



# **Pinecastle Jeep Range Community Relations Plan**

FUDS Property Number: I04FL0405



U.S. Army Corps of Engineers  
Jacksonville District  
701 San Marco Boulevard  
Jacksonville, FL 32207-0019



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## 1.0 OVERVIEW OF COMMUNITY RELATIONS PLAN

The United States Army Corps of Engineers (USACE) developed this Community Relations Plan to communicate with the community living near, working within, or visiting the Pinecastle Jeep Range Formerly Used Defense Site, and to encourage community involvement in site activities. USACE will utilize the activities outlined in this plan to ensure that the community is informed and provided opportunities to be involved.

This Community Relations Plan addresses the site's relationship to the community and USACE (Section 2.0), provides a background of the community (Section 3.0), presents the community involvement program (Section 4.0), and provides a listing of available resources. USACE drew upon several information sources to develop this plan, including community interviews and site files. USACE will oversee the implementation of the community involvement activities outlined in this plan.

Across the country, the Department of Defense acquired properties, often during times of conflict, to use for military demonstrations, training, and testing. Once the military no longer needed the land, the federal government transferred it to other entities. These Formerly Used Defense Sites can range from privately owned farms to national parks. They also include residential, educational, and industrial areas. The Department of Defense is committed to protecting people and the environment and improving public safety and created the Defense Environmental Restoration Program for Formerly Used Defense Sites to evaluate, and if necessary, remediate Formerly Used Defense Sites. The Department of Defense is the lead agency for the Formerly Used Defense Sites program, and the U.S. Army serves as the lead agent for the Department of Defense. USACE executes the program on behalf of the Army and follows the Comprehensive Environmental Response, Compensation, and Liability Act.

The Comprehensive Environmental Response, Compensation, and Liability Act process has three major phases: inventory, study, and removal/remediation. The inventory phase includes searching real estate records to verify previous Department of Defense use or ownership. In the Preliminary Assessment, USACE evaluates eligibility and the potential need for cleanup. If there are no potential risks to people or the environment, no action is needed. If the Preliminary Assessment determines further evaluation of potential risks is necessary, the project will move to the study phase. The study phase consists of several investigations including a Site Inspection, Remedial Investigation, and Feasibility Study. A Site Inspection documents the confirmation of the presence or absence of potential risks. The purpose of a Remedial Investigation is to determine what military-related impacts may be present and where it is. This is known as characterizing the nature and extent of potential risks to people or the environment. If the Remedial Investigation identifies risks to people or the environment, a Feasibility Study is prepared to evaluate appropriate response to address those risks. The Remedial Investigation/Feasibility Study is summarized in the Proposed Plan which also identifies USACE's preferred alternative. The public has a minimum of 30 days to comment on the Proposed Plan. After the public comment period, USACE selects the remedy in the Decision Document. If there are risks to people or the environment, the project will move to the removal/remediation phase. This phase includes designing and implementing the necessary actions to address the risk. Once USACE implements the selected remedy, the project reaches Response Complete. Depending on the site, the project may closeout with no further action necessary, or it may move into the Long-Term Management phase where we evaluate the site

every five years to determine if the implemented remedy is still protecting people and the environment. Figure 1 depicts the process USACE follows.

USACE has implemented the selected remedy (public awareness), and the project has achieved Response Complete. The Pinecastle Jeep Range project is now in Long-Term Management. While in Long-Term Management, we will continue to maintain the public awareness program.

