Received May 7

Control #: D4-300-048

FACILITY STATUS CHANGE FORM

Date Submitted:	Area:	Control #:
May 5, 2011	300 Area	D4-300-048
Originator:	**Facility ID:**	
John Harrie	MO-274 & 275	
Phone:	**Action Memorandum:**	
509.308.9935	#3 for the 300 Area	

This form documents agreement among the parties listed below on the status of the facility D&D operations and the disposition of underlying soil in accordance with the applicable regulatory decision documents.

Section 1: Facility Status

☒ All D4 operations required by action memo complete.

☐ D4 operations required by action memo partially complete, remaining operations deferred.

Description of Completed Activities and Current Conditions:

Deactivation: Utility isolations were performed on the facility prior to beginning facility decontamination.

Decontamination and Decommissioning: The following hazardous materials were removed prior to facility demolition: oils, mercury, Freon. Hazardous material removal and waste disposition was performed in accordance with *Removal Action Work Plan #3 for the 300 Area*, DOE/RL-2004-77, Revision 2 (RAWP).

Demolition: Mobile Offices: MO-274 and MO-275 were demolished in October of 2009 and the debris was shipped to the Environmental Restoration Disposal Facility (EDRF). There were no foundation slabs associated with these trailers, but the concrete sidewalks remains at the site.

Description of Deferral (as applicable):

No waste sites are associated with this facility. No additional actions are anticipated.

Section 2: Underlying Soil Status

☒ No waste site(s) present. No additional actions anticipated.

☐ Documented waste site(s) present. Cleanup and closeout to be addressed under Record of Decision.

☐ Potential waste site discovered during D4 operations. Waste site identification number <to be> assigned.

Cleanup and closeout to be addressed under Record of Decision.

Description of Current/As-Left Conditions:

There were no portions of building or visible underground piping associated with MO-274 or MO-275 left behind at the site. There are no Radiological or IH postings specific to the site, however, the site is posted under the 300 Area general Underground Radioactive Material Area (URMA).

Identification of Documented Waste Site(s) or Nature of Potential Waste Site Discovery (as applicable):

None.

Section 3: List of Attachments

1. Facility information (building history and characterization).
2. Project Photographs.
3. GEPRS Survey.

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FACILITY STATUS CHANGE FORM

DOE-RL	Date 5/9/11
Lead Regulator ☒ EPA ☐ Ecology	Date May 9, 2011

DISTRIBUTION:

EPA: Larry Gadbois, B1-06
Ecology: Rick Bond, HO-57
DOE: Rudy Guercia, A3-04
Document Control, H0-30
Administrative Record, H6-08

SIS Coordinator: Ben Cowin, H4-22
D4 EPL: Chris Strand, L1-07
Sample Design/Cleanup Verification: Megan Proctor, H4-22
FR Engineering: Jason Olsson, X4-08
FR EPL: Darrin Faulk, L6-06

Attachment 1: Facility Information

Building History:

Mobile Offices: MO-274 and MO-275 were brought to the 300 Area in 1993. The two mobile offices were nearly identical physically, each was a double-wide transportable structure 28-feet wide by 66-feet long with metal cladding over a steel frame. They were located directly southeast of the 324 Building, oriented at right angles to one another, and connected by a covered walkway (see Figure 1).

The MO-274 was used by the Industrial Hygiene organization for offices, meetings, a lunchroom, and fiber counting. A radiological material area (RMA) associated with fiber counting was removed and downposted prior to demolition.

The MO-275 was used by senior management and project controls for offices, meetings, and a lunchroom.

Building Characterization:

Table 1 summarizes the industrial hygiene, radiological control, and asbestos samples collected in MO-274 and MO-275.

Table 1: Summary of Characterization Surveys at MO-274 and MO-275.

