

**RESTORATION INFORMATION MANAGEMENT SYSTEM  
FORMERLY USED DEFENSE SITES (FUDS)  
PROJECT FACT SHEET  
AUGUST 1998  
HNC REVISION: 19 NOVEMBER 1998  
TAG REVIEW DATE: 12 JANUARY 1999**

**1. SITE NAME:** Kisatchie Precision Bombing Ranges No. 1  
to 3 & Tent Site

**SITE NUMBER:** A06LA029500

**LOCATION:**

City: Winnfield  
Parishes: Winn, Natchitoches  
State: Louisiana

**PROJECT NUMBER:** A06LA029501

**CATEGORY:** OE

**INPR RAC:** 4

**ASR RAC:** 5

**TAG RAC:** 4

**2. POC'S:**

**GEOGRAPHIC DISTRICT:**

Name: David Scotto  
Office: CESWF-PM-J  
Phone: 817-978-2724

**GEOGRAPHIC DIVISION:**

Name: Scott Weber  
Office: CESWD-PM-M  
Phone: 214-767-2406

**HEADQUARTERS:**

Name: Sara Goodwin  
Office: CEMP-RF  
Phone: 202-761-5223

**ASR/INPR TEAM:**

Name: Richard L. Pike  
Office: CEHNC-OE-DC  
Phone: 256-895-1559

**ASR SUPPORT DISTRICT:**

Name: Randal Curtis  
Office: CEMVS-ED-P  
Phone: 314-331-8786

**ASR TECHNICAL REVIEWER:**

Name: Thomas M. Meekma  
Office: SIOAC-ESL  
Phone: 815-273-8739

**3. SITE DESCRIPTION:** The former Kisatchie Precision Bombing Ranges No. 1 to 3 & Tent Site consisted of four separate sites located in the north central portion of Louisiana, southeast of Shreveport in Winn and Natchitoches Parishes. Total project

acreage, the sum of the four locations, is 1,582.98 acres. The first range, **PBR-1**, consisting of 525.76 acres, was located approximately 16 miles northwest of Winnfield, LA, centered in section 3, Township 13 North, Range 5 West, Winn Parish. The second range, **PBR-2**, consisting of 525.76 acres, was located five miles southwest from PBR-1 and 20 miles northwest of Winnfield, LA, centered in portions of sections 27, 26, 34 and 35, Township 13 North, Range 6 West, Natchitoches Parish, LA. The third range, **PBR-3**, consisting of 525.76 acres, was located nine miles due west of Winnfield, LA, centered in section 29, Township 11 North, Range 4 West, Winn Parish, LA. Additionally, the **tent site**, consisting of 5.70 acres, was located one mile north of Calvin, LA and nine miles northwest of Winnfield, LA, in section 33, Township 12 North, Range 4 West, Winn Parish, LA. All locations are part of the Kisatchie National Forest managed by the Forest Service of the United States Department of Agriculture.

Elevations for **Kisatchie PBR No. 1** range from 200 feet to 290 feet above sea level. Runoff from the site flows west into the Cypress Creek, north into the Fouse Bayou, and east into the Dugdemona River. No significant flooding is expected for the site, with runoff from the site being primarily sheet flow via swales to the off site streams or to the headwaters of an unnamed tributary of the Dugdemona River. Terrain is covered with pine needles. Vegetation includes trees and brush.

Elevations for **Kisatchie PBR No. 2** range from 170 feet to 280 feet above sea level. Runoff from the site flows north into the Dry Choctaw Creek, east into Saline Bayou, and south into Ragan Creek. Dry Choctaw and Ragan Creeks flow east into Saline Bayou, a tributary of the Red River. Portions of the site can be occasionally flooded by Dry Choctaw Creek. Part of the target area is cleared of trees. A dried pond covers part of the site. Thick grasses and trees are present.

Elevations for **Kisatchie PBR No. 3** range from 210 feet to 300 feet above sea level. The site lies in the headwaters of Couley Creek, which has been dammed at the target center forming a pond. Runoff flows generally southwest, emptying into Saline Bayou. Portions of the site can be flooded occasionally by Couley Creek, though flooding would be infrequent and of short duration. Terrain at the target is covered by shrubs, grasses and pine needles. Trees are also present at the site.

Elevations for the **Kisatchie Tent** site range from 175 feet to 230 feet above sea level. Runoff flows mainly south into Garfish Creek and then into Milam Branch Creek. Small areas of the site can be flooded occasionally by Garfish Creek, though flooding would be of short duration and confined to the area near the

channels. Trees up to six inches in diameter now cover the site, which was once a cleared site in the forest when used by the military.

The region has transitional climate between the subtropical humid type prevalent to the south and the continental climates of the Great Plains and Middle West to the north. In January, the average minimum temperature is 36 F and the average maximum is 56 F. The average July minimum temperature is 73 F and the average maximum is 93 F. Total average annual precipitation is 46.9 inches.

**4. SITE HISTORY:** The U.S. Army Air Corps acquired a total of 1,582.98 acres for Kisatchie Precision Bombing Ranges No. 1 to 3 & Tent Site, also known as the Kisatchie Bombing Ranges or Winnfield Bombing Range, as sub-bases of Barksdale Field, Louisiana. On 7 January 1941, the U.S. Department of Agriculture (USDA) agreed to allow the Army use of three areas for practice bombing. Permits were issued. Due to the distance of these ranges from the main field, the base established a tent camp on the site of a former Civilian Conservation Corps (CCC) on 17 May 1941 to operate and maintain the bombing ranges.

