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# *Land Use Controls and Documentation in AEDB-R and Installation Master Plans*

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*06 Dec 2007*

**Our Mission:** *Provide installations that enable Soldier and Family readiness, and provide a quality of life that matches the quality of service they provide to the Nation.*

***Leading Change for Installation Excellence***

# Land Use Controls and Documentation in AEDB-R and Installation Master Plans



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Restoration (AEDB-R)
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# Land Use Controls and Documentation in AEDB-R and Installation Master Plans

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Where are Land Use Controls (LUCs) documented in the Army Environmental Data Base – Restoration (AEDB-R)?

# Land Use Controls and Documentation in AEDB-R and Installation Master Plans



## Record of Decision (ROD)/Decision Documents (DD) and AEDB-R

AEDBR Web Desktop - Microsoft Internet Explorer

Address: https://aero.apgus.army.mil/aedbr/Desktop.jsp

**AEDBR Web Desktop v2.5.7**  
 User: susan\_aboston Data Call: SPRING 2008 WORKING (ends Mar 31, 2008) Filters: not selected  
[Main Menu](#) > ABERDEEN PROVING GROUND

Installation Menu

**ABERDEEN PROVING GROUND**

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Data Submission

- Installation Level
- RODs/DDs

**General Information**

Name:	ABERDEEN PROVING GROUND
Type:	Installation
Active:	Y
Excess Properties:	N
Agency Bureau Code:	2138
Date Installation Added to NPL:	198910
Address:	IMNE-APG-ZA
City:	ABERDEEN PROVING GROUND
State:	MD
Zip Code:	21005

**CTC Quality Assurance Review Documentation**

File Name	Extension	Description	(YYYYMM) Last Updated	Action
APG CTC Review Memo 28 Feb 05.pdf	pdf	APG FY 2004 CTC QA Reviews	200508	<a href="#">[Download]</a>

Select an operation:  
 You are not authorized to perform any operations. This data is currently under review by [1] ABERDEEN PROVING GROUND.

This data was last updated by AEDB on 2007-04-18 15:55:21.0.

# Land Use Controls and Documentation in AEDB-R and Installation Master Plans

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What documents can be a Decision Documents?

Record of Decision  
Statement of Basis  
Corrective Action Plan  
Corrective Measure Study

# Land Use Controls and Documentation in AEDB-R and Installation Master Plans



## ROD/DD and LUCs

**AEDBR Web Desktop - Microsoft Internet Explorer**

File Edit View Favorites Tools Help

Address: <https://aero.apgea.army.mil/aedbr/Desktop.jsp>

**AEDBR Web Desktop v2.5.7**  
User: susan\_abston Data Call: SPRING 2008 WORKING (ends Mar 31, 2008) Filter: not selected  
[Main Menu](#) > ABERDEEN PROVING GROUND

Installation Menu

**ABERDEEN PROVING GROUND**

- Data Submission
- Installation Level
  - RODs/DDs
    - [DD] Action Memo - WSA, Hoc...
    - [DD] Action Memo for D-Field
    - [DD] Action Memo for Japanese
    - [DD] Action Memo for Removal
    - [DD] Action Memo for WSA Cl...
    - [DD] Action Memo, Removal, ..
    - [DD] ActionMemo D-Field Timi...
    - [ROD] BEACH POINT TEST SI...
    - [LUC] Beach Point Test S...**
    - [ROD] BLDG.503 SMOKE PLA...
    - [LUC] Blg503SmokePlantBu...
    - [ROD] BUILDING 103 DUMP
    - [DD] Bush River Cluster 18 D...
    - [DD] Bush River EPA Corr. & I...
    - [ROD] CARROLL ISLAND OPEF...
    - [ROD] CLUSTER 1 FORMER N...