Type	Date	Documented In	Results Summary
Pre-Demolition			
Asbestos	August 2009	CCN145975	No asbestos detected
IH Baseline Survey	August 2009	CCN145966	No Be or other IH hazards identified
Radiological Scoping Surveys	July 2009	RSR-300PS-09-2063 (MO-274); RSR-300PS-09-2064 (MO-275)	All direct readings <500 Alpha, <5000 Beta-gamma dpm/100cm^2
Post-Demolition			
GPERS	October 21, 2010	ESRFRM100129BC; ESRFRM100129BC; see Figures 3 and 4	All results below background

Identification of Document Waste Sites:

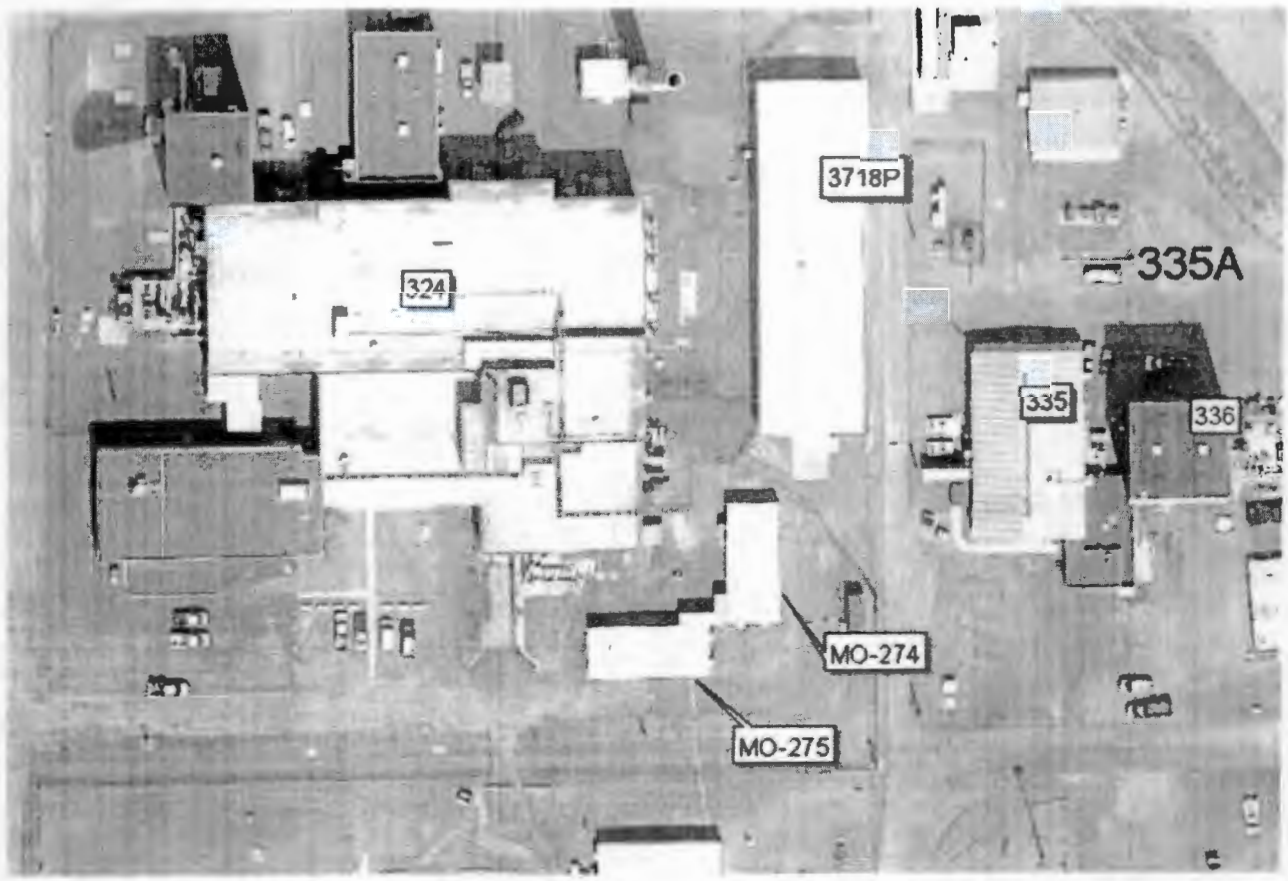
There are no WIDS sites associated with MO-274 and MO-275.