Each of the three practice bombing ranges consisted of a cleared circular target with a 1,000 foot radius and three observation towers constructed of either steel or wood. At the tent camp, the Army added several permanent structures, including a mess hall, power house, bath house, water storage tank and wooden post fence of 1500 feet in length.

Barksdale Army Air Base declared the ranges and tent camp surplus to their needs on 11 December 1946. The Army declared the four properties surplus on 30 September 1947. The PBRs and the tent camp were relinquished to the USDA on 23 September 1949 and retransferred on 3 November 1949.

## **5. PROJECT DESCRIPTION**

### **AREA A**

Size, Acres:	525.76
Former Use:	Kisatchie PBR No. 1
Present Use:	Part of Kisatchie National Forest, managed by Forest Service, USDA.
Probable End Use:	Part of Kisatchie National Forest, managed by Forest Service, USDA.
Ordnance Presence:	<b>Confirmed</b>
Type:	100 lb practice bomb, M38A2

**AREA B**

Size, Acres: 525.76  
Former Use: Kisatchie PBR No. 2  
Present Use: Part of Kisatchie National Forest, managed by Forest Service, USDA.  
Probable End Use: Part of Kisatchie National Forest, managed by Forest Service, USDA.  
Ordnance Presence: **Confirmed**  
Type: 100 lb practice bomb, M38A2

**AREA C**

Size, Acres: 525.76  
Former Use: Kisatchie PBR No. 3  
Present Use: Part of Kisatchie National Forest, managed by Forest Service, USDA.  
Probable End Use: Part of Kisatchie National Forest, managed by Forest Service, USDA.  
Ordnance Presence: **Confirmed**  
Type: 100 lb practice bomb, M38A2

**AREA D**

Size, Acres: 5.70  
Former Use: Tent Site  
Present Use: Part of Kisatchie National Forest, managed by Forest Service, USDA.  
Probable End Use: Part of Kisatchie National Forest, managed by Forest Service, USDA.  
Ordnance Presence: **None**  
Type: Not Applicable

**6. CURRENT STATUS:** The Archives Search Report (ASR) for Kisatchie Precision Bombing Ranges No. 1 to 3 & Tent Site was completed by the U.S. Army Corps of Engineers, St. Louis District, in August 1998.

**7. STRATEGY:**

- AREA A:** RAC 4;EE/CA
- AREA B:** RAC 4;EE/CA
- AREA C:** RAC 4;EE/CA
- AREA D:** RAC 5;NOFA

**8. ISSUES AND CONCERNS:** The Huntsville Center Technical Advisory Group (TAG) met and discussed this ASR on 12 January 1999 and agrees with the HNC Safety review. The TAG determined a

strategy of **EE/CA, RAC 4** for the three precision bombing ranges, **Areas A, B, and C, and NOFA, RAC 5** for **Area D, the Tent Site.**

The site inspection team found a few pieces of sheet metal from M38A2 100 lb practice bombs near the center of the target of each of the three ranges. In addition, a U.S. Forest Service spokesman stated that he had previously found complete practice bombs at Kisatchie PBR No. 2.

The ASR recommends a strategy of NOFA for the entire site, stating: "The ASR team only located a few pieces of OE debris during the site inspection, much less than typically found at a bombing range in their experience. All three of the sites have been logged at least once, since the military's use. Based on the scarcity of OE debris on the surface, the effects of the humid climate on the materials and the consequences of logging the sites, the ASR team believes the likelihood of finding an intact and functional spotting charge to be remote and OE hazard potential to be negligible." **However, with the evidence of the practice bombs at the three bombing ranges, the correct RAC score for the three bombing ranges is 4 and a strategy of EE/CA is indicated.**

**HNC Safety Comments:** Concurs with RAC 5 and a strategy of NOFA for the Tent Site, Area D. Does not concur with RAC 5 and a strategy of NOFA for the three bombing ranges because of the practice bomb debris present at each of these three locations. An updated RAC form with a value of 4 is attached for the site. Also, the reviewer noted some items requiring correction.

**Area C, Kisatchie PBR No. 3:** The site lies in the headwaters of Couley Creek, which has been dammed at the target center forming a pond. This pond will make clearance of the site more difficult.

**Clearances:** The archives search located a certificate for Kisatchie Precision Bombing Range dated 25 February 1947. The certificate states that "bombing ranges numbers 1,2, and 3...are free from explosives and have been decontaminated in accordance with War Department Circular 195 dated 29 June 1945." No certificate of clearance was located for the tent city.

**CWM:** The ASR states that there is no evidence of chemical warfare materials (CWM) storage, usage, storage, or disposal.

**Natural Resources:** Federally and State threatened species occur within the site area and are listed in ASR Findings, pages 3-5 through 3-6, and paragraph 3.5. An on-site inspection by appropriate State and Federal personnel may be necessary to

verify the presence, absence or location of listed species, or natural communities.

**Historical Resources:** The ASR does not address the presence or absence of historical/cultural resources at this site. Any intrusive measures taken at the site will require oversight by the State Historical Preservation Office and/or other like organizations.

**9. SCHEDULE SUMMARY:**

Phase	Original Start	Schedule Start	Actual Start	Original Complete	Schedule Complete	Actual Complete
EE/CA						

**10. FUNDING/BUDGET SUMMARY:**

Year	Phase	Exec FOA	In-House Required	Contract Required	Funds Obligated
1	EE/CA		\$ 50,000	\$250,000	
2	RD		\$ 50,000		
3	RA		\$100,000	\$2,000,000(6 Months)	

ED-ES provides estimate of EE/CA based on number of samples, size of area, plan of action, etc. This is a programming estimate to be used for programming project start in appropriate