

Clarification & Guidance
DOE-0342 Chronic Beryllium Disease Prevention Procedure

Proposed Reviewed Rejected Accepted Approved for Use Procedure Updated Complete N/A

ID Number: 0342-30 **Title/Subject:** Section 6.23, Waste Disposal

Initiated by: Larry Sherman **Company:** BeCAP **Date:** 1/26/12 **Ph #:** 551-2503

Issue/Concern/Affected Step(s):

Section 6.23, Waste Disposal, of the current *Hanford Site Chronic Beryllium Disease Prevention Program (CBDPP)* will be affected by the new DOE-0342-003, *Hanford Site Beryllium Posting and Labeling Requirements Procedure*.

Discussion:

Due to the new Hanford Site Beryllium Posting and Labeling Requirements Procedure, current Section 6.23, Waste Disposal, will need to be updated to include referencing of DOE-0342-003.

Recommended Resolution:

Modify language in the section 6.23 Waste Disposal:

Existing Language:

6.23 WASTE DISPOSAL

Waste material removed from a beryllium controlled or beryllium regulated area that is not placed directly into Environmental Restoration Disposal Facility (ERDF) waste containers, drums, or other sealed containers for transport shall be wrapped in at least one layer of 6 mil plastic. Wrapped or otherwise containerized waste shall be labeled in accordance with Section 6.29 of this Program. Bulk debris with beryllium surface contamination, such as broken concrete, lumber or dry wall, will be fixed with paint, soil cement, or other fixative decontaminated, wrapped, wetted or otherwise reduced to control removable beryllium surface contamination for disposal at the Hanford Site's ERDF or other appropriate disposal sites. Soil with greater than 0.1 percent by weight of beryllium would also be considered beryllium waste. Such waste shall be transported to ERDF in an ERDF-approved container. Disposal of beryllium-contaminated waste at ERDF shall be conducted in a manner that does not release airborne beryllium above the Action Level, but disposal in a sealed container is not required by 10 CFR 850. ERDF containers used to transport beryllium waste shall be labeled and controlled for use only with beryllium waste until the container is released by wipe sampling.

Proposed Language:

6.23 WASTE DISPOSAL

Waste material removed from a BCA or BRA that is not placed directly into ERDF waste containers, drums, or other sealed containers for transport shall be bagged and/or wrapped in at least one layer of 6 mil or thicker plastic. Bagged/wrapped or otherwise containerized waste shall be labeled in accordance with DOE-0342-003, *Hanford Site Beryllium Posting and Labeling Requirements Procedure*. Bulk debris with beryllium surface contamination, such as broken concrete, lumber or dry wall, will be fixed with paint, soil cement, or other fixative agents, decontaminated, wrapped, wetted or otherwise reduced to control removable beryllium surface contamination for disposal at the Hanford Site's ERDF or other appropriate disposal sites. Soil with greater than 0.1 percent by weight of beryllium would also be considered beryllium waste. Such waste shall be transported to ERDF in an ERDF-approved container

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labeled appropriately per DOE-0342-003, *Hanford Site Beryllium Posting and Labeling Requirements Procedure*. Disposal of beryllium-contaminated waste at ERDF shall be conducted in a manner that does not release airborne beryllium above the Action Level, but disposal in a sealed container is not required by 10 CFR 850. ERDF containers used to transport beryllium waste shall be labeled and controlled for use only with beryllium waste until the container is released by wipe sampling.

Only qualified beryllium workers shall handle plastic wrapped or bagged Beryllium contaminated waste/material until such time that the package is disposed of in a sealed hard sided container (i.e., metal drums, ERDF containers or other shipping containers). This requirement is not applicable to the handling and transport of beryllium samples.

Clarification **Guidance:**

Resolution Completion Plan/Summary:
 Incorporate language into the next revision of DOE-0342.

Remarks: N/A

Status:

Reviewed	Committee Chair	<u>Scott Seydel</u>	Date	<u>2/16/12</u>
Rejected	Committee Chair	<u>N/A</u>	Date	<u>N/A</u>
Accepted	Committee Chair	<u>Scott Seydel</u>	Date	<u>2/16/12</u>
Approve Concurrence	PG DOE-RL	<u>[Signature]</u>	Date	<u>2/23/12</u>
Approve Concurrence	DOE-ORP	<u>[Signature]</u>	Date	<u>2/27/12</u>
Approved For Use DOE-0342	Committee Chair	_____	Date	_____
Updated	Committee Chair	_____	Date	_____