Anomalies Discovered During Demolition:

No anomalies were discovered during the demolition of MO-274 and MO-275.

Attachment 2: Project Photographs

Photo 1: 3715 Building prior to Demolition on February 10, 2006



North

Photo 2: MO-274 prior to Demolition on May 20, 2009.

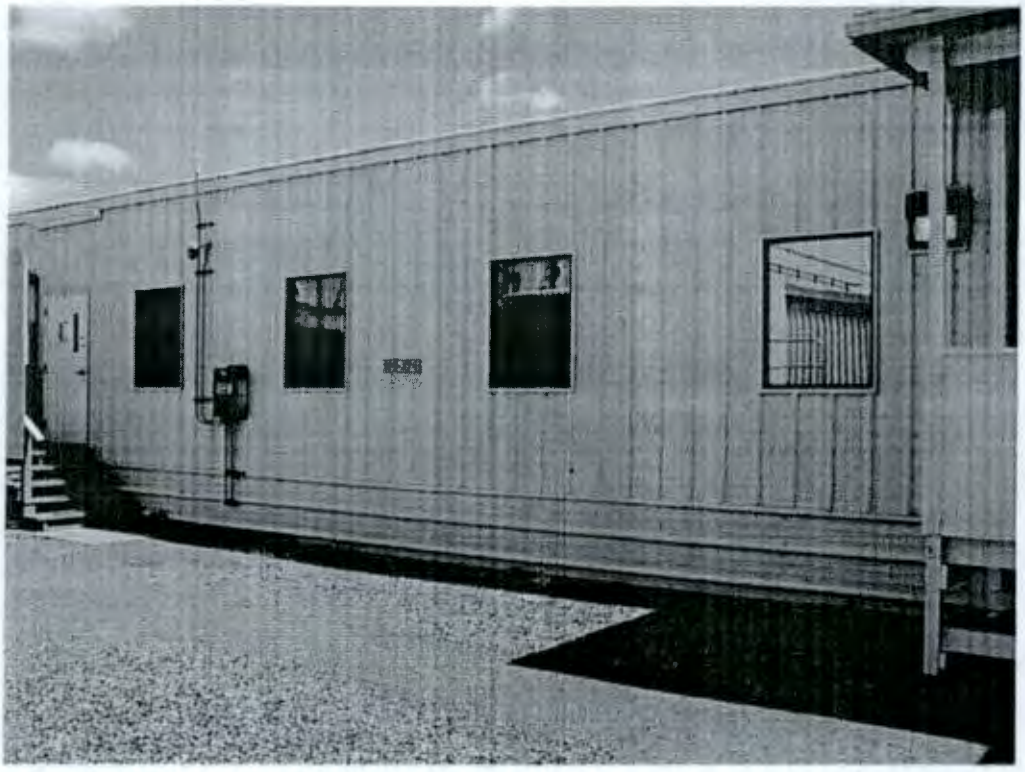


Photo 3: MO-275 prior to Demolition on May 20, 2009.