**Land Use Control for BLDG.503 SMOKE PLANT BURN SITES SOILS**

1. LUC Information | 2. LUC Site CTC

Title:	Blg503SmokePlantBurnSite
Inspecting Organization:	Other Army Entity
Location of LUC:	These burn sites were located behind (east

**Records of LUC:**

- Master Plan or Equivalent

Documentation Date (YYYYMM):	
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**LUC Enforcements:**

- Other

Other Description:	Dig Permits Required
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Date In-Place (YYYYMM):	199707
Modification Date (YYYYMM):	
Date Terminated (YYYYMM):	

**Types of Engineering Controls:**

# Land Use Controls and Documentation in AEDB-R and Installation Master Plans

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## Problem found in data collected in AEDB-R

- One LUC per ROD/DD
  - Not able to associate LUC with site if multiple sites ROD

# Land Use Controls and Documentation in AEDB-R and Installation Master Plans



## Problem found in data collected in AEDB-R

### Types of Engineering Controls:

- Fences
- Signs

### Types of Institutional Controls:

- Education programs
- Notations in Master Plan
- Restrictions on land use
- Zoning

Description of Control: Zoning and notations placed in Installation Master Plan. J-Field Study Area located behind security fence.

### Land Use Restrictions:

- Landfill restriction - Prohibit activities that would impact the LF cap (or cover system) and drainage system

### Contaminants:

- METALS
- PCBs
- VOC

### Associated Sites:

Site ID	Description	Status	RIP Date (YYYYMM)	RC Date (YYYYMM)	Program Fund Code	Program Fund Subcode
EAJF05	TOXIC BURNING PIT	Approved		200111	ER,A	IR - Installation Restoration
EAJF05-A	TBP-SOUTHERN MAIN PITS OVERALL	Approved		200111	ER,A	IR - Installation Restoration

# Land Use Controls and Documentation in AEDB-R and Installation Master Plans



## Changes to AEDB-R

- Multiple LUCs can be identified
- Existing LUCs
  - If sites have same LUC, no need to split in AEDB-R
  - If sites have different LUC, need to split in AEDB-R
- Future LUCs
  - Create LUCs as needed

# Land Use Controls and Documentation in AEDB-R and Installation Master Plans



## Changes to AEDB-R

<ul style="list-style-type: none"> <li>• Data Submission</li> <li><input type="checkbox"/> Installation Level             <ul style="list-style-type: none"> <li><input type="checkbox"/> RODs/DDs                 <ul style="list-style-type: none"> <li>• [DD] Action Memo for D-Field</li> <li>• [DD] Action Memo for Japanese</li> <li>• [DD] Action Memo for Removal</li> <li>• [DD] Action Memo for WSA Cl</li> <li>• [DD] Action Memo, Removal, .</li> <li>• [DD] ActionMemo D-Field Tim</li> <li>• [ROD] BEACH POINT TEST SI</li> <li>• [ROD] BLDG.503 SMOKE PLAN</li> <li><input checked="" type="checkbox"/> [ROD] BUILDING 103 DUMP</li> <li>• [DD] Bush River Cluster 18 D</li> <li>• [DD] Bush River EPA Corr. &amp; I</li> <li>• [ROD] CARROLL ISLAND OPE</li> <li><input checked="" type="checkbox"/> [ROD] CLUSTER 1 FORMER N</li> <li><input type="checkbox"/> [ROD] Carrol Island/Graces C                     <ul style="list-style-type: none"> <li>• [LUC] CI/GQ OUB LUC</li> <li>• [LUC] Other two sites</li> </ul> </li> <li>• [DD] CI9 Nike Missile Control</li> <li><input type="checkbox"/> [ROD] Cluster 2 and 3</li> </ul> </li> </ul> </li> </ul>	<table border="1"> <tr> <td>Guidance:</td> <td>Origin</td> </tr> <tr> <td>Title:</td> <td>Carro</td> </tr> <tr> <td>Document Type:</td> <td>Recor</td> </tr> <tr> <td>Document Status:</td> <td>Final</td> </tr> <tr> <td>Action Level:</td> <td>\$2 Mi</td> </tr> <tr> <td>Regulatory Driver:</td> <td>CERC</td> </tr> <tr> <td>Description:</td> <td>addre may t</td> </tr> </table> <p><b>Signatures:</b></p> <table border="1"> <thead> <tr> <th>Signed By</th> </tr> </thead> <tbody> <tr> <td>EPA</td> </tr> <tr> <td>Installation Commande</td> </tr> <tr> <td>MACOM</td> </tr> <tr> <td>Description</td> </tr> </tbody> </table> <p><b>Sites and Remedial Act</b></p> <p>Site ID: EACI00</p>	Guidance:	Origin	Title:	Carro	Document Type:	Recor	Document Status:	Final	Action Level:	\$2 Mi	Regulatory Driver:	CERC	Description:	addre may t	Signed By	EPA	Installation Commande	MACOM	Description
Guidance:	Origin																			
Title:	Carro																			
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Regulatory Driver:	CERC																			
Description:	addre may t																			
Signed By																				
EPA																				
Installation Commande																				
MACOM																				
Description																				

