



HENDERSON COUNTY ENGINEERING DEPARTMENT
 SOLID WASTE TRANSFER FACILITY
 191 TRANSFER STATION DRIVE
 HENDERSONVILLE, NC 28791

July 12, 2013

Permit No.	Scan Date	DIN
4504T-TRANSFER-1998	July 16, 2013	19306

Larry Frost
 Environmental Engineer
 Asheville Regional Office
 Solid Waste Section
 2090 US Highway 70
 Swannanoa, North Carolina 28778

RECEIVED
July 12, 2013
 Solid Waste Section
 Asheville Regional Office

SUBJECT: Converting Stormwater System into Leachate System, Approval
 Henderson County Transfer Facility, 4504T-TRANSFER-1998
 Henderson County, DIN 18951

VIA: E-mail followed up with original in US mail

Dear Mr. Frost,

In accordance with the approval letter dated May 13, 2013 from the solid waste section permitting branch, in regard to subject, enclosed you will find the as-built drawing dated June 28, 2013 regarding the final design as requested. If anything else is needed please let me know.

On another matter, Andrea Keller, Environmental Senior Specialist, with the Asheville Regional Office, Solid Waste Section wrote a Notice of Violation Compliance Inspection Report dated July 1, 2013 to Henderson County Transfer Station Permit 45-04T. In this report, she requested that the following items be sent to the solid waste section permitting branch for review and approval. In item a) the portion regarding the re-structuring of the on-site flow in order to restrict all leachate from reaching surface water drains and impervious surfaces is addressed in paragraph above. The rest will be addressed below:

- a) Submit a Plan to the Section for review and approval that details maintenance and cleanout schedules, tracking, or documentation of maintenance of the leachate collection system, and/or re-structuring of on-site flow in order to restrict all leachate from reaching surface water drains and impervious surfaces;
- b) Submit a Plan to the Section for review and approval that details contingency plans for leaking trailers;

I, certify that the leaking trailers situation was immediately addressed to keep any leachate from making its way to any surface waters. A plan is included with the submittal to Mr. Frost along with the leachate system repairs/re-routing as-built. A berm was constructed on the stream side of the trailers to provide a barrier. Also, several plastic buckets have been placed near the trailers for any leaks that may appear.

c) Upon completion of the corrective action(s) please notify me at (828) 296-4700. Plans for items (a) and (b) should be submitted for approval to:

Larry Frost
NCDENR Solid Waste Section
2090 US Highway 70
Swannanoa, NC 28778

After the solid waste section permitting branch reviews the additional items enclosed, please let us know if they are acceptable or if anything else will be needed.

If you have any questions please contact me at the office at (828) 694-6521, cell phone (828) 691-5079 or e-mail nberry@hendersoncountync.org.

