



North Carolina Department of Environment and Natural Resources

Division of Waste Management

Dexter R. Matthews

Director

Beverly Eaves Perdue
Governor

Dee Freeman
Secretary

October 4, 2012

BB&T Site Biweekly Update

As reported in the September 20, 2012 biweekly update, samples taken from soil backfill in the excavation at the BB&T site confirmed that the backfill contained low concentrations of total petroleum hydrocarbons (TPH) consistent with diesel motor fuels. Based on those results and the uncertainty of the distribution of potential contaminants in the backfill, the DSCA Program concluded that backfill was unsuitable and should be removed from the excavation and clean backfill placed as soon as possible. Furthermore the scope of the Remedial Action Plan (RAP), as stated in section 6.1.4, was that "Clean soil will... be placed in the excavation".

Withers and Ravenel has been working with appropriate regulatory agencies to obtain approval for a plan to remove, sample, and properly manage the excavated backfill. They have obtained acceptance from those respective agencies and the removal of backfill resumed on October 4, 2012. The schedule for completing the remaining portion of the project, including backfill removal and replacement, soil vapor monitoring, indoor air monitoring, injection of EHC, and groundwater monitoring is attached to this letter. Outdoor air monitoring will occur throughout the duration of the backfill removal and replacement – meeting the standard of the RAP.

Other than the time delay that this issue has caused, the impacted backfill should not have caused any adverse affect on the outdoor air quality, soil vapor, groundwater quality or indoor air concentrations in nearby structures.

If you have any comments or questions please contact Billy Meyer at 919-707-8366 or by email at billy.meyer@ncdenr.gov.

Sincerely,

Billy Meyer
DSCA Project Manager

~ October 2012 ~

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
				Soil backfill removal from excavation		
			Bi-weekly Update			
				Outdoor Air Monitoring		
7	8	9	10	11	12	13
	Soil backfill removal from excavation					
	Outdoor Air Monitoring					
14	15	16	17	18	19	20
	Soil backfill removal from excavation					
			Bi-weekly Update			
	Outdoor Air Monitoring					
21	22	23	24	25	26	27
	Soil backfill replacement for excavation					
	Outdoor Air Monitoring					
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.		
	Install Vents & Soil Vapor Points					
		Install Vent Laterals to Header Location				
			Bi-weekly Update			

~ November 2012 ~

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
				Install Utility Pole Riser		
	Outdoor Air Monitoring					
4	5	6	7	8	9	10
	Deliver, Place & Compact ABC Stone		Final Outdoor Air Sampling Event	Replace Asphalt Paving		
11	12	13	14	15	16	17
	Inject Adventus EHC					
				Sample Soil Vapor Monitoring Wells (45 days post Daramend)		
18	19	20	21	22	23	24
	Inject Adventus EHC					
25	26	27	28	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.
	Inject Adventus EHC					
					Remove Security Fence	

~ December 2012 ~

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4	5	6	7	8
	Inject Adventus EHC					
9	10	11	12	13	14	15
	Replace Monitoring Wells on Property					
					Monthly Update	
16	17	18	19	20	21	22
3 Hour Summa Canister Indoor Air Sampling at 1414 Watts St	Sample Groundwater & Soil Vapor Monitoring Wells				24 Hour Summa Canister Indoor Air Sampling at 1419 & 1421 Dollar Ave	
23	24	25	26	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.				

~ January 2013 ~

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday		
		1	2	3	4	5		
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								
13	14	15	16	17	18	19		
30 Day Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave								
20	21	22	23	24	25	26		
30 Day Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave								
		Sample Groundwater & Soil Vapor Monitoring Wells						
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.			
30 Day Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave								
3 Hour Summa Canister Indoor Air Sampling at 1414 Watts St		24 Hour Summa Canister Indoor Air Sampling at 1419 & 1421 Dollar Ave						