

**UNSIGNED FINDING OF NO SIGNIFICANT IMPACT FOR
3700 STORAGE AREA IMPROVEMENTS AT REDSTONE ARSENAL, AL
ENVIRONMENTAL ASSESSMENT
MISSILE DEFENSE AGENCY**

**Approved for Public Release
15-MDA-8509 (11 December 15)**

1 AGENCY: Missile Defense Agency

2 ACTION: Finding of No Significant Impact

3

4 BACKGROUND: An Environmental Assessment has been prepared in accordance with the
5 National Environmental Policy Act; the Council on Environmental Quality implementing
6 regulation regulations (40 Code of Federal Regulations 1500-1508); Missile Defense Agency
7 procedures for implementing the National Environmental Policy Act (79 Federal Register 46410-
8 46419); and Environmental Effects of Army Actions (32 Code of Federal Regulations Part 651).
9 These laws and regulations direct MDA officials to consider environmental consequences when
10 authorizing or approving Federal actions.

11 This Environmental Assessment analyzes the potential environmental impacts associated with an
12 approximately 8-acre expansion of the gravel parking area at 3700 Storage Area site for
13 additional storage of large equipment and vehicles at Redstone Arsenal, Alabama; the
14 installation of a waterline; and three additional tents. This proposed action, and the No-Action
15 Alternative, were carried forward for review in the Environmental Assessment. This Finding of
16 No Significant Impact summarizes the results of the assessment.

17

18 SUMMARY OF ENVIRONMENTAL CONSEQUENCES: Airspace, biological resources,
19 cultural resources, hazardous materials/waste management, Installation Restoration Program
20 sites, radioactive materials, socioeconomic/environmental justice, storage tanks, transportation,
21 and utilities would not be affected. The proposed action would result in minor, short-term
22 negative impact to air quality, geology/topography and soils, land use, ordnance, and surface
23 water resources.

24 Air emission would result from construction activities. Excavation and movement of dirt and the
25 application of gravel would create temporary construction dust emissions due to the movement
26 of heavy equipment and the unloading, moving, and compaction of the fill. With standard dust
27 suppression techniques and vehicle maintenance programs used, the impacts would not be
28 significant.

29 Because the 3700 Storage Area site is relatively flat, the ground-disturbing activities associated
30 with the proposed action would not involve large scale cutting, filling, or grading of the area;
31 therefore, geology and soils are not expected to be significantly altered. Best Management
32 Practices for erosion control, topsoil management, and revegetation would be required and stated
33 in the construction contract.

34 Overall, potential effects to land use from the proposed action would not be significant. The
35 proposed action does not follow the Garrison Master Plan, specifically fitting within the
36 designated Professional land use classification. However, there is enough open space around the
37 3700 Storage Area that provides safety, visual buffers, and force protection benefits. Existing

**UNSIGNED FINDING OF NO SIGNIFICANT IMPACT FOR
3700 STORAGE AREA IMPROVEMENTS AT REDSTONE ARSENAL, AL
ENVIRONMENTAL ASSESSMENT
MISSILE DEFENSE AGENCY**

**Approved for Public Release
15-MDA-8509 (11 December 15)**

1 and future land uses external to the site would not be affected by the proposed action. Thus, there
2 would be no discernible adverse effects to land use.

3 The only impacts from ordnance would be when construction crews dig trenches or clear
4 vegetation growing in areas with potential unexploded ordnance. There are land restrictions in
5 place at the site because of the low possibility of unexploded ordnance. At a minimum,
6 unexploded ordnance support would be on-call during intrusive digging operations. The response
7 time for "on call" construction support must be within 24 hours. In addition, because of the
8 possibility of soils containing unexploded ordnance, no off-site transport of excavated materials
9 would occur. With these Best Management Practices in place, there are no significant
10 environmental impacts from unexploded ordnance.

11 With the implementation of appropriate construction storm water Best Management Practices,
12 and the installation of a storm water detention area, the impacts of the proposed action to surface
13 water quality would be insignificant.

14

15 **CUMMULATIVE IMPACTS:** The Proposed Action would have no significant direct or
16 indirect effects on an aspect of the environment. Therefore, cumulative effects were not
17 considered.

