

SREL Student HazMat Response Team

Incident # 02-7865

0900 hours: Response Team assembled

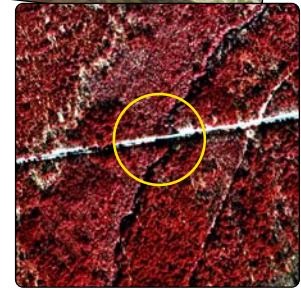
Incident Location: Hwy 278, at Upper Three Runs Creek



Location of the spill is marked with an "X". This incident involved a single vehicle that released a large quantity of an unknown substance onto the roadway.



Topographic map showing the terrain of the area around the spill in the Upper Three Runs Creek watershed.



Aerial photograph showing vegetation of the stream corridor in the area of the spill.

1030: Samples of unknown substance sent to SREL student environmental chemists for characterization

$(C_6H_{10}O_5)_x$	soluble starch
$C_{12}H_{22}O_{11}$	sucrose
$NaHCO_3$	sodium bicarbonate
$(CaSO_4)_2 \cdot H_2O$	calcium sulphate hemihydrate

Based upon incomplete shipping records found in the vehicle, the unknown substance was one of four chemicals. SREL student environmental chemists worked to identify which chemical was released in this spill.



The SREL Student HazMat Response Team at work at the scene of the spill on Hwy 278 in Aiken County.



The quick action of the SREL Student HazMat Response Team is reported by local news media.