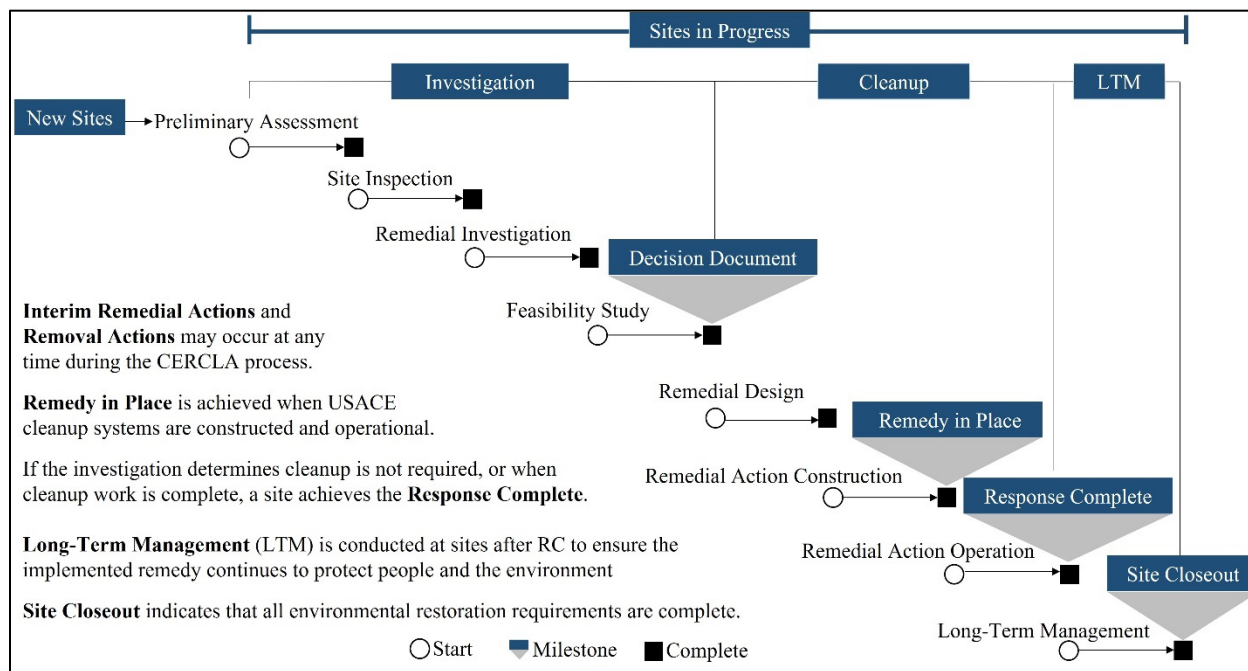


Figure 1: Comprehensive Environmental Response, Compensation, and Liability Act Flow

## 2.0 SITE DESCRIPTION AND HISTORY

Across the country, the Department of Defense acquired properties, often during times of conflict, to use for military demonstrations, training, and testing. Once the military no longer needed the land, it was transferred to other entities. These Formerly Used Defense Sites can range from privately owned farms to National Parks. They also include residential, educational, and industrial areas. The Department of Defense is committed to correcting environmental impacts caused by its past activities and created the Defense Environmental Restoration Program to evaluate, and if necessary, to remediate Formerly Used Defense Sites. USACE is responsible for managing the Formerly Used Defense Sites on behalf of the Department of Defense.

### 2.1 PROPERTY HISTORY

During World War II, the government leased 12,483 acres in Orange County, Florida for an Army training facility that became known as Pinecastle Jeep Range (FUDS Property Number I04FL0405). The Army initially used the site for small arms training but later used it for demonstrations associated with the Army Air Force School of Applied Tactics (AAFSAT). The AAFSAT curriculum included choreographed munitions demonstrations which took place in front of students and observers situated on bleachers nearby. Training demonstrations of strafing, practice bombing, air-to-ground rocket firing, and high explosive bombing.

In the late 1940s, when the military no longer needed the property, the government terminated the leases and returned the land to the property owners. Multiple entities now own the land comprising the Formerly Used Defense Site. The land includes private residences, schools, commercial and government buildings, and undeveloped pastureland.

### ***2.1.1 Potential Contaminants***

Munitions and munitions constituents (the metals and explosives that comprise munitions) were present within portions of the Formerly Used Defense Site. However, USACE has addressed these issues (see Section 2.0).

### ***2.1.2 U.S. Army Corps of Engineers Involvement***

The U.S. Army Corps of Engineers initially evaluated the Pinecastle Jeep Range in the early 1990s and signed the Findings and Determination of Eligibility in 1994 indicating the property was eligible for the Formerly Used Defense Sites Program. The Inventory Project Report specifying the need for further investigations related to potential munitions was signed in 1995. While conducting a Site Inspection of the Formerly Used Defense Site, a property owner reported finding munitions on undeveloped land, known as the Mockingbird property. This discovery led to a Time Critical Removal Action.

Since 2007, USACE has completed further remedial actions, and the site is now in “Long-Term Management.” That means USACE continues to monitor the site to ensure the implemented remedial responses continue to protect the community and the environment. (see also 2.2.3)

### ***2.1.3 Community Reaction***

Initially, there was significant community interest in the site, especially within the area near the demonstration range. Residents expressed concern about their safety and property values. Once the Remedial Investigation was completed and remedial responses were implemented, the level of interest declined. Currently, USACE periodically receives requests for information as property within the Formerly Used Defense Site is developed and/or purchased.