# Land Use Controls and Documentation in AEDB-R and Installation Master Plans



## Existing LUCs in AEDB-R

- Start by determining which sites need a separate LUC
  - Uncheck the box of those sites in the existing LUC (sites can only occur on one LUC)
  - Remove any LUC details associated with sites being moved to new LUC

ID	Select	Site ID	Description
	<input type="checkbox"/>	EACI01	CARROLL ISLAND STUDY AF
	<input checked="" type="checkbox"/>	EACI01-B	BENGIES POINT ROAD FARM
	<input checked="" type="checkbox"/>	EACI01-D	AOC ASSOCIATED WITH SI
	<input checked="" type="checkbox"/>	EACI02-B	DREDGE SPOIL SITE-CLUST
	<input checked="" type="checkbox"/>	EACI04-A	AERIAL SPRAY GRID-CLUST
	<input checked="" type="checkbox"/>	EACI05-A	TEST GRID 1-CLUSTER 5
	<input checked="" type="checkbox"/>	EACI05-B	MAGAZINE AREA-CLUSTER
	<input checked="" type="checkbox"/>	EACI05-C	ANIMAL SHELTER-CLUSTER

# Land Use Controls and Documentation in AEDB-R and Installation Master Plans



## Existing LUCs in AEDB-R

- Create new LUC under ROD

ve Action:	<a href="#">IRA</a>   <a href="#">WASTE REMOVAL - DRUMS, TANKS, BULK CONTAINERS</a>   1995
t, Canal C	
e Contami	
d RAs for	Select an operation:
d RAs in t	<a href="#">[Modify ROD/DD]</a>
SA, Fenc	<a href="#">[Delete ROD/DD]</a>
e Fire Tra	<a href="#">[Create LUC for ROD/DD]</a>
	This data was last updated by SDAVIS on 2002-03-06 00:00:00.0.

# Land Use Controls and Documentation in AEDB-R and Installation Master Plans



## Existing LUCs in AEDB-R

- Enter LUC data
- Only sites associated with ROD and not used in other LUC will appear for associated sites

<input checked="" type="checkbox"/>	ORGANICS
<input type="checkbox"/>	PAH
<input type="checkbox"/>	PCBs
<input type="checkbox"/>	PESTICIDES
<input type="checkbox"/>	PETROLEUM HYDROCARBON
<input type="checkbox"/>	RADIOACTIVE
<input type="checkbox"/>	Unexploded Ordnance(UXO)
<input type="checkbox"/>	VOC

**Associated Sites:**

This list of sites only includes sites which have already b

Select	Site ID	Description
<input type="checkbox"/>	EACI00	CARROLL ISLAND STUDY AREA
<input checked="" type="checkbox"/>	EAGQ00	GRACES QUARTERS STUDY AREA

# Land Use Controls and Documentation in AEDB-R and Installation Master Plans



## New LUC

- Determine if multiple LUC exist
- Create LUCs on ROD page as needed

ve Action:	<a href="#">IRA</a>   <a href="#">WASTE REMOVAL - DRUMS, TANKS, BULK CONTAINERS</a>   1995
t, Canal C	
e Contami	
d RAs for	Select an operation:
d RAs in t	<a href="#">[Modify ROD/DD]</a>
SA, Fenc	<a href="#">[Delete ROD/DD]</a>
e Fire Tra	<a href="#">[Create LUC for ROD/DD]</a>
	This data was last updated by SDAVIS on 2002-03-06 00:00:00.0.



