to change. Please check http://portal.ncdenr.org/web/wm/dsca/bbt_updates regularly for any changes in the schedule.		
			Monthly Update			

~ August 2013 ~

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Notes: Schedule tentative and subject to change. Please check http://portal.ncdenr.org/web/wm/dsca/bbt_updates regularly for any changes in the schedule.				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
	Sample Groundwater & Soil Vapor Monitoring Wells					
18	19	20	21	22	23	24
25	26	27	28	29	30	31
					Monthly Update	

~ September 2013 ~

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave						
Sample Groundwater & Soil Vapor Monitoring Wells						
8	9	10	11	12	13	14
1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave						
3 Hour Summa Canister Indoor Air Sampling at 1414 Watts St						
15	16	17	18	19	20	21
1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave						
22	23	24	25	26	27	28
1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave						
29	30	Notes: Schedule tentative and subject to change. Please check http://portal.ncdenr.org/web/wm/dsca/bbt_updates regularly for any changes in the schedule.				
	Monthly Update					
30 Day Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave						

~ October 2013 ~

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday		
		1	2	3	4	5		
		Sample Groundwater & Soil Vapor Monitoring Wells						
		30 Day Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave						
6	7	8	9	10	11	12		
30 Day Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave								
3 Hour Summa Canister Indoor Air Sampling at 1414 Watts St								
13	14	15	16	17	18	19		
1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave								
20	21	22	23	24	25	26		
1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave								
27	28	29	30	31	Notes: Schedule tentative and subject to change. Please check http://portal.ncdenr.org/web/wm/dsca/bbt_updates regularly for any changes in the schedule.			
1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave								
				Monthly Update				

~ November 2013 ~

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Notes: Schedule tentative and subject to change. Please check http://portal.ncdenr.org/web/wm/dsca/bbt_updates regularly for any changes in the schedule.					1	2
					30 Day Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave	
3	4	5	6	7	8	9
1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave						
3 Hour Summa Canister Indoor Air Sampling at 1414 Watts St						
10	11	12	13	14	15	16
1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave						
17	18	19	20	21	22	23
1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave						
				Holiday		
24	25	26	27	28	29	30
1 Month Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave						
					Monthly Update	