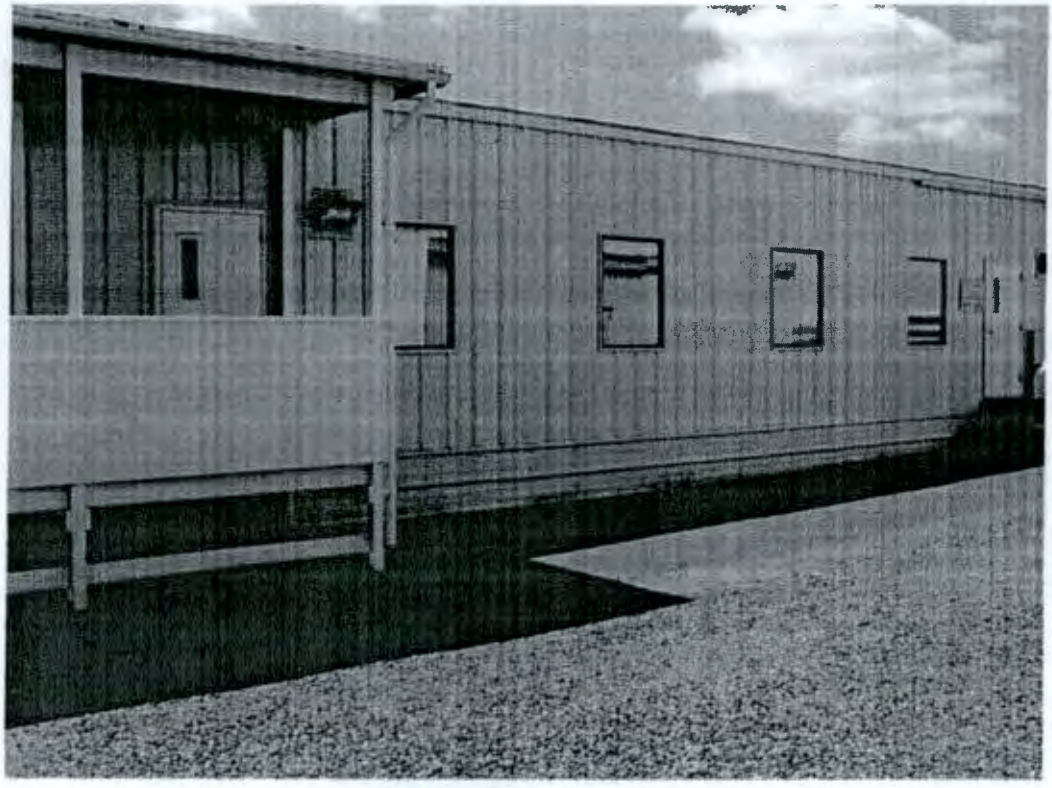