# Land Use Controls and Documentation in AEDB-R and Installation Master Plans



## LUCs are addressed in AR 210-20

Army Regulation 210-20

Installations

**Real Property  
Master  
Planning for  
Army  
Installations**

Headquarters  
Department of the Army  
Washington, DC  
16 May 2005

**UNCLASSIFIED**

# Land Use Controls and Documentation in AEDB-R and Installation Master Plans



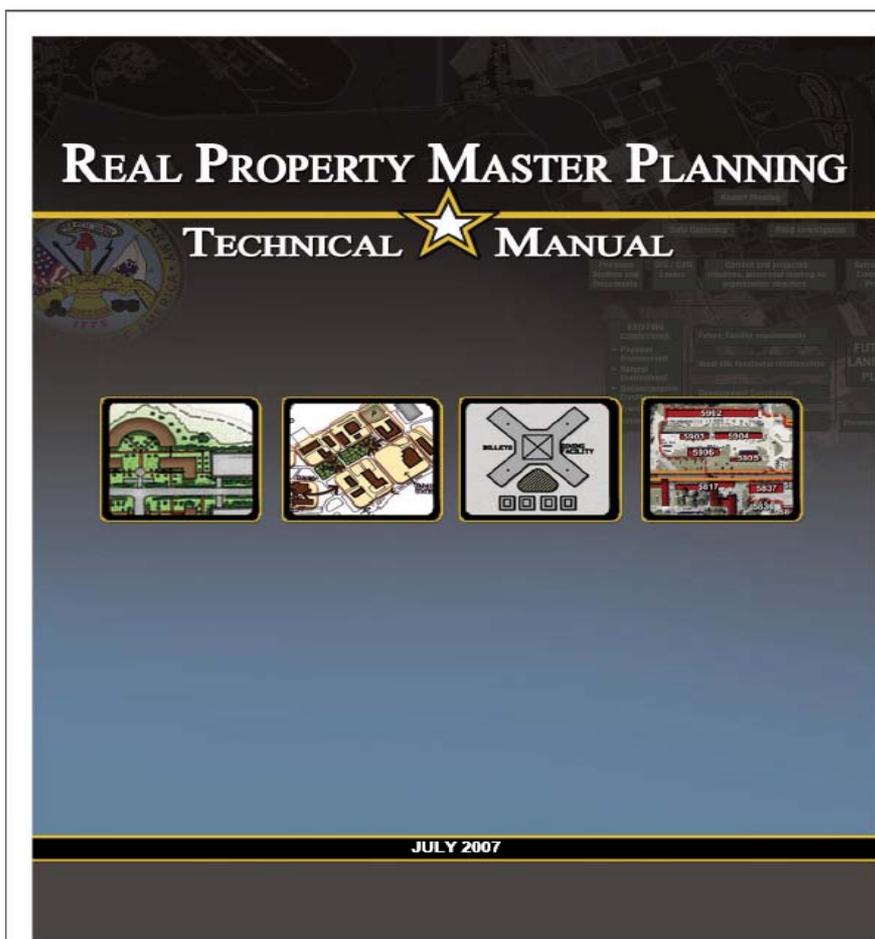
## LUCs are addressed in AR 210-20

- Plans will be annotated to reflect the LUCs and new land use if changed.
- During real property master planning of an Army installation, the real property master planner must consider limitations on potential uses of land associated with environmental contamination and cleanup.
- Real Property Master Plan documentation will track LUCs imposed on installation land until it leaves federal ownership.