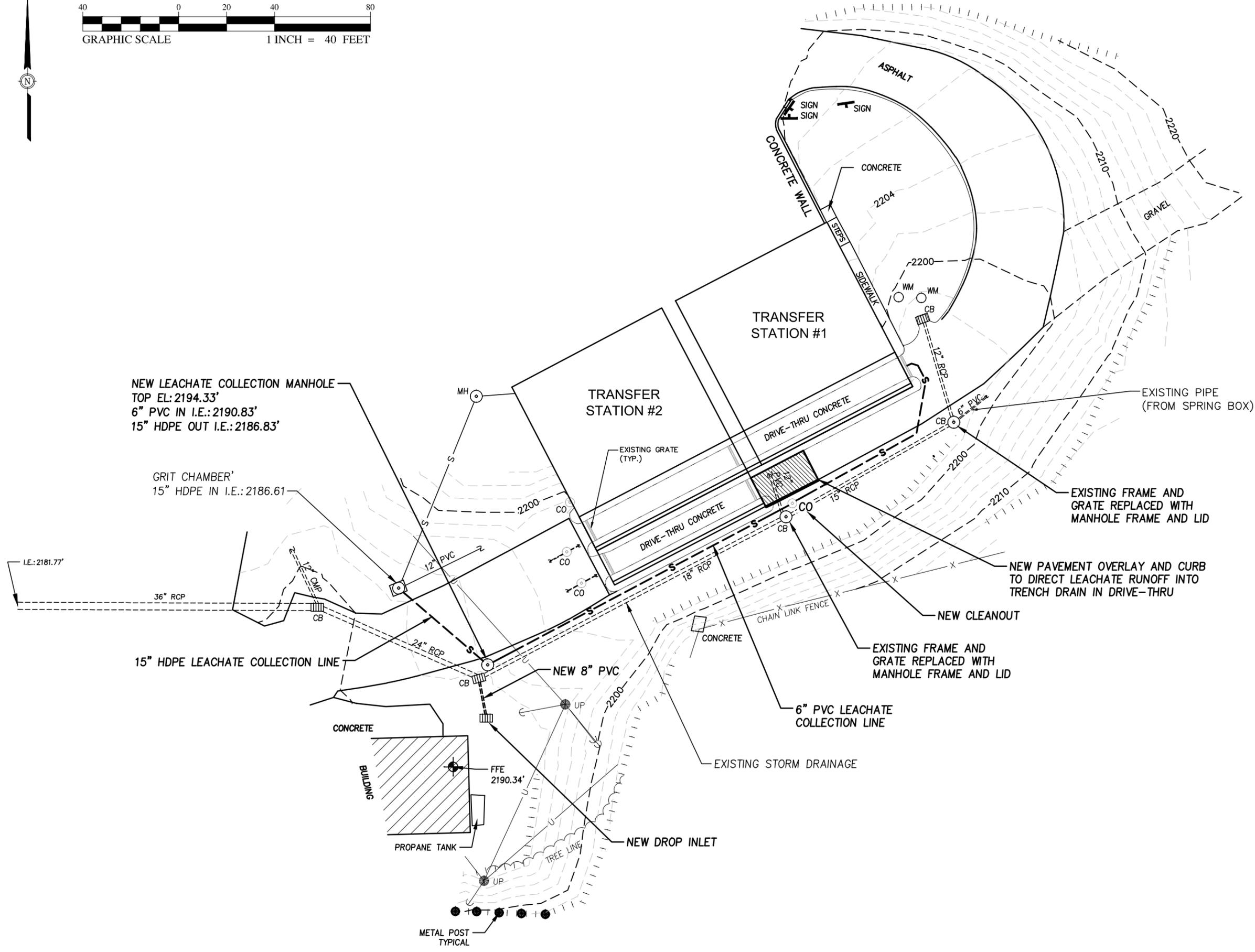
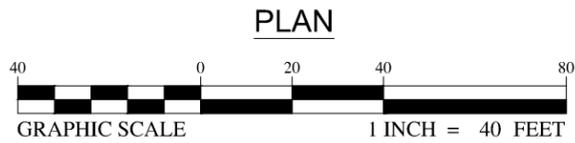
Sincerely,



Natalie J. Berry, PE
Assistant County Engineer
Henderson County Engineering Department

CC: Marcus A. Jones, PE – County Engineer
Henderson County Engineering
Greg Wiggins, Solid Waste Manager
Henderson County Solid Waste
Andrea Keller, Environmental Senior Specialist
NC DENR Asheville Regional Office Solid Waste Section

Enclosures:
Leachate System as-built Drawing dated 6/28/2013
Plan for Berms at trailers
Sweeper for transfer station



NEW LEACHATE COLLECTION MANHOLE
 TOP EL.: 2194.33'
 6" PVC IN I.E.: 2190.83'
 15" HDPE OUT I.E.: 2186.83'

GRIT CHAMBER'
 15" HDPE IN I.E.: 2186.61

15" HDPE LEACHATE COLLECTION LINE

TRANSFER STATION #2

TRANSFER STATION #1

BUILDING

PROPANE TANK

NEW 8" PVC

6" PVC LEACHATE COLLECTION LINE

EXISTING STORM DRAINAGE

NEW DROP INLET

METAL POST TYPICAL

EXISTING PIPE (FROM SPRING BOX)

