

Nolan Creek Project (NOLAN) – TIAER Monitoring

Monthly Routine Monitoring (May 2013 – June 2015)

11 stations

Lab Parameters:

- *E. coli* (IDEXX method)
- Nitrite-nitrate-nitrogen (NO₂-N+NO₃-N)
- Orthophosphate-phosphorus (PO₄-P)
- Total phosphorus (TP)
- Total Kjeldahl nitrogen (TKN)
- Total suspended solids (TSS)

Field Parameters:

- Sonde data -
 - Dissolved oxygen (DO)
 - Specific conductance (conductivity)
 - Water temperature
- Flow (instantaneous flow measured same day as grab samples, conditions allowing)

Quarterly Storm monitoring

4 stations, 4 events per year

Lab Parameters:

Grab Sample -

- *E. coli* (IDEXX method) – grab sample

Flow-weighted Sample from Automated Sampler

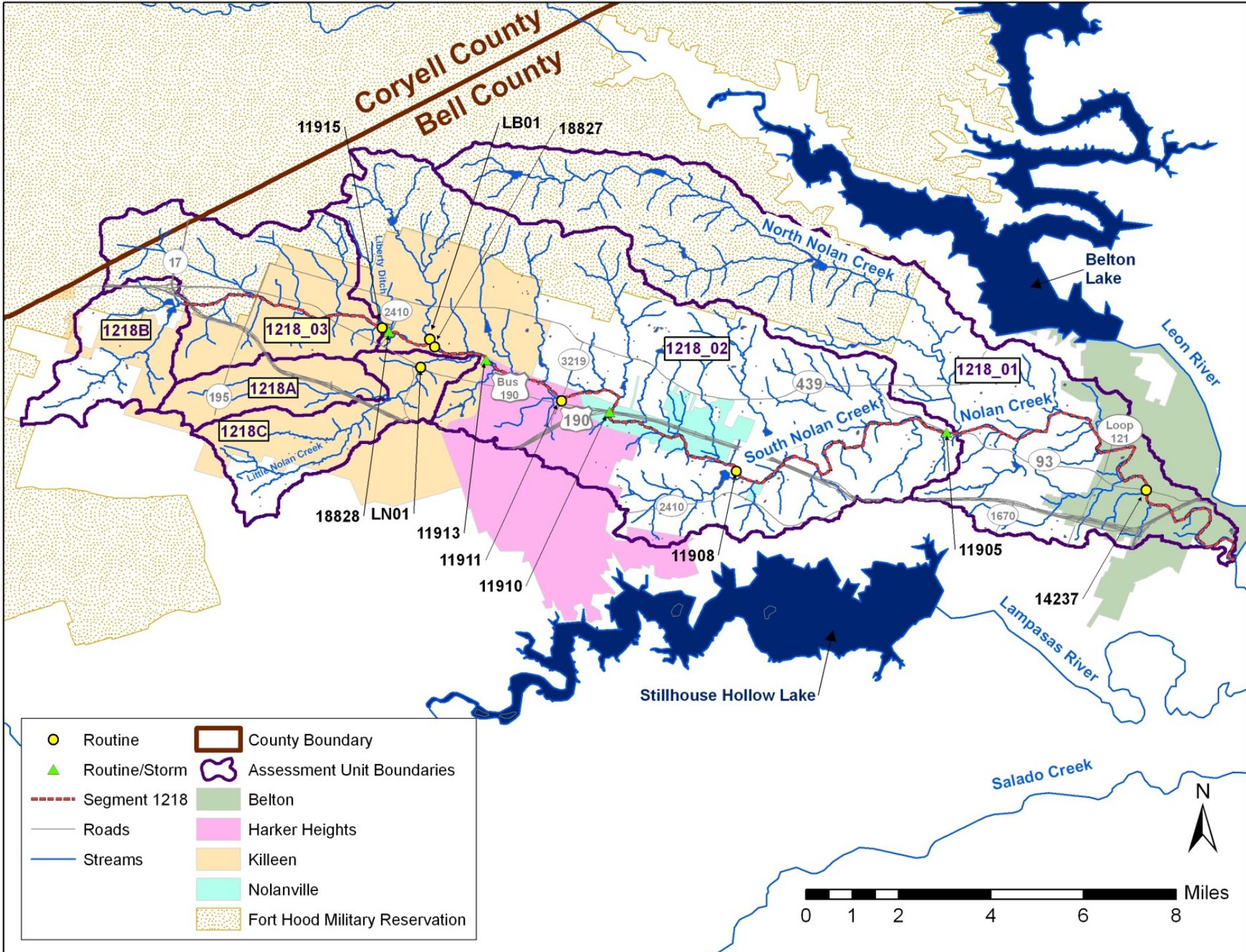
- Nitrite-nitrate-nitrogen (NO₂-N+NO₃-N)
- Orthophosphate-phosphorus (PO₄-P)
- Total phosphorus (TP)
- Total Kjeldahl nitrogen (TKN)
- Total suspended solids (TSS)

Field Parameters:

- Flow (if personnel and conditions allow)

Stations in order of most upstream to downstream

Station	Station Description	Latitude	Longitude	Routine	Storm
11915	South Nolan Creek upstream of WWTP outfall	31.109499	-97.704253	x	
18828	South Nolan Creek at 38th St	31.108091	-97.702156	x	x
LB01	Long Branch just upstream of crossing of South Nolan Creek at Twin Creek Dr	31.105946	-97.689364	x	
18827	South Nolan Creek at Twin Creek Dr	31.103470	-97.687851	x	
LN01	Little Nolan Creek off US 190	31.097143	-97.692268	x	
11913	South Nolan Creek at Roy Reynolds Road	31.099382	-97.671748	x	x
11911	Nolan Creek at FM 3219	31.086666	-97.648056	x	
11910	Nolan Creek at US 190	31.083099	-97.633080	x	x
11908	Nolan Creek at Levi Crossing	31.064665	-97.593330	x	
11905	Nolan Creek at Backstrom Crossing (above confluence of North Nolan Creek)	31.076666	-97.527496	x	x
14237	Nolan Creek at SH 93 in Belton	31.058743	-97.464989	x	



- Routine
- ▲ Routine/Storm
- Segment 1218
- Roads
- Streams
- County Boundary
- Assessment Unit Boundaries
- Belton
- Harker Heights
- Killeen
- Nolanville
- Fort Hood Military Reservation

0 1 2 4 6 8 Miles