# Land Use Controls and Documentation in AEDB-R and Installation Master Plans



## Additional Reference for Real Property Master Plan



# Land Use Controls and Documentation in AEDB-R and Installation Master Plans

## LUCs Standard Operation Procedures



- Reference LUCs Standard Operating Procedures in Installation Real Property Master Plan

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45	45.1. Installation Real Property Master Plan	4
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APPENDIX C	SOUTH AND NORTHERLY AREA	
APPENDIX D	LAND ACQUISITION STUDY AREA	
APPENDIX E	INSPECTION CHECKLIST	
APPENDIX F	ACRONYMS AND ABBREVIATIONS	
APPENDIX G	REFERENCES	

# Land Use Controls and Documentation in AEDB-R and Installation Master Plans



## Land Use Control (LUC) Section In Installation Action Plan

- Imports data from AEDB-R except Additional Information narrative

Land Use Control (LUC) Summary	
Site(s):	AAOA02
LUC title:	Test_Site#3
ROD/DD title:	ROD-DD_Test_DSERTS106-1
Location of LUC:	test
Land Use Restriction:	Media specific restriction - prohibit use of groundwater for consumption or domestic purposes, Media specific restriction - restrict withdrawal or use of groundwater for agricultural/irrigation purposes, Media specific restriction - Prohibit groundwater extraction that interferes with Remedial Action system, Media specific restriction - Restrict activities in surface water that result in contact with contaminated bottom sediments such as boating, diving, and swimming
Types of Engineering Controls:	Markers, Signs
Types of Institutional Controls:	Affirmative easements appurtenant, Building Codes, Deed Restrictions, Deed Notices
Date in Place:	200810
Modification Date:	
Date Terminated:	
Inspecting Organization:	County
Records of LUC:	Master Plan or Equivalent
Documentation Date:	
LUC Enforcement:	ECAS, Markers
Contaminants:	DIOXINS/DIBENZOFURANS, NITRATE/NITRITE, PESTICIDES, PCBs
Additional Information: <i>(i.e., coordinates, location within or outside the site, awareness programs, correlation between sites and restriction)</i>	<a href="#">[edit]</a>
Site(s):	AAML01, AAOA07
LUC title:	Test_Site#1

# Land Use Controls and Documentation in AEDB-R and Installation Master Plans



## Land Use Control (LUC) Section In Installation Action Plan

- Additional Information narrative includes information not collected in AEDB-R or for clarification of data in AEDB-R
  - coordinates
  - location within or outside the site
  - awareness programs
  - correlation between sites and restriction
  - other information

# Land Use Controls and Documentation in AEDB-R and Installation Master Plans



## Land Use Control (LUC) Section In Installation Action Plan

- Separate summary section in document

### Table of Contents

Statement Of Purpose.....
Acronyms.....
Acronym Conversion Table.....
Site Alias List.....
Installation Information.....
Land Use Control (LUC) Summary.....
Cleanup Program Summary.....

### Land Use Control (LUC) Summary

Site(s): AAML01, AAOA07

LUC Title: Test\_Site#1

ROD/DD Title: ROD- DD\_Test\_DSERTS106- 1

Location of LUC

test

Land Use Restriction: Landfill restriction - Restrict access to the site, Landfill restriction - Restrict construction of buildings that may interfere with LF cap or cover system

Types of Engineering Controls: Fences, Guards

Types of Institutional Controls: Deed Restrictions, Education programs

Date in Place: 200810

Modification Date: N/A

Date Terminated: N/A

Inspecting Organization: Air Force

Record of LUC: ECOP (Fed to Fed)

Documentation Date: N/A

LUC Enforcement: Annual Inspections

Contaminants: DIOXINS/DIBENZOFURANS, DISSOLVED SOLIDS (TOTAL)

Additional Information

N/A

# Land Use Controls and Documentation in AEDB-R and Installation Master Plans



**END OF BRIEF**

**INSTALLATION MANAGEMENT COMMAND**



***“Sustain, Support and Defend”***