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From: Joey Crum <joey@nitalaska.com>
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To: Sen. Bill Stoltze
Subject: DOT Drug Testing Information
Attachments: DOT Drug compliance policy.pdf

Follow Up Flag: Follow up
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Good evening Senator Stoltze,

Thank you for the opportunity to provide public testimony about the Trucking Industry and Workforce Development issues regarding the legalization of marijuana. I was asked today about the DOT drug test and what levels it actually tests for.

Attached is a breakdown about the Drug Panel and what levels are being tested. I hope this helps, and if you would like more information I would be happy to provide it.

Thank you for your time.

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APPENDIX F

DRUG PANEL

The following table lists the drugs tested for. Initial and confirmation cutoff concentrations are expressed in nanograms per milliliter (ng/mL).

Initial Test Analyte	Initial Test Cutoff Concentration	Confirmatory Test Analyte	Confirmatory Test Cutoff Concentration
Marijuana metabolites	50 ng/mL	THCA ¹	15 ng/mL
Cocaine metabolites	150 ng/mL	Benzoylecgonine	100 ng/mL
Opiate metabolites			
Codeine/Morphine ²	2000 ng/mL	Codeine	2000 ng/mL
		Morphine	2000 ng/mL
6-Acetylmorphine	10 ng/mL	6-Acetylmorphine	10 ng/mL
Phencyclidine	25 ng/mL	Phencyclidine	25 ng/mL
Amphetamines ³			
AMP/MAMP ⁴	500 ng/mL	Amphetamine	250 ng/mL
		Methamphetamine ⁵	250 ng/mL
MDMA ⁶	500 ng/mL	MDMA	250 ng/mL
		MDA ⁷	250 ng/mL
		MDEA ⁸	250 ng/mL
¹ Delta-9-tetrahydrocannabinol-9-carboxylic acid (THCA)			
² Morphine is the target analyte for codeine/morphine testing			
³ Either a single initial test kit or multiple initial test kits may be used provided the single test kit detects each target analyte independently at the specific cutoff			
⁴ Methamphetamine is the target analyte for amphetamine/methamphetamine testing			
⁵ To be reported positive for methamphetamine, a specimen must also contain amphetamine at a concentration equal to or greater than 100 ng/mL			
⁶ Methylenedioxymethamphetamine (MDMA)			
⁷ Methylenedioxyamphetamine (MDA)			
⁸ Methylenedioxyethylamphetamine (MDEA)			

On an initial drug test, a result below the cutoff concentration is a negative. If the result is at or above the cutoff concentration the lab must conduct a confirmation test.

On a confirmation drug test, a result below the cutoff concentration is a negative. If the result is at or above the cutoff concentration it is a "lab report" confirmed positive requiring an MRO review.

All specimens will undergo a validity test to determine if the specimen is consistent with normal human urine. The purpose of validity testing is to determine whether adulterants or foreign substances were added to the urine, if the urine was diluted, or if the specimen was substituted.