## **2.2 PROPERTY DESCRIPTION AND LOCATION**

Pinecastle Jeep Range is in Orlando, Florida (Orange County) about 4 miles northeast of the Orlando International Airport. USACE divided the Formerly Used Defense Sites into four Munitions Response Sites based on the investigative results and land use: Demonstration Range North, Demonstration Range South, Demonstration Range East and Remaining Area. The demonstration ranges are south of Lee Vista Boulevard, north of Beachline Expressway, from the western boundary of the property east to the Orange County landfill. The Munitions Response Site locations and preferred alternatives are noted in the subheadings below (see Figures 1 and 2)

### ***Demonstration Range North***

Demonstration Range North is south of Lee Vista Boulevard and includes Odyssey Middle School, Tivoli Gardens and Lee Vista Square. A removal action was recommended at all locations that were not investigated during the Remedial Investigation and Time Critical Removal Action. Soil samples were collected where munitions were found and/or destroyed, and if munitions constituents were found above the Florida Department of Environmental Protection limits, the soil was removed.

### Demonstration Range South

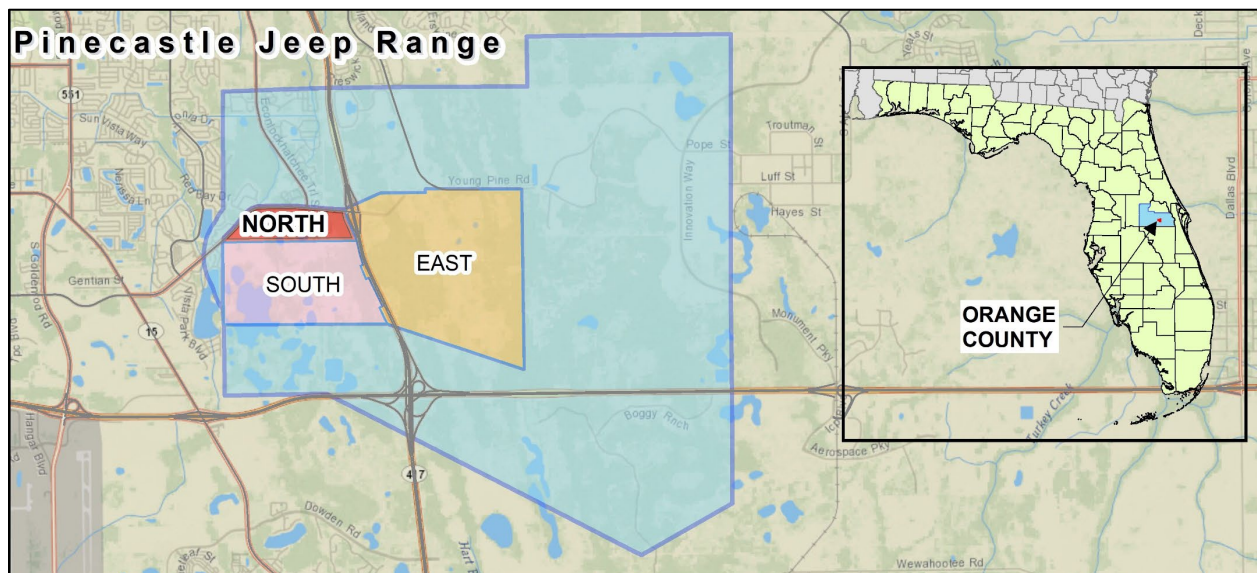
Demonstration Range South is a portion of the undeveloped property known as Mockingbird. A removal action was recommended at all locations that were not investigated during the Remedial Investigation and Time Critical Removal Action along with soil sampling. The property owner would not sign a right-of-entry form allowing USACE to complete the recommended action. The property owner agreed to complete the recommended action on their own to allow the property to be developed.

### Demonstration Range East

Demonstration Range East includes Beltway Commerce Center and a portion of the Orange County landfill property. Construction support is recommended because six munitions were recovered during investigations of the Beltway Commerce Center and at the Orange County Solid Waste Management Facility. Since this MRS has a relatively large acreage with commercial, industrial and institutional land use and low occurrence of munitions, a complete removal action is not warranted. Construction support will be provided for major development or construction, provided the support is scheduled in advance.