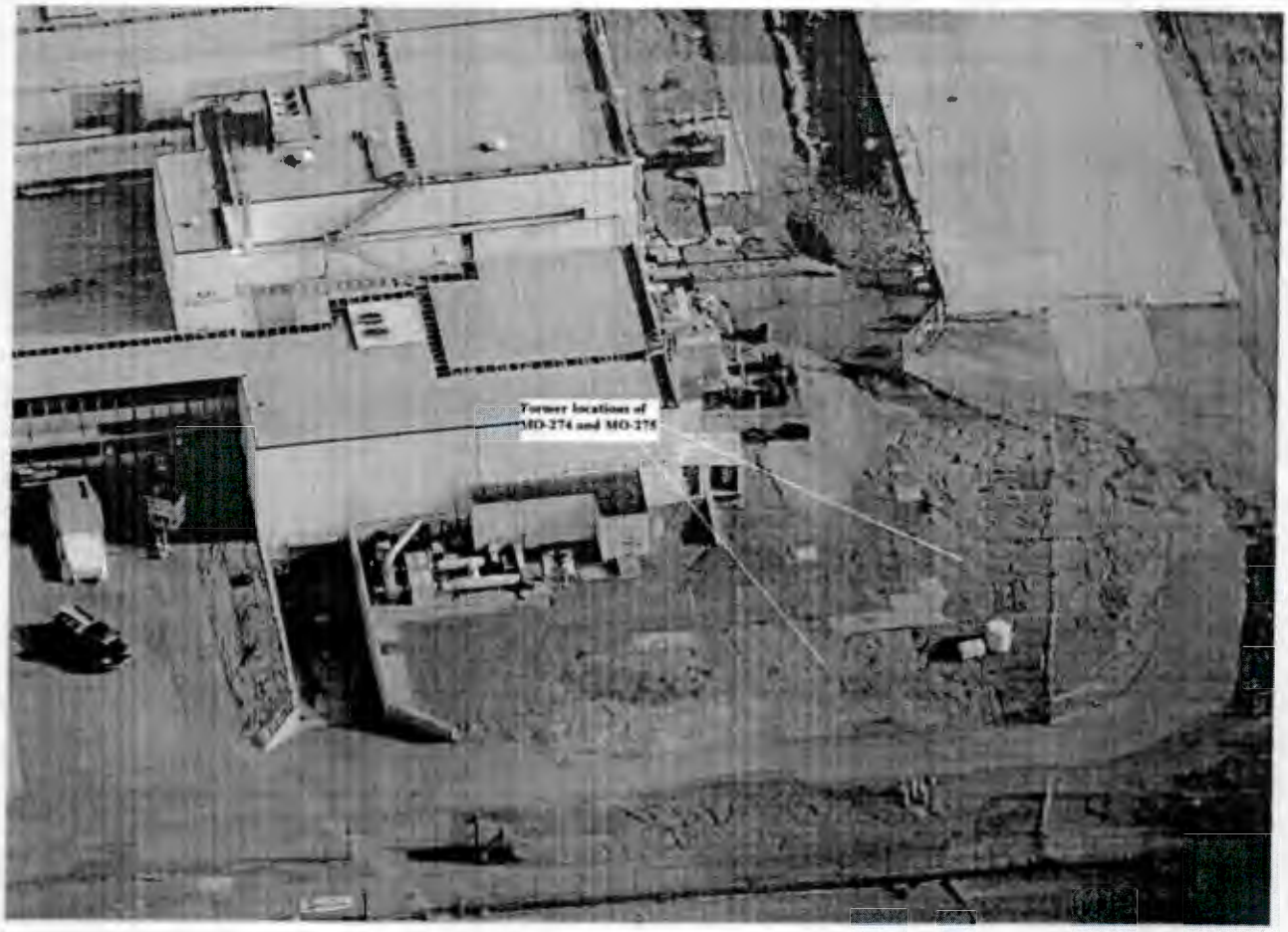
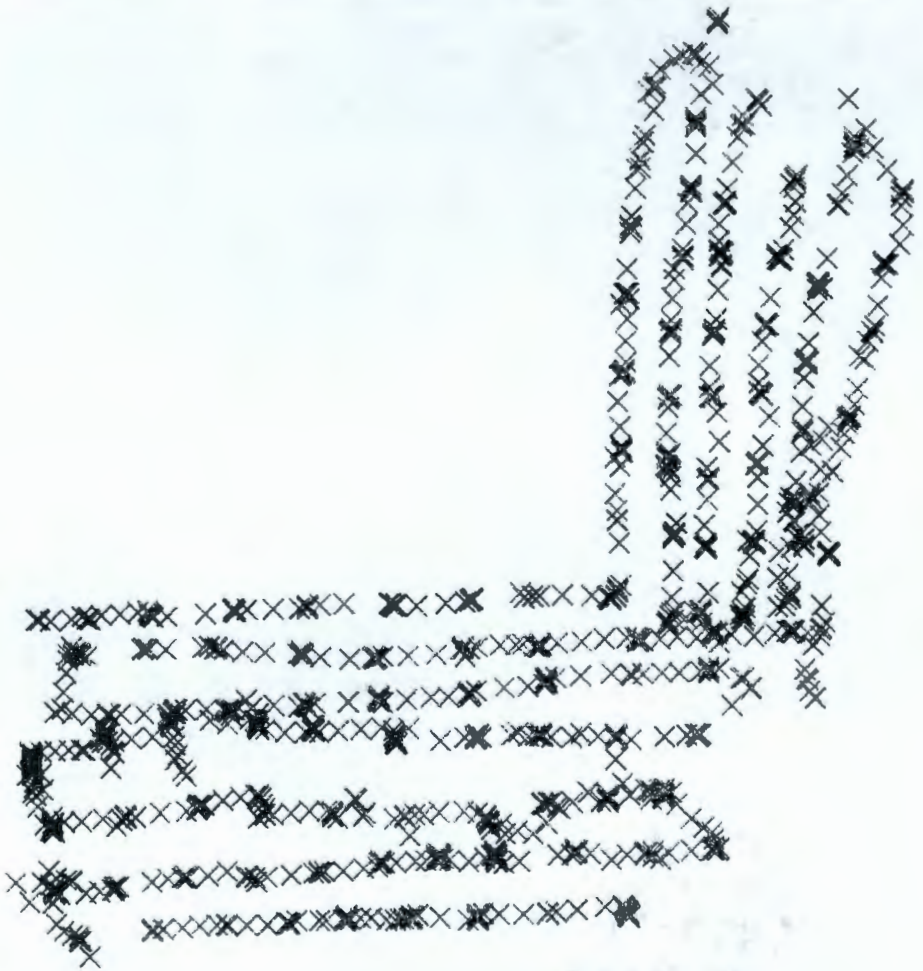
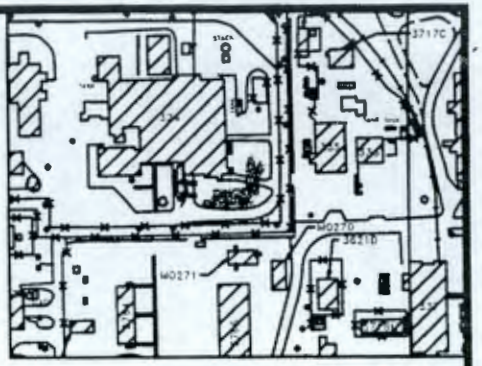


