

HSA BUILDING FACT SHEET

Building No. / Name Building #173
Installation Fort Monmouth

Original / Former Use

Garage

Current Tenant / Use

Environmental Laboratory

Construction Information

Date of Construction: <u>1974</u>	Construction Material: <u>Concrete & cinderblock</u>
Total Sq. Footage: <u>5,606</u>	Renovation Information: <u>Renovated in mid-1990's from a garage</u>
Floors: <u>1</u>	Current Building Status: <u>Existing</u>

Sources of Information (*Document No's Used, Interviews, etc.*)

- Document Reviews – Ref. 045, Ref. 047, Ref. 049, Ref 064
- Site Visit and Interviews – Ref. 001, Ref. 009, Ref. 011, Ref. 023, Ref. 024

Radiological Data Summary (*RCOPCs, Impacted Room(s) / Area(s), etc.*)

- Building 173 was noted as a building of interest on a list provided by Barry Silber of the CECOM Safety Office (Ref. 045).
- CECOM Safety inventory lists (Ref. 047) and the minutes of the Radiation Control Committee (Ref. 049) list the presence of radiological materials within the building, as well as Radiological Work Permits for the sources in the ECD instruments.

Six 15-mCi ECD (Electron Capture Detectors) are in use in the environmental lab, containing Ni-63 sources; used for pesticide and PCB analysis. The room is properly marked for radioactive materials. Environmental lab tests for gasoline spills, VOC measurements, monitoring well samples, drinking water samples, and explosives testing, but not radioactive analysis (must be sent to a different lab). The laboratory has two self-contained hoods with acid filters. No dosimetry is practiced in this laboratory; swipe test on Ni-63 source is only monitoring method, and is performed regularly with no evidence of leaks on record (Ref. 23).

Preliminary MARSSIM Classifications

Non-Impacted

Site Visit Information (*Date Toured, Site Contact, Security Issues, Photos Taken*)

Site visit conducted June 13, 2006, by Michele Driscoll, accompanied by representatives from Shaw Environmental. Site contacts are Dan Wright and Joe Fallon. Site visit included interview with building operators, visual inspection, and photographs.

Additional Information

None

Representative Photographs/Floor Plans/Drawings

Floor plan provided.



Fort Monmouth, Building 173, Electron Capture Detector Containing Ni-63