

LIGHTPOINT

ENGINEERING, LLC

Date: May 15, 2024

Town of Woodloch
2620 North Woodloch
Conroe, Texas 77385

Reference: Woodloch Recent Rainfall Events

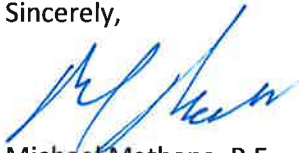
To whomever it may concern,

The Town of Woodloch (the Town) recently experienced flood events during the timeframe between April 29th and May 3rd of 2024. In the Town's area, the 500-year base flood elevation is determined to be 118.0' according to the Federal Emergency Management Agency (FEMA) flood profiles for the West Fork of the San Jacinto River. According to the National Oceanic and Atmospheric Administration (NOAA) database, the rainfall on May 3, 2024 peaked at 121.82 ft. Thus, the series of rainfall events the Town has experienced recently is in excess of a 500-year flood.

The Town's storm sewer system was designed in accordance with Montgomery County standards that were in place at the time of design. Since then, there has not been much upgrade to the infrastructure other than routine maintenance. Furthermore, the Town did not install, nor does it own or maintain, the storm system in any portion of the areas outside of the Town's "City Limits"; which includes but not limited to River Ridge, River Oaks, and Wood Hollow. The Town only supplies these areas with potable water and sanitary sewer collection and treatment.

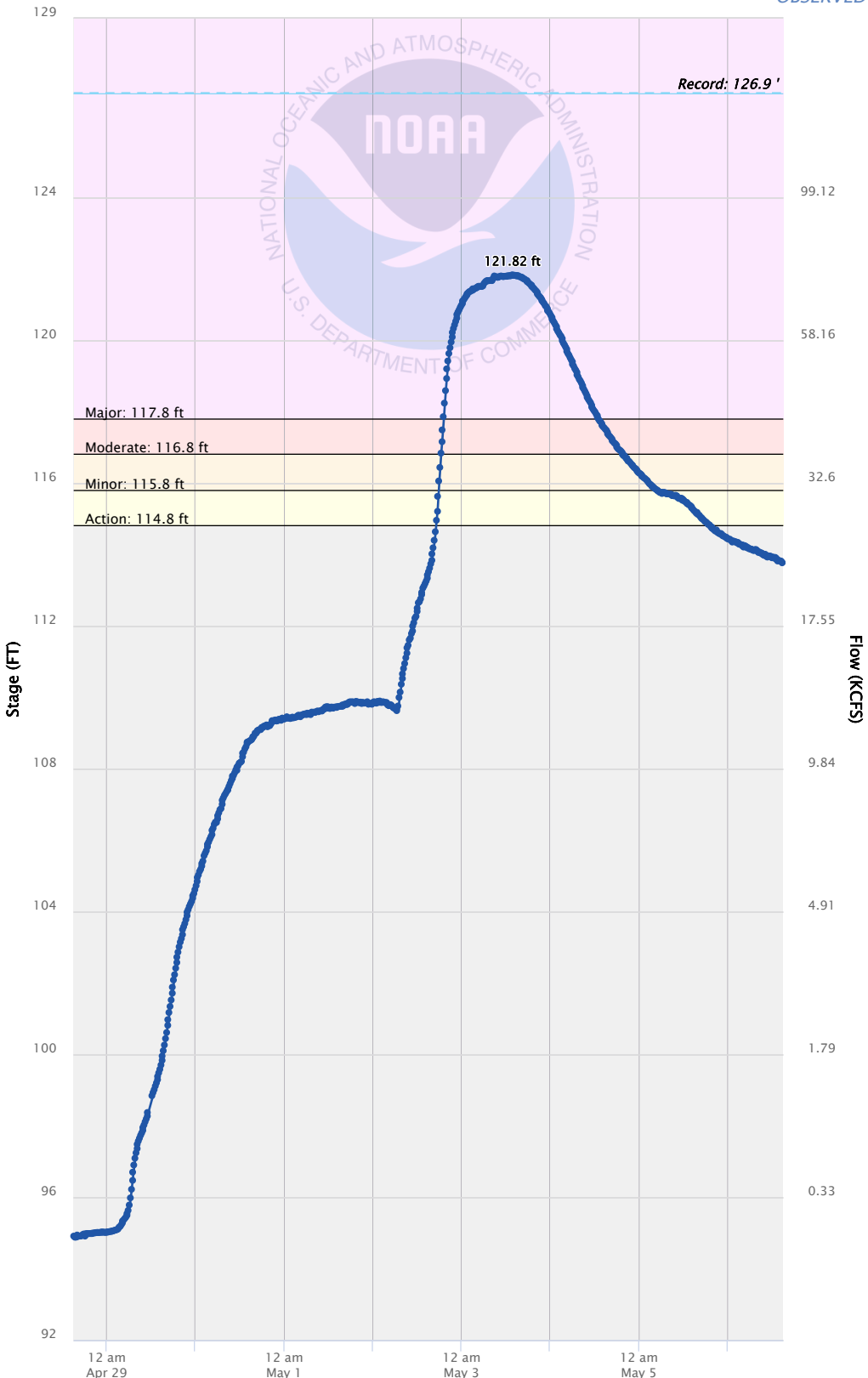
Nevertheless, the flooding in the area is not linked by the existing storm sewer system or anything installed by Town. The Town did not directly, or indirectly, cause any of the flooding in the area; it is simply a matter of overwhelming rainfall within a short time period as described above. Please contact me at mathena@lightpointeng.biz if you have any further questions or concerns on this matter.

