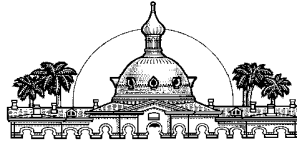


HILLSBOROUGH COUNTY, FLORIDA



MEDICAL EXAMINER DEPARTMENT  
TOXICOLOGY REPORT

July 27, 2009

**Name of decedent:** Mays, William Darrell      **Case No:** 09-04082  
**Medical examiner:** Leszek Chrostowski, MD      **Date of autopsy:** 29 June 2009

The following toxicology procedures were performed:

<b>Procedure</b>	<b>Specimen type</b>
Volatiles by GC/MS	Ocular Fluid
Volatiles by GC/MS	Peripheral Blood
ELISA	Heart Blood
Thin Layer Chromatography	Urine
Opiates by LCMS	Heart Blood
Cocaine and metabolites by LCMS	Peripheral Blood
Cocaine and metabolites by LCMS	Ocular Fluid
Cocaine and metabolites by LCMS	Urine
Cocaine and metabolites by GCMS (via Wuesthoff)	Urine
Benzodiazepines by GCMS (via Wuesthoff)	Peripheral Blood
Benzodiazepines by GCMS (via Wuesthoff)	Urine
Tramadol by GCMS (via Wuesthoff)	Peripheral Blood

The following substances were detected and confirmed:

<b>Substance</b>	<b>Concentration</b>	<b>Specimen type</b>	<b>Method</b>
Ethanol	0.07 g/dL	Ocular Fluid	GCMS
Ethanol	0.05 g/dL	Peripheral Blood	GCMS
Hydrocodone (Free)	<0.02 mg/L	Heart Blood	LCMS
Hydrocodone (Total)	0.03 mg/L	Heart Blood	LCMS
Oxycodone (Free)	0.14 mg/L	Heart Blood	LCMS
Oxycodone (Total)	0.16 mg/L	Heart Blood	LCMS
Tramadol	0.07 mg/L	Peripheral Blood	GCMS
Alprazolam	0.05 mg/L	Peripheral Blood	GCMS

<b>Substance</b>	<b>Concentration</b>	<b>Specimen type</b>	<b>Method</b>
Diazepam	0.12 mg/L	Peripheral Blood	GCMS
Nordiazepam	0.18 mg/L	Peripheral Blood	GCMS
Benzoylecgonine	0.02 mg/L	Peripheral Blood	LCMS
Benzoylecgonine	0.06 mg/L	Ocular Fluid	LCMS
Benzoylecgonine	2.0 mg/L	Urine	LCMS
Benzoylecgonine	1.8 mg/L	Urine	GCMS
Ecgonine Methyl Ester	0.46 mg/L	Urine	GCMS
Alpha-Hydroxyalprazolam	0.41 mg/L	Urine	GCMS
Alprazolam	0.27 mg/L	Urine	GCMS
Nordiazepam	0.16 mg/L	Urine	GCMS
Temazepam	0.35 mg/L	Urine	GCMS

The following volatiles were not detected or confirmed:

Acetone  
Isopropanol  
Methanol

The following drugs were not detected or confirmed:

6MAM	Fentanyl	Olanzapine
Amphetamines	Fluoxetine	Oxazepam
Barbiturates	Hydromorphone	Oxymorphone
Cannabinoids	Ketamine	Paroxetine
Chlordiazepoxide	Lorazepam	Phencyclidine
Cocaethylene	Meperidine	Propoxyphene
Cocaine	Methadone	Romifidine
Codeine	Methamphetamine	Sertraline
Desalkylflurazepam	Midazolam	Tricyclic Antidepressants
Dextromethorphan	Morphine	

Julia M. Pearson, PhD, DABFT

Date

Chief Forensic Toxicologist

**Key to abbreviations**

ELISA	Enzyme-linked immunosorbant assay
GCMS	Gas chromatography mass spectrometry
LCMS	Liquid chromatography mass spectrometry