

Broome County Division of Solid Waste Management

Barbara J. Fiala, Broome County Executive • Daniel A. Schofield, Deputy Commissioner



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November 3, 2010

Mr. Payson Long
NYSDEC
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7013



RE: Colesville Landfill Cap Regrading Report

Dear Mr. Long:

Enclosed is the Colesville Landfill Cap Maintenance Report - Regrading for Drainage. This work was successfully completed in August as planned.

Thank you for your help and suggestions for fixing the cap settlement; it seems to have turned out well.

Sincerely,

A handwritten signature in cursive script that reads "Laurie Haskell".

Laurie Haskell, Solid Waste Management Specialist
Broome County Division of Solid Waste

CC: Daniel Schofield, Deputy Commissioner

Enclosure

Colesville Landfill
Cap Maintenance Report – Regrading for Drainage
October 2010



Repaired Settlement, picture taken on 8/26/10

In accordance with the NYSDEC approved Work Plan, Broome County successfully conducted landfill cap maintenance in the settlement area at the Colesville Landfill in August of 2010. On August 5, 2010 Broome County Landfill employees mobilized equipment to the site and installed silt fencing. From August 9th through August 12th the drainage channel was installed, the area around it was re-graded, then seeded and mulched. Heavy rain came through the area on August 23rd and the site was checked on August 26th. Everything was intact and there were no signs of erosion.

The following are pictures taken while work was in progress.



Borrow area



Temporary haul road to borrow area with silt fence



East end of drainage channel and grading in settlement area



West end of drainage channel, borrow area in background



South End of Ditch



Rock over fabric in new ditch

The following are pictures taken two weeks after the completion of work.



Haul road seeded and mulched, picture taken on 8/26/10



Ditch and graded area, pictured on 8/26/10

Employee Hours and Equipment

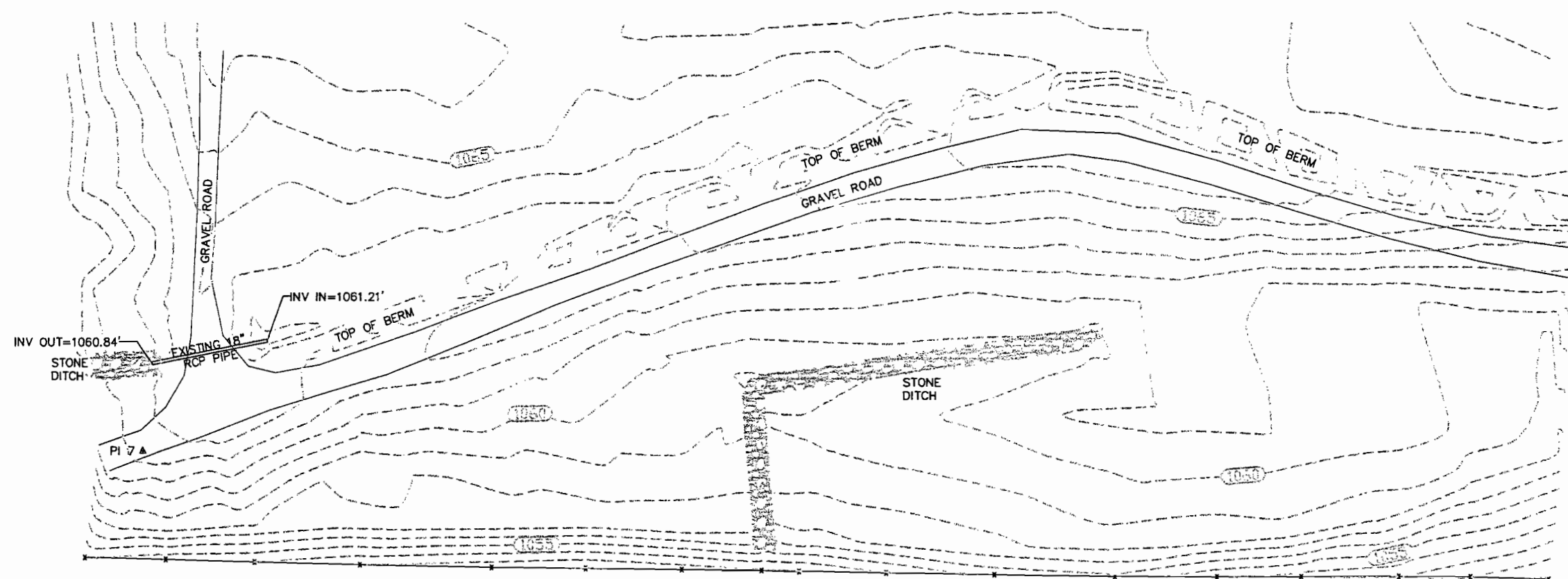
Date	Employee	Hours	Equipment and/or task
8/5/10	Chris Thomas	7.5	Lowboy/ Mobilization
8/5/10	Curt Zanker	6	Cat D-6 Dozer/ clearing and grubbing
8/5/10	Jason Keough	6	Installed silt fencing
8/9/10	Chris Thomas	9	Hyundai Excavator 320/ dug ditch, stone and fill
8/9/10	Curt Zanker	9	Cat D-6 dozer / cleared topsoil and graded low area
8/9/10	Jason Keough	8.5	Freightliner dump truck / hauled fill, labor
8/10/10	Chris Thomas	9	Hyundai Excavator 320 / loaded fill, cleared, hauled
8/10/10	Curt Zanker	9	Cat D-6 dozer / graded fill and topsoil
8/10/10	Jason Keough	8.5	Freightliner dump truck / hauled fill
8/11/10	Chris Thomas	8.5	Lowboy / mobilization seed & mulch
8/11/10	Curt Zanker	9	Cat D-6 dozer / graded topsoil, mulching
8/11/10	Jason Keough	8.5	Seed and mulch
8/11/10	Terry Swarts	6	Mack rolloff truck / hauled and spread mulch
8/12/10	Jason Keough	5	Mulched borrow area
8/12/10	Chris Benning	5	Mulched borrow area
		114.5	Total hours


Materials Used

Quantity	Units	Description	Other
47	loads	fill	
4	loads	cobbles	87.47 tons
100	bales	hay	Mulch
300	feet	Geotextile fabric	drainage
70	gallons	fuel	Cat D-6
90	gallons	fuel	Hyundai excavator
500	feet	Silt fence	

Survey

A final survey was performed in October to verify drainage contours and is attached to this report. The survey crew noted that even after a period of significant rainfall, the ditch was functioning well and there was no standing water on the landfill cap.



DRAWN BY SRM	DESIGNED BY SRM	CHECKED BY LB
 BROOME COUNTY DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION BINGHAMTON, NEW YORK (607) 778-2909		

DRAWING NUMBER

1 OF 1

PROJECT COLESVILLE LANDFILL SETTLEMENT SURVER		
TITLE SETTLEMENT SURVEY		
PROJECT CODE SW1001	SCALE 1"=30'	DATE 10-20-10

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