18

19 **MITIGATION:** Although there are no significant impacts expected to any resource areas
20 evaluated, the following best management practices would be implemented, as appropriate, to
21 minimize potential short-term impacts from the proposed project:

22 Air Quality:

- 23 • Fugitive dust emissions reductions during construction activities

24 Geology and Soil:

- 25 • Construction Best Management Practices.
26 • Rapid stabilization of disturbed areas.

27 Ordnance:

- 28 • Adherence to all protocols dictated in the Department of Defense Manual 6055-09
29 Volume 7.
30 • No off-site transport of excavated materials.

31 Surface Water Resources:

- 32 • Construction Best Management Practices.
33 • Spill Kits.
34 • Adherence to American National Standards Institute/American Water Works
35 Association Standards 600-606 when installing new water main.
36

**UNSIGNED FINDING OF NO SIGNIFICANT IMPACT FOR
3700 STORAGE AREA IMPROVEMENTS AT REDSTONE ARSENAL, AL
ENVIRONMENTAL ASSESSMENT
MISSILE DEFENSE AGENCY**

**Approved for Public Release
15-MDA-8509 (11 December 15)**

1 **PUBLIC REVIEW AND COMMENT:** The Unsigned Finding of No Significant Impact and
2 the Proposed Final Environmental Assessment were made available for review and comment for
3 30 calendar days starting on January 27, 2016. Copies of the proposed documents can be
4 obtained on the Missile Defense Agency public website:

5 http://www.mda.mil/news/environmental_reports.html.

6 Please send your written responses via E-mail (preferred) to envgrp@mda.mil or by regular mail
7 to:

8 Missile Defense Agency/DPFE
9 Building 5222 Martin Road
10 Redstone Arsenal, AL 35898
11 ATTN: Ms. Bettie McCaulley
12

13 Comments must be postmarked or received by February 26, 2016 to ensure they become
14 part of the official record.

15 No comments or issues were received - **TBD.**

16 **CONCLUSION:** The environmental analysis in the *Environmental Assessment for 3700 Storage*
17 *Area Improvements at Redstone Arsenal, AL*, incorporated herein by reference, determined that
18 no significant impacts would occur as a result of the Proposed Action. Preparation of an
19 Environmental Impact Statement, therefore, is not required. Under the No-action Alternative, no
20 environmental consequences associated with the proposed improvements would occur.

21

22 **POINT OF CONTACT:** The point of contact for questions, issues, and information relevant to
23 the Environmental Assessment is:

24 Bettie McCaulley
25

26 Bettie McCaulley can be reached by e-mail at envgrp@mda.mil.
27
28

29

**UNSIGNED FINDING OF NO SIGNIFICANT IMPACT FOR
3700 STORAGE AREA IMPROVEMENTS AT REDSTONE ARSENAL, AL
ENVIRONMENTAL ASSESSMENT
MISSILE DEFENSE AGENCY**

**Approved for Public Release
15-MDA-8509 (11 December 15)**

1 PROPONENT OF THE ACTION:	42 REVIEWED BY:
2	43
3	44
4	45
5 _____ Date _____	46 _____ Date _____
6 JOHN H. JAMES, JR.	47 Allison N. Guilliams
7 Executive Director	48 National Environmental Policy Act Coordinator
8 Missile Defense Agency	49 Cultural/Natural Resources Branch
9	50 Environmental Management Division
10	51 Redstone Arsenal, AL
11	52
12	53
13 APPROVAL BY:	54
14	55 _____ Date _____
15	56 Thomas F. Richardson
16	57 Chief, Cultural/Natural Resources Branch
17 _____ Date _____	58 Environmental Management Division
18 Terry W. Hazle	59 Redstone Arsenal, AL
19 Chief, Environmental Management Division	60
20 Directorate of Public Works	61
21 Redstone Arsenal, AL	62
22	63 _____ Date _____
23	64 Michael J. Stierwalt
24	65 Chief, Installation Compliance Branch
25 FINAL APPROVAL BY:	66 Environmental Management Division
26	67 Redstone Arsenal, AL
27	68
28	69
29 _____ Date _____	70
30 WILLIAM L. MARKS, II	71 _____ Date _____
31 COL, LG	72 Terry de la Paz
32 Commanding	73 Chief, Installation Restoration Branch
33 Redstone Arsenal, AL	74 Environmental Management Division
34	75 Redstone Arsenal, AL
35	76
36	77
37	78 _____ Date _____
38	79 Walter S. King
39	80 Garrison Legal Advisor
40	81 Legal Office
41	82 Redstone Arsenal, AL