

Jamestown Engineering Group, Inc.

Daily Field Report

117 E. Main Street
P.O. Box 365
Jamestown, NC 27282
(336) 886-5523
fax: (336) 886-5478

Arrival Time:	4:30 PM	Project:	Riverdale Landfill
Departure Time:	6:00 PM	Job Number:	2005-165-6B
Date:	7/28/10	Weather:	PARTLY CLOUDY/ 87°F
Location:	LANDFILL –R IVERDALE Rd.	Visited By:	Ravindra Bissram, Rich Glover
Contractor:	Smith & Jennings		

Observations:

1. Rich Glover visited the site at approximately 11:30 am prior to the blasting of rock. He noted that the silt fence that was installed at the edge of disturbance needed to be keyed in better. David Smith also mentioned that he would install donut protection at the FES and check dams along the disturbed route. With the previous day rainfall, a little amount of sediment had migrated behind the silt fence. He discussed with the contractor to remove the migrating sediment. At this time, the blasting crew Blue Ridge Drilling and Blasting, Inc. (336) 674-5182 (2404 Varner Road, Greensboro, NC 27406) was still in the process of drilling and setting up dynamite to blast the rock. The foreman was Lenny Stiffler.
2. At 4:30 Ravindra visited the site. The blast took place sometime after 3:00 pm once approval from the City of High Point was granted. Upon visit, creek area was completely disturbed. Ravindra saw the foreman of Smith and Jennings – John Kavenaugh to find out why equipment was working in the area to remain undisturbed. John informed Rav that the blasting had blown out the end of the blast area. Rocks, dust and debris had been projected to the pump station generator housing as well as the pump station some 300 feet down the hill. Upon arrival, Smith and Jennings was in the process of removing debris from the creek and buffer area. Rav called Rich upon arrival expressing the concerns with what has taken place, Rich arrived at the scene within 15 minutes. Rich immediately contacted the environmental consultant – Bob Zarzaki with S&EC (919) 846-5900 (11010 Raven Ridge Rd, Raleigh, NC 27614) to figure out what needed to be done. At that time, the instructions were remove the debris from the creek, and leave the ground at the original grade. A meeting was scheduled with Bob at 10:00 am on 7/29/10 to determine the remedy on the problem. Attached is a picture of the blast site.

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Arrival Time:	10:00 AM	Project:	Riverdale Landfill
Departure Time:	11:15 AM	Job Number:	2005-165-6B
Date:	7/29/10	Weather:	PARTLY CLOUDY/ 90°F
Location:	LANDFILL –R IVERDALE Rd.	Visited By:	Ravindra Bissram, Rich Glover
Contractor:	Smith & Jennings		

Observations:

1. The meeting at 10:00 consisted of Bob Zarzaki with S&EC (919) 846-5900 (11010 Raven Ridge Rd, Raleigh, NC 27614), Mike Demario – Blue Ridge Blasting, John Kavenaugh – Smith and Jennings, Rav & Rich – Jamestown Engineering Group. Bob examined the damage, walking down from the disturbed area. The extent of damage to the stream area was more or less limited to the area of the blast site. He instructed the contractor to stabilize the stream crossing, removing all debris, restoring the banks to as close to natural as possible and use a seed mix which would grow in the July/August climate. Matting was recommended but used at the discretion of the contractor, but recommended by JEG. A check dam was recommended at the downstream end of the disturbance in the event that an afternoon shower appeared during the cleanup, but must be removed by hand once the channel repair was complete. Silt fence was recommended once out of the stream area on the approved construction side, and the other side of the channel should be restored to previous conditions (grade wise). A planting schedule (mentioned in item #2) will be prepared for re-vegetation of the buffer area. Bob had recommended installation of the storm drainage, stabilize and move up the hill as quickly as possible.
2. With respect to the unapproved impact, Bob was going to prepare a memo to issue to the state on exactly what happened. The memo was to be prepared and issued by the end of Friday – 7-30-10. Copies would be provided to Rich or Rav once prepared. Bob informed everyone that it was possible that Sue Homewood from the Division of Water Quality would probably visit the site next week to assess the damage and the Corps of Engineers could also possibly visit the site. In this memo, Bob was preparing a planting list for review and approval by the state to re-establish the impacted buffer area. The blasting outfit was continuing blasting up the storm line and Smith & Jennings was continuing the cleanup at the commencement of the meeting.