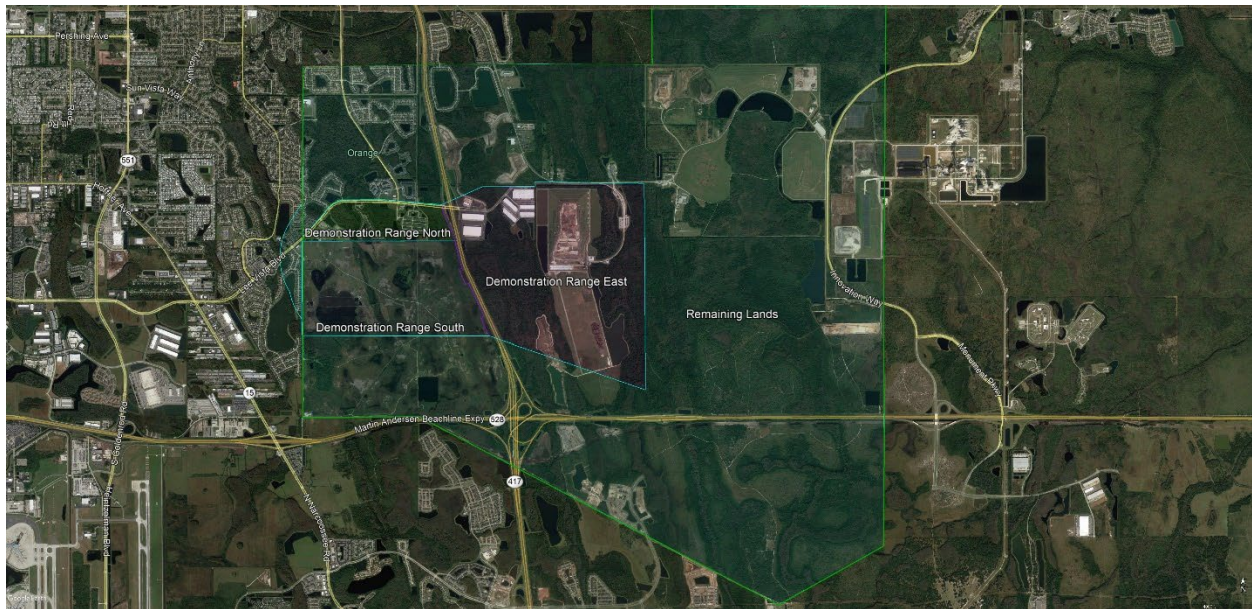
### Remaining Areas

All the residential neighborhoods except those in Demonstration Range North are in the Remaining Area. No further action in the area outside of the Demonstration Ranges is necessary because no munitions were located in these areas.



*Figure 2: Former Pinecastle Jeep Range*





*Figure 3: Pinecastle Jeep Range Munitions Response Sites*

## **2.3 PROPERTY INSPECTIONS AND CLEANUP ACTIVITIES**

### ***2.3.1 Lead Agency***

USACE is responsible for cleanup activities related to the military's use of the site and coordinates with the Florida Department of Environmental Protection, Orange County, the City of Orlando, and other stakeholders.

### ***2.3.2 Known or Suspected Contamination***

Munitions and munitions constituents associated with the military's training were found within the Demonstration Ranges.

### ***2.3.3 Nature of Threat***

Munitions could pose a safety hazard, and munitions constituents could potentially be a risk to people and the environment.

### ***2.3.4 History of Inspections and Studies***

Table 1 lists the inspections and studies conducted at the Pinecastle Jeep Range. Explanation, information and findings from each of these reports are summarized below.

*Table 1: Studies at the Pinecastle Jeep Range Formerly Used Defense Site*

Activity	Year Completed
Findings and Determination of Eligibility	1994
Inventory Project Report	1995
Archive Search Report	2004
Site Inspection	2007
Time Critical Removal Action	2008
Historical Records Review	2010
Remedial Investigation/Feasibility Study	2010

Proposed Plan	2010
Decision Documents	2011
Remedial Action Implemented for Demonstration Range North and Demonstration Range East	2014
Five-Year Reviews	Ongoing

### **Findings and Determination of Eligibility**

The Findings and Determination of Eligibility documented that the site is eligible for the Formerly Used Defense Sites program.

### **Inventory Project Report**

The purpose of the Inventory Project Report was to evaluate if the Formerly Used Defense Site warranted further investigation.

