

SLED Forensic Lab Available Analysis

March 14, 2011

Section	Task Type/Service Request	Definitions/Descriptions of Available Service Requests.
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Drug Chemistry

DC - Drug Analysis	
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DNA

DNA - Fingernail scrapings/clippings	Presence of blood/tissue on fingernails or scrapings for foreign DNA.
DNA - Blood	Screening for presence of blood, if positive then DNA
DNA - Semen	Screening for presence of semen, if positive then DNA
DNA - Touch	Possible DNA of person who may have handled evidence. This request will often require
DNA - Saliva	DNA analysis on an item that may contain saliva. Typically applies to items such as cigarette butts or beer/soda cans, but may be requested for bite or lick marks.
DNA - Ownership	Possible DNA of wearer of an item of clothing
DNA - Hair	If hairs with root present, then DNA. Typically only performed when no other biological evidence is present.
DNA – Known standard	Known DNA standard for comparison to evidence profiles. Also used when submitting standards for paternity/maternity determinations. Buccal swab preferred, but may be a tube of blood.
DNA - Alternate known standard	An item known to be used exclusively by person in question that will likely contain their DNA. Used only when a normal known standard (buccal swab or tube of blood) cannot be obtained.
DNA – Other	For use ONLY when request doesn't fit into any previous category

Evidence Control

EC-Storage	FOR USE BY SLED AGENTS ONLY - FOR TEMPORARY EVIDENCE STORAGE-No Analysis
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Evidence Processing

EP - Trace Screening	Collection of debris/fibers from evidence items
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Firearms

FA - Firearms	In all submissions where a firearm and/or fired ammunition components (bullets, cartridge cases) are submitted for comparison, serial number restoration, etc., - routinely submitted for IBIS entry after the firearms examination has been completed.
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FA - IBIS only submission	Submissions of firearms that only need to be test fired for IBIS entry, submissions of test bullets and/or cartridge cases that only need to be entered into the IBIS
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FA - Destruction	Destruction of weapons
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FA - Toolmark Analysis	Requires a toolmarked specimen and a suspect tool that can be linked to a suspect by means of possession, latent prints, or DNA
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FA - Other	Covers fracture comparisons and possibly other exams that we do not commonly conduct. For fractures, we need two or more firearm related or metal fractured items (firearm parts, tools, knives, etc.) for comparison. We also need to be able to link one of the fractured items to a suspect by means of possession, latent prints, or DNA.
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Latent Prints

LP - Latents	Any cases requiring evidence processing to determine if latent prints are present. Also includes cases of developed latent prints when there is a suspect and / or victim fingerprint standards available for comparison.
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LP- Footwear	Any cases of unknown footwear impressions (casts, photographs, lifts, etc.) being compared to submitted footwear standards.
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LP - Tire Tread	Any cases of unknown tire tread impressions (casts, photographs, lifts, etc.) being compared to submitted tire tread standards
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LP - AFIS only submission	Submissions of developed latent prints when there are no suspects and / or victim fingerprint standards available for comparison.
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LP - Impression	Any cases of unknown impressions being compared to submitted known standards.
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Photo

PH - Digital Media Storage	FOR USE BY SLED AGENTS ONLY
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PH - Photo processing	FOR USE BY SLED AGENTS ONLY
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Question Documents

QD - Handwriting	Any handwritten or hand printed document containing a questioned signature or extended writing
QD - Lottery	Any lottery ticket which has been altered or obliterated
QD - Typewriting	Any document which has been typed and the make and model of the typewriter is questioned
QD - Other	Any type of document not covered above such as charred, water-soaked, shredded documents, computer generated documents, mechanical impressions, etc.
QD - Indented Writing	Any document containing possible indented impressions such as bomb threats, bank robbery notes and threats to public officials

Toxicology

TOX - Coroner Case	Any death other than a child fatality or traffic fatality. This includes, but is not limited to, homicide, suicide, or accidental death.
TOX - Criminal Sexual Assault	Samples submitted in a Sexual Assault case where testing for drugs that may be used for Drug Facilitated Sexual Assault (Date Rape) is requested.
TOX - DUI Blood	A DUI case where either blood only or blood and urine are submitted.
TOX - DUI Urine	A DUI case where only urine is submitted.
TOX - Child Fatality	Death of a person under the age of 18 where violence, neglect or any suspicious or unusual manner is suspected or when the death is unexpected and unexplained including, but not limited to, possible SIDS.
TOX - Traffic Fatality	Death of a person as a result of a traffic accident (within 4 hours of the accident). Includes drivers, passengers, pedestrians, and boat occupants.
TOX - Weapons of Mass Destruction	Samples of any type that are associated with possible WMD cases.
TOX - Other	Sample types that do not fit in any other Tox task type. Examples include suspected poisoned food, beverages, and moonshine.

Trace

TR - Glass Analysis	Any case that involves glass for analysis. Requires unknown glass and standard glass samples.
TR - Fiber Analysis	Any case that involves fibers for analysis. Requires unknown fibers and standard fiber samples.
TR - GSR Analysis	Any case that involves testing for the presence of gunshot residue (GSR).
TR - Trace Other	Any case that does not fit into any other Trace task type. Normally requires unknown samples and standard samples.
TR - Bullet Hole Analysis	Any case that involves testing for distance determination. Requires weapon, sufficient ammunition and clothing.
TR - Flammables	Any case that involves testing for the presence of accelerants.
TR - Paint	Any case that involves paint for analysis.
TR - Explosives	Any case that involves testing for the presence of explosives.