EXISTING FRAME AND GRATE REPLACED WITH MANHOLE FRAME AND LID

NEW PAVEMENT OVERLAY AND CURB TO DIRECT LEACHATE RUNOFF INTO TRENCH DRAIN IN DRIVE-THRU

NEW CLEANOUT

EXISTING FRAME AND GRATE REPLACED WITH MANHOLE FRAME AND LID

EXISTING STORM DRAINAGE



TRANSFER STATION IMPROVEMENTS
 HENDERSON COUNTY LANDFILL
HENDERSON COUNTY
 HENDERSON COUNTY, NORTH CAROLINA

JOB NO.: 12.00722
 DATE: JUNE, 2013
 DESIGNED BY:
 CADD BY: BW
 DESIGN REVIEW:
 CONST. REVIEW:
 FILE NAME:
 RD-12.00722 Fig 1.dwg

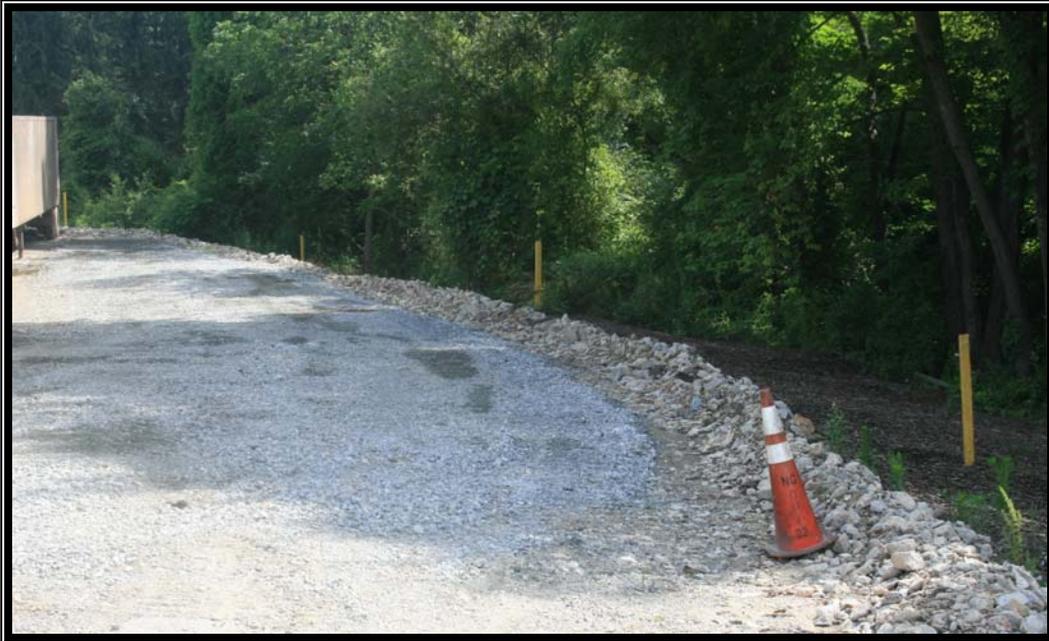
LEACHATE COLLECTION
 AS-BUILT DRAWING

FIGURE
 1

Q:\2012\12.00722\Archive\Solid Waste\Record\RD-12.00722 Fig 1.dwg 6/28/2013 2:27 PM BRIAN

No changes have been made to the leachate operational system, only to the landscaping the area to achieve positive drainage but not to include leachate.

Transfer Trailer Holding Area 6/28/2013, Maintenance and cleaning of the area.



Here you can see the

Significant build up of gravel edged with stones of larger sizing.



Area has been built up significantly with dirt, mulch and stone. Area listed to the left to keep any liquids if in the area could run up hill and down to the stream located down to the right of bottom photograph.



Maintenance of this area, cleaning the catch basins shown here minimum weekly or more if needed.

Cleaning them out requires using a sprayer, spraying into the boxes and pushing the leachate out into the pump station (sewer).

Johnston 605 series Sweeper