Photo 4: MO-274 and MO-275 Post-Demolition on April of 2010.



Attachment 3: GPERS Survey





Site View

Copy

Legend

NET CPM

- < 992
- 992 - 5000
- 5000 - 10000
- 10000 - 25000
- > 25000

Summary Statistics

Coverage File: PS294A
Number of Data Pnts: 1754
Type of Survey: 'Beta'
Max GCPM: 828
Avg Bkg CPM: 496
Survey Date: 10/21/2010
Area Surveyed: 537 m^2
Project File: PS294A
Pdf File: ESRFRM100129BC

300 Area Field Remediation
M0274 & M0275 Areas
GPERS Radiological Survey
Beta Track Map

0 2.5 5 7.5 10 Meters

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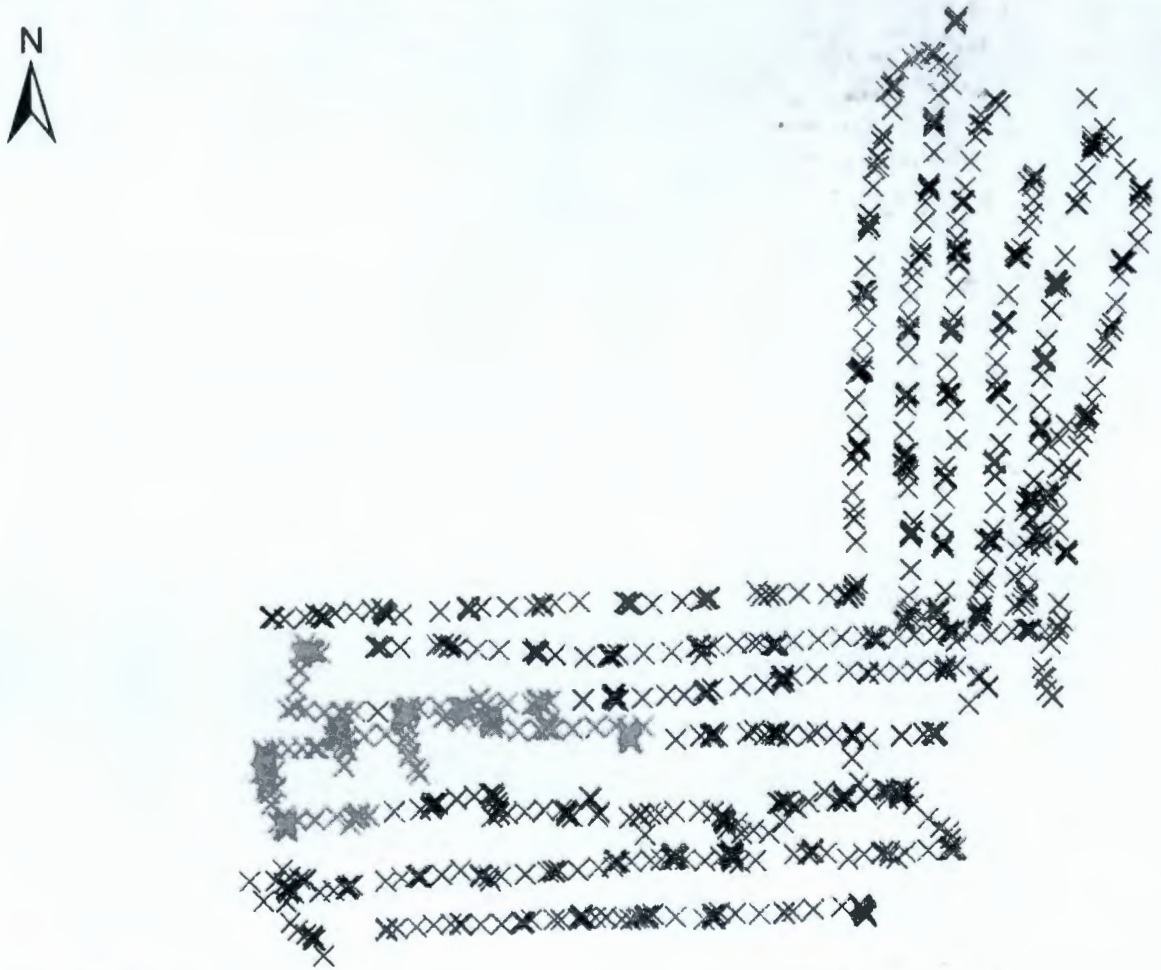
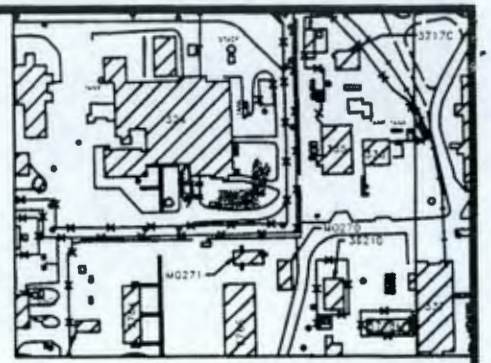
Survey Map Prepared By Bruce Coomer, ESI





Site View

Legend

NET CPM

- < 2966
- 2966 - 5000
- 5000 - 10000
- 10000 - 25000
- > 25000

Summary Statistics

Coverage File: PS294A_
Number of Data Pnts: 1754
Type of Survey: 'Gamma'
Max GCPM: 2019
Avg Bkg CPM: 1483
Survey Date: 10/21/2010
Area Surveyed: 537 m^2
Project File: PS294A_
Pdf File: ESRFRM100129GC

300 Area Field Remediation
M0274 & M0275 Areas
GPERS Radiological Survey
Gamma Track Map

0 2.5 5 7.5 10 Meters

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