

Permit No.	Scan Date	DIN
4504T-TRANSFER-1998	May 13, 2013	18950



RECEIVED
May 13, 2013
Solid Waste Section
Asheville Regional Office

Henderson County Engineering

Assistant County Engineer

100 North King Street, Suite 210
Hendersonville, North Carolina 28792
(828) 694-6521 | www.hendersoncountync.org

May 13, 2013

Larry Frost
Environmental Engineer
Department of Environmental and Natural Resources
Waste Management
Solid Waste Section
Permitting Branch
2090 US Hwy 70
Swannanoa, North Carolina 28778

RE: Converting Stormwater System into Leachate System

Dear Mr. Frost,

On May 10, 2013, Andrea Keller, Environmental Senior Specialist, of the Solid Waste Section made a follow up visit at 191 Transfer Station Drive in Hendersonville, NC. The follow up visit was for a visit from a visit on Monday of that same week with Manager Greg Wiggins. On the visit, Mr. Wiggins and Ms. Keller discussed the transfer station drain system being tied into what looked to be the stormwater system drains. Upon further review by Mr. Wiggins, it was found that Ms. Keller's assessment was correct. Mr. Wiggins drew up a sketch for Ms. Keller to review when she visited on Friday to review. I set in on the visit for Friday the 10th, and assisted in the discussions on the transfer station drains. Ms. Keller agreed the sketch looked as if it might be a good correction to the immediate issue of getting leachate into our stormwater system. She did suggest that the sketch be sent to the permitting branch to ensure that if a permit modification needed to be secured prior to work beginning we would be in compliance.

As we discussed on the phone on Friday, I have drawn up a sketch that shows the new layout of the system as best as I can with old imagery. The surface water in question is at the bottom of photograph at the left corner and the stormwater system at this time is directly piped to outfall into the stream. This sketch has the system rerouted directly into the grit chamber the pipe that is directed into the stream will either be removed or will be capped off so as not to be used in the future. There is a yard inlet farther down on the right side of the blue berm that we are creating that has another direct pipe to the stream and it will be strictly stormwater. This should fix the imminent threat of leachate getting into our stowmater system which could get into the surface water on our site, which could leave out site.

Please let me know if you need anything else to assess this sketch for compliance with permitting. We are ready to construct the minute your office gives us the clearance to go ahead. We appreciate your time and attention to this matter.

RE: Converting Stormwater System into Leachate System (Contd)

Thank you and do not hesitate to call if you have any questions or concerns to (828) 691-5079.

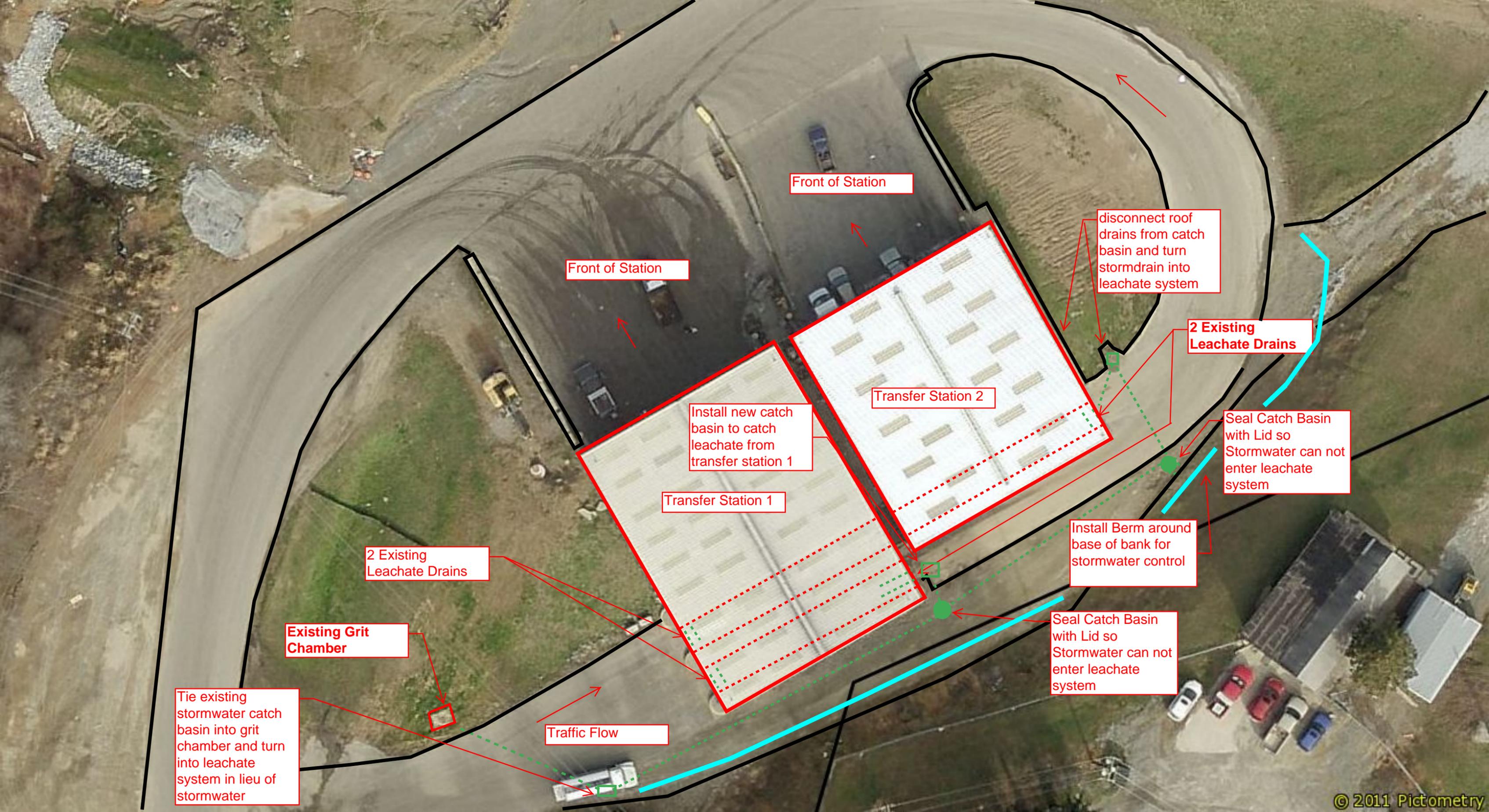
Sincerely,

Natalie J. Berry

Natalie J. Berry PE
Assistant County Engineer
Henderson County Engineering
100 North King Street, Suite 210
Hendersonville, NC 28791

CC: Andrea Keller, NCDENR
Greg Wiggins, Manager Solid Waste Henderson County
Marcus Jones PE, Director of Engineering Henderson County

Attachment: Sketch of Design



Front of Station

Front of Station

disconnect roof drains from catch basin and turn stormdrain into leachate system

2 Existing Leachate Drains

Transfer Station 2

Install new catch basin to catch leachate from transfer station 1

Seal Catch Basin with Lid so Stormwater can not enter leachate system

Transfer Station 1

Install Berm around base of bank for stormwater control

2 Existing Leachate Drains

Seal Catch Basin with Lid so Stormwater can not enter leachate system

Existing Grit Chamber

Tie existing stormwater catch basin into grit chamber and turn into leachate system in lieu of stormwater

Traffic Flow