Sincerely,



Michael Mathena, P.E.
Project Engineer
936-256-2626

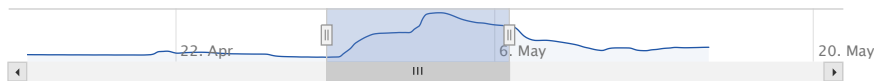
604 W. Worsham St, Suite 100, Willis, TX 77378
1025 12th Street, Huntsville, Texas 77340
O: 936-256-2626 C: 936-207-9984
Firm No. 18938



US Geological Survey (<https://waterdata.usgs.gov/nwis>) CFKT2 (plotting HGIRC) "Gage 0"

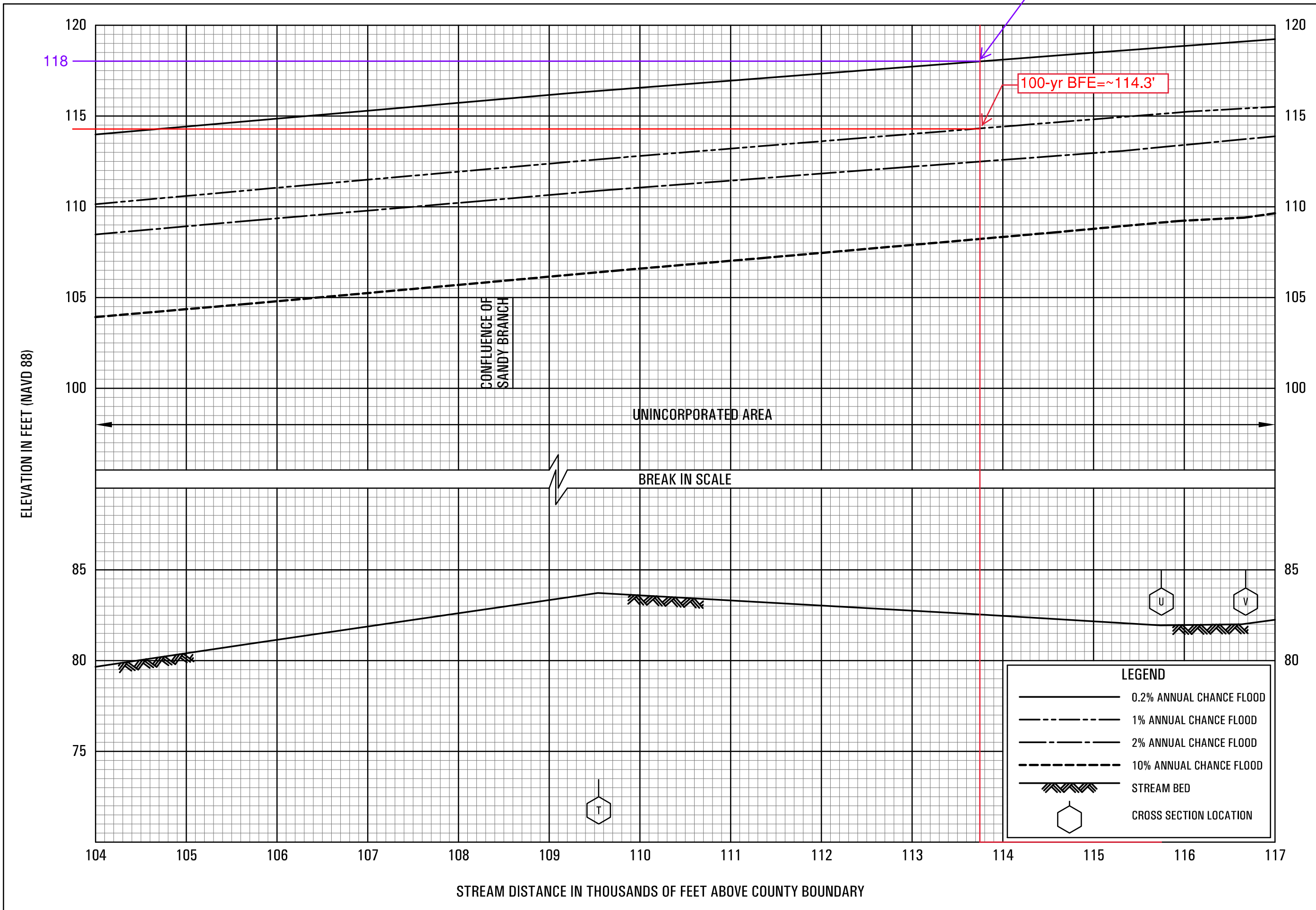
Observations courtesy of U.S. Geological Survey (<https://waterdata.usgs.gov/nwis/inventory/locations/1468280>)

Graph Created: (11:39 AM CDT May 15 2024) - Forecast Issued (08:10 PM CDT May 5 2024)



Zoom 1d 2d 7d 14d All

Apr 28, 2024 - May 6, 2024



FLOOD PROFILES
WEST FORK OF SAN JACINTO RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
MONTGOMERY COUNTY, TX
AND INCORPORATED AREAS

469P