


Dated: June 12, 2015

Francis S. Collins,
Director, National Institutes of Health.

DEPARTMENT OF HEALTH AND HUMAN SERVICES

Substance Abuse and Mental Health Services Administration

Mandatory Guidelines for Federal Workplace Drug Testing Programs; Request for Information Regarding Specific Issues Related to the Use of the Hair Specimen for Drug Testing

AGENCY: Substance Abuse and Mental Health Services Administration (SAMHSA), Department of Health and Human Services (DHHS).

ACTION: Request for information.

SUMMARY: This document is a request for information regarding specific aspects of the regulatory policies and standards that may be applied to the Mandatory Guidelines for Federal Workplace Drug Testing Programs (hair specimen). The original comment close date was June 29, 2015. We are extending the date to July 29, 2015 to allow for additional comments.

DATES: Comment Close Date: To be assured consideration, comments must be received at one of the addresses provided below on or before July 29, 2015.

ADDRESSES: Because of staff and resource limitations, we cannot accept personally identifiable or confidential business information that is included in a comment. We post all comments received before the close of the comment period on the following Web site as soon as possible after they have been received: http://www.regulations.gov. Follow the search instructions on that Web site to view public comments. Comments received by the deadline will also be available for public inspection at the Substance Abuse and Mental Health Services Administration, Division of Workplace Programs, 1 Choke Cherry Road, Rockville, MD 20850, Monday through Friday of each week from 8:30 a.m. to 4 p.m. To schedule an appointment to view public comments, phone (240) 276–2716.

to the mandatory guidelines which would provide federal executive branch agencies with the option of collecting and testing an oral fluid specimen in addition to urine specimen. The comment period concludes on July 14, 2015.

Section 503 of Public Law 100–71, 5 U.S.C. Section 7301 note, required the Department to establish scientific and technical guidelines and amendments in accordance with Executive Order 12564 and to publish Mandatory Guidelines which establish comprehensive standards for all aspects of laboratory drug testing and procedures, including standards that require the use of the best available technology for ensuring the full reliability and accuracy of drug tests and strict procedures governing the chain of custody of specimens collected for drug testing. These revisions to the Mandatory Guidelines promote and establish standards that use the best available technology for ensuring the full reliability and accuracy of drug tests, while reflecting the ongoing process of review and evaluation of legal, scientific, and societal concerns.

SAMHSA’s chartered CSAP Drug Testing Advisory Board (DTAB) is the vehicle to provide recommendations to the SAMHSA Administrator for proposed changes to the Mandatory Guidelines for Federal Workplace Drug Testing Programs. The DTAB process involves evaluating the scientific supportability of any considered change. To assist the DTAB, we are soliciting written comments and statements from the general public and industry stakeholders regarding a variety of issues related to hair specimen drug testing, including the hair specimen, its collection, specimen preparation, analytes/cutoffs, specimen validity, and initial and confirmatory testing.

II. Solicitation of Comments: We are seeking additional information to inform potential use of hair specimens for drug testing, specifically on the following questions:

**Hair Specimen**
- What are the acceptable body locations from which to collect hair for workplace drug testing? What should be done if head hair is not available for collection?
- What hair treatments (i.e., shampoo, conditioning, perm, relaxers, coloring, bleaching, straightening, hair transplant) influence drug concentration in hair and to what degree?
- What are the acceptable reasons for hair testing (i.e., pre-employment, random, reasonable suspicion, post-accident, other (fitness for duty, return to duty, etc.))?

**Collection**
- What training should a collector receive prior to collecting the hair specimen?
- What is the best protocol to collect the hair specimen?
- Should the hair collection protocol be standardized, including specific instructions on how close to cut the hair specimen to the skin, how to determine the authenticity of the hair specimen, what cutting instruments to use, how to ensure the cutting instruments are decontaminated, and whether the use of collection kits should be required?
- What is the minimum amount of hair that should be collected?

**Specimen Preparation**
- What are acceptable protocols for hair specimen preparation, such as cutting/powdering, initial washing, decontamination, and pre-extraction (i.e., digestion, micro pulverization, etc.)?
- Should the washing and decontamination procedures be analyte specific?
- What criteria should be used to determine the acceptability of a specific wash and decontamination procedure? Are there published research studies, with experimental data included, that demonstrate that a particular wash procedure is effective at removing external contaminants while not significantly affecting the amount of incorporated drug related to drug use?
- If washing steps are used for decontamination, should adjustments be made for drug concentrations detected in the wash fluids? What calculations are recommended for these adjustments?

**Analytes/Cutoffs**
- What analytes should be measured in hair by the initial and confirmatory tests?
- What initial and confirmation cutoffs should be used for the various hair drug testing analytes?
- For each analyte/drug, what criteria (cutoff) should be used to distinguish external contamination from drug use?
- What unique metabolites or other biomarkers exist to confirm use and to distinguish drug use from external contamination for which the drugs are currently tested?

**Specimen Validity**
- Are biomarkers or tests needed to verify that the specimen is authentic human hair?
- Are there appropriate biomarkers or tests for the hair specimen that would reveal adulteration and/or substitution? What are the acceptability criteria for these biomarkers or tests? Is the “invalid” result category reasonable for hair testing? If so, what criteria are acceptable to classify a specimen result as invalid?

**Testing**
- What technologies are available to perform initial and confirmatory testing on hair specimens?
- What is the best sample for valid quality control/proficiency testing material? How should this quality control/proficiency testing material be prepared? What is the best method to prepare a contaminated hair sample versus a sample that represents drug use?

Janine Cook, Chemist, Division of Workplace Programs, Center for Substance Abuse and Prevention, SAMHSA.

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DEPARTMENT OF HOMELAND SECURITY

Coast Guard

[Docket No. USCG–2010–1066]

Recreational Boating Safety Projects, Programs, and Activities Funded Under Provisions of the Transportation Equity Act for the 21st Century; Fiscal Year 2014

ACTION: Notice.

SUMMARY: In 1999, the Transportation Equity Act for the 21st Century made $5 million per year available for the payment of Coast Guard expenses for personnel and activities directly related to coordinating and carrying out the national recreational boating safety program. In 2005, the law was amended, and the amount was increased to $5.5 million. The Coast Guard is publishing this notice to satisfy a requirement of the Act that a detailed accounting of the projects, programs, and activities funded under the national recreational boating safety program provision of the Act be published annually in the Federal Register. This notice specifies the funding amounts the Coast Guard has committed, obligated, or expended during fiscal year 2014, as of September 30, 2014.

FOR FURTHER INFORMATION CONTACT: For questions on this notice, call Jeff Ludwig, Regulations Development Manager, telephone 202–372–1061.

SUPPLEMENTARY INFORMATION: