

**From:** Ullrich, Elizabeth  
**Sent:** Monday, June 15, 2009 9:56 AM  
**To:** Ullrich, Elizabeth  
**Subject:** FW: R-14 report (UNCLASSIFIED)

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**From:** Tepperman Mark [mailto:mtepperman@cabreraservices.com]  
**Sent:** Friday, June 12, 2009 12:30 PM  
**To:** Ullrich, Elizabeth; Markland, Richard (Civ,ARL/ADLO)  
**Cc:** Siegrist, Hank; Bright Greg  
**Subject:** RE: R-14 report (UNCLASSIFIED)

Betsy/Richard

Following up on my email from yesterday, our GIS staff have provided the following calculated areas for the range and the building footprints:

- ◆ The total acreage of Range R-14 is 5.28 acres - this represents all surveyed areas.
- ◆ The building footprint area is 0.20 acres (includes the Wash Rack Shed [0.04 acres], Building 1150D [0.04 acres], and Evaporator Building [0.12 acres]).

Please let me know if you need further information.

Have a great weekend,  
Mark

### Mark Tepperman, PG

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**From:** Tepperman Mark  
**Sent:** Thursday, June 11, 2009 6:28 PM  
**To:** 'Ullrich, Elizabeth'; 'Markland, Richard (Civ,ARL/ADLO)'  
**Cc:** Siegrist, Hank; Bright Greg  
**Subject:** FW: R-14 report (UNCLASSIFIED)

Betsy

In answer to your question, I took a look at the report and at the Decommissioning Plan (April 2008). As you indicated, the report does not include an estimate of the total acreage, although it does provide areal data for each Survey Unit. However, the Decommissioning Plan indicates the following

- ◆ *The general layout of the R-14 Range is shown in Figure 3-3. The range includes the following buildings and structures: the Blast Chamber, Hot Line, Firing Tube (with access shed), air handling system, and Water Treatment Shed. .... The range also includes approximately **five acres** of surrounding grounds consisting of the Firing Fan, fenced Laydown Yard (with Sediment Trap), and downrange Pavement and Grassy Field.*

I will have our GIS staff calculate the building footprint area as you have requested. They will also check the total acreage. I should have that for you on Friday.

Best Regards,  
Mark

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-----Original Message-----

From: Markland, Richard (Civ,ARL/ADLO) [mailto:markland@arl.army.mil]  
Sent: Thursday, June 11, 2009 9:11 AM  
To: Tepperman Mark  
Subject: FW: R-14 report (UNCLASSIFIED)

Classification: UNCLASSIFIED  
Caveats: FOUO//SENSITIVE

Mark,

Do you have an answer for Betsy?

Richard

-----Original Message-----

From: Ullrich, Elizabeth [mailto:Elizabeth.Ullrich@nrc.gov]  
Sent: Thursday, June 11, 2009 9:57 AM  
To: Markland, Richard (Civ,ARL/ADLO)

Subject: RE: R-14 report (UNCLASSIFIED)

Richard,

We are resolved on this issue.

I have started drafting the EA, and need some information about the relative area (acreage?) of the R-14 range and the footprint area of the former and current buildings remaining. I did not find that information in the FSS Report. I was going to look in the characterization survey documents next - do you happen to know if that information is there?

Betsy

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### E-mail Properties

Mail Envelope Properties (2856BC46F6A308418F033D973BB0EE7201070844A96D)

Subject: FW: R-14 report (UNCLASSIFIED)  
Sent Date: 6/15/2009 9:55:57 AM  
Received Date: 6/15/2009 9:55:57 AM  
From: Ullrich, Elizabeth

Created By: Elizabeth.Ullrich@nrc.gov

Recipients:  
Elizabeth.Ullrich@nrc.gov (Ullrich, Elizabeth)  
Tracking Status: None

Post Office:  
R1CLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	22659	6/15/2009
image001.jpg	2643	

Options  
Expiration Date:  
Priority: olImportanceNormal  
ReplyRequested: False  
Return Notification: False

Sensitivity: olNormal  
Recipients received: