

# Proposed Landfill – Schematic

## PROPOSED RANDOLPH COUNTY LANDFILL

### -What is leachate?

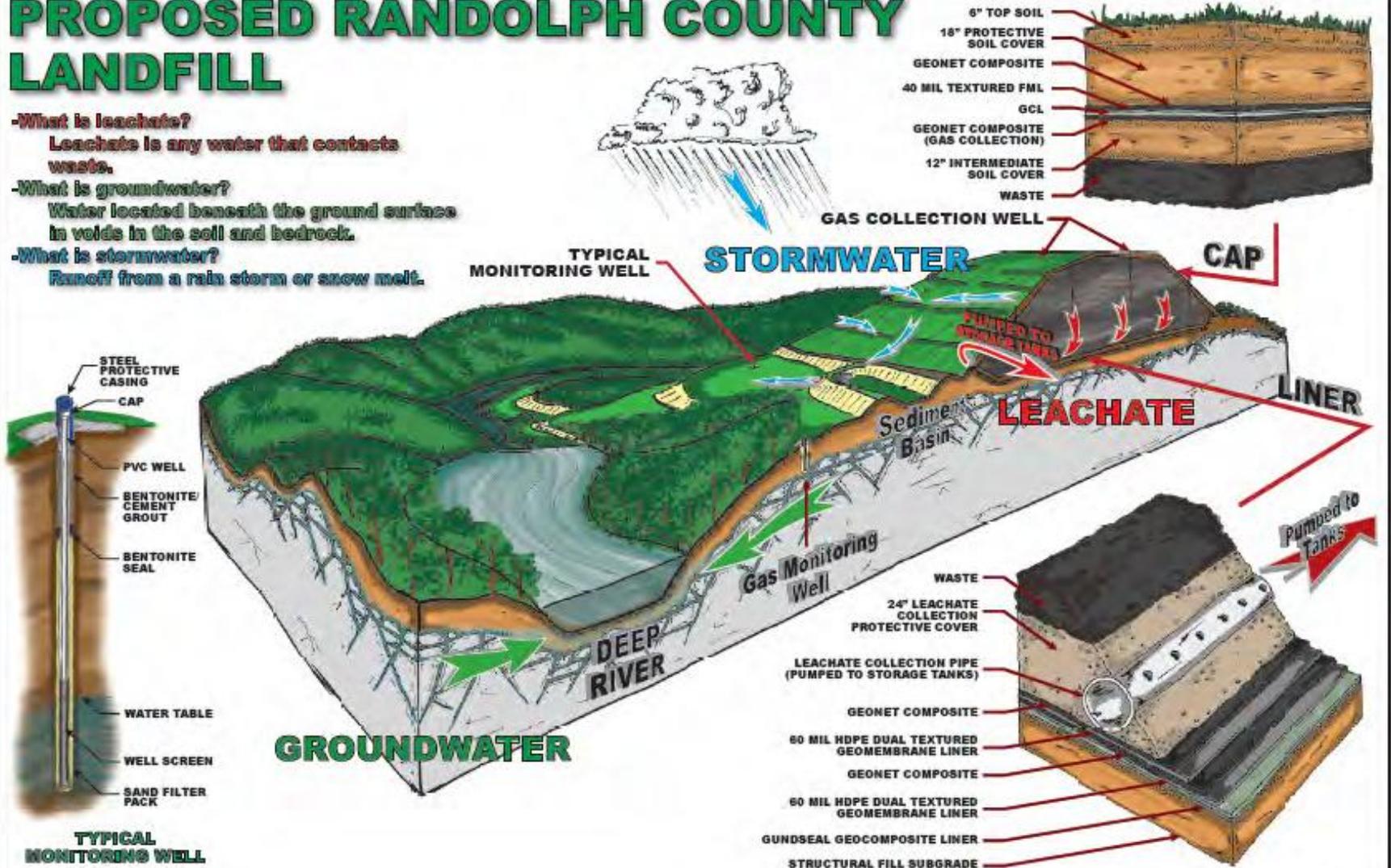
Leachate is any water that contacts waste.

