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MEMORANDUM

TO: CRIMINAL JUSTICE COMMUNITY
FROM: AMANDA BOLDUC, TOXICOLOGY SECTION SUPERVISOR
SUBJECT: BLOOD DRUG TESTING EXPANSION AND ACCREDITATION
DATE: 6/14/2021

The Vermont Forensic Laboratory (VFL) Toxicology Section is pleased to announce that as of June 14, 2021 we will again expand our toxicological testing of blood samples for impairing drugs in DUI-D cases. The VFL currently uses an instrument called a Randox Evidence Investigator using an immunoassay method to screen samples for:

Meth / Amphetamines	Meprobamate
Barbiturates	Methadone
Benzodiazepines	Opiates
Buprenorphine	Opioids
Cannabinoids	Phencyclidine
Cocaine Metabolite	TCA
Dextromethorphan	Tramadol
Fentanyl	Zolpidem

The VFL previously had two panels to confirm samples that screen positive: Cannabinoids and Opiates/Opioids/Stimulants using High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS).

The VFL is expanding its LC-MS/MS confirmation testing capabilities to also include Benzodiazepines and associated metabolites.

As of May 14, 2021, the VFL has expanded its scope of accreditation to include qualitative and quantitative testing for drugs in whole blood.

We will continue to send samples to NMS if they require confirmation testing for analytes not covered by our in-house methods on an as needed basis. Please do not hesitate to contact the laboratory with any questions.