### -What is groundwater?

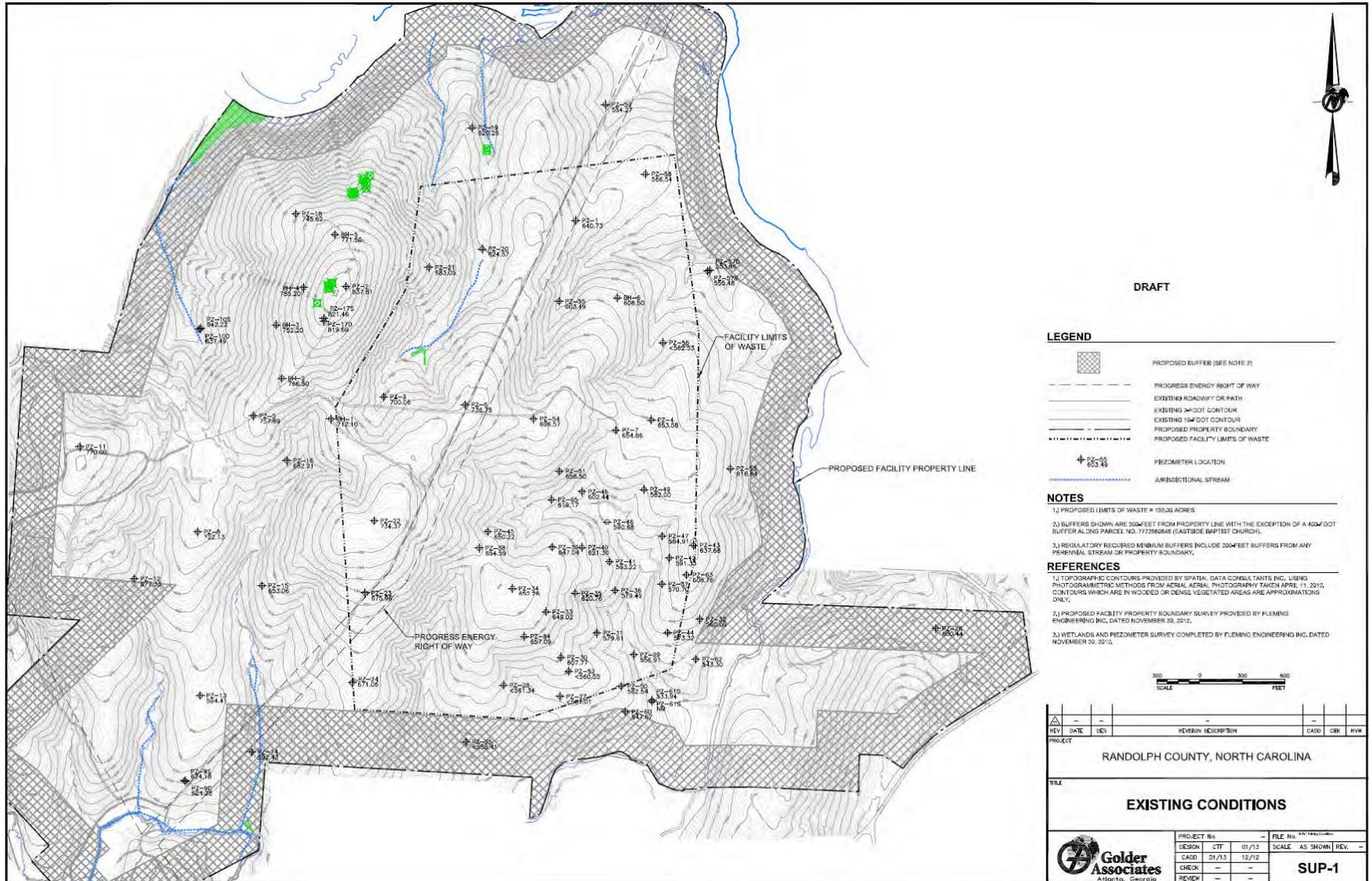
Water located beneath the ground surface in voids in the soil and bedrock.

### -What is stormwater?

Rainoff from a rain storm or snow melt.



# Proposed Landfill – Existing Conditions



DRAFT

**LEGEND**

-  PROPOSED BUFFER (SEE NOTE 2)
-  PROGRESS ENERGY RIGHT OF WAY
-  EXISTING ROADWAY OR PATH
-  EXISTING 1/4-DOT CONTOUR
-  EXISTING 1/4-DOT CONTOUR
-  PROPOSED PROPERTY BOUNDARY
-  PROPOSED FACILITY LIMITS OF WASTE
-  PEGZIMETER LOCATION  
PZ-55  
603.49
-  JURISDICTIONAL STREAM

**NOTES**

- 1.) PROPOSED LIMITS OF WASTE = 100.26 ACRES
- 2.) BUFFERS SHOWN ARE 500 FEET FROM PROPERTY LINE (WITH THE EXCEPTION OF A 400 FOOT BUFFER ALONG PARCEL NO. 777260648 (EASTSIDE BAPTIST CHURCH)).
- 3.) REGULATORY REQUIRED MINIMUM BUFFERS INCLUDE 200 FEET BUFFERS FROM ANY PERENNIAL STREAM OR PROPERTY BOUNDARY.

**REFERENCES**

- 1.) TOPOGRAPHIC CONTOURS PROVIDED BY SPATIAL DATA CONSULTANTS INC. USING PHOTOGRAMMETRIC METHODS FROM AERIAL AERIAL PHOTOGRAPHY TAKEN APRIL 11, 2015. CONTOURS WHICH ARE IN WOODED OR DENSE VEGETATED AREAS ARE APPROXIMATIONS ONLY.
- 2.) PROPOSED FACILITY PROPERTY BOUNDARY SURVEY PROVIDED BY FLEMING ENGINEERING INC. DATED NOVEMBER 30, 2015.
- 3.) WETLANDS AND PEGZIMETER SURVEY COMPLETED BY FLEMING ENGINEERING INC. DATED NOVEMBER 30, 2015.



REV	DATE	DES.	REVISION DESCRIPTION	CADD	CHK	APPV
PROJECT						
RANDOLPH COUNTY, NORTH CAROLINA						
TITLE						
<b>EXISTING CONDITIONS</b>						
PROJECT No. 15-10000000			FILE No. 15-10000000			
DESIGN	CIT	07/13	SCALE	AS SHOWN	REV.	
CADD		01/13				
CHECK						
REVIEW						
 <b>Golden Associates</b> Atlanta, Georgia				<b>SUP-1</b>		



# Proposed Landfill – Cross Section