### **2007 Site Inspection**

USACE initiated a Site Inspection in 2006 to determine the presence or absence of munitions. While conducting the Site Inspection, a property owner (Mockingbird, LLC) reported finding munitions on his property. That led to USACE beginning a Time Critical Removal Action before the Site Inspection was finalized.

### **2008 Time Critical Removal Action**

USACE initiated the Time Critical Removal Action in 2007 (completed in 2008) to address the imminent danger associated with munitions known or suspected to be present at Odyssey Middle School, Tivoli Gardens, and portions of the Warwick subdivision and the Mockingbird property.

### **2010 Remedial Investigation/Feasibility Study**

While the Time Critical Removal Action was underway, USACE initiated a Remedial Investigation/Feasibility Study of the entire former Pinecastle Jeep Range in 2008. The purpose was to determine where and what type of military-related materials were present. During the investigation, crews searched for munitions and collected soil and water samples. They dug up over 51,000 objects and collected almost 200 environmental samples. Over 800 of the metallic items were debris related to munitions (such as bullet casings and fragments), but only 24 were actual munitions. The remaining objects were nails, fencing and the like. The munitions and munitions debris (pieces of munitions that do not contain an explosive hazard) were found primarily on undeveloped land. No munitions or pieces of munitions were found north of Lee Vista Boulevard nor were munitions constituents identified in any of the residential areas. The Remedial Investigation/Feasibility Study provided the necessary information to develop the most appropriate alternatives for future action. These alternatives were included in the Proposed Plan that was presented to the public for comment in 2010.

### **2010 Proposed Plan**

The Proposed Plan summarized the Remedial Investigation/Feasibility Study and presented the preferred alternative for each of the four Munitions Response Sites as noted in Section 2.2 above.

### **Decision Documents**

The Decision Document officially selects the preferred alternative or selected remedy. Once the Decision Document is signed, USACE can implement the recommended action. The Decision Documents for Demonstration Range East and Remaining Area were signed in 2011; the Decision Document for Demonstration Range North was signed January 5, 2012, and the one for Demonstration Range South was signed June 15, 2015.



### **2014 Remedial Action**

USACE initiated the Remedial Action to search for and remove munitions and munitions constituents (if present) within Demonstration Range North in 2013. The remedy was removal of MECs, removal of MC-contaminated soil, and educational awareness. Areas investigated included the munitions “burial pits” at Odyssey Middle School and other areas inaccessible when the TCRA was conducted at the school, the parcels in Tivoli Gardens not investigated during the TCRA, the parcels in Lee Vista Square not investigated during the Remedial Investigation, and the accessible areas within the wetlands (conservation areas). Public awareness activities were implemented for both Demonstration Range North and Demonstration Range East and remain ongoing. No action was required for Remaining Areas, and USACE has closed that project. The property owner for Demonstration Range South refused to allow USACE to conduct the Remedial Action, so USACE has closed that project as well.

### **Five-Year Reviews**

The purpose of a Five-Year Review (FYR) is to evaluate the implementation and performance of a remedy to determine if the remedy is and will continue to be protective of human health, safety, and the environment. USACE conducted a Site Inspection of Demonstration Range North on 10/28/2020. The purpose of the inspection was to assess the protectiveness of the remedy by evaluating if there have been any changes in land use, new construction, and the like. No changes in land use or new construction activities were observed; therefore, nothing was identified that would impact the remedy’s protectiveness. USACE finalized this five-year review in 2021, therefore the projected date for the next five-year review is 2026.

## **3.0 COMMUNITY BACKGROUND**

### **3.1 COMMUNITY PROFILE**

Table 2 presents the 2019-2023 five-year estimates census data for Census Tracts 167.56 and 167.53, Orange County, and the State of Florida.

*Table 2: Census Data Comparing Census Tracts, County, and State*

Subject	Census Tract 167.56		Census Tract 167.53		Orange County		Florida	
	Estimate	%	Estimate	%	Estimate	%	Estimate	%
Total population	2,851	--	7,581	--	1,440,471	--	21,928,881	--
White	1,456	51.1	3,365	44.4	646,364	46.6	12,864,316	59.9
Black or African American	77	2.7	589	7.8	286,209	20.3	3,245,430	15.3
Hispanic or Latino	2,081	73.0	4,644	61.3	470,536	33.2	5,786,729	26.7
Median age (years)	42.5	--	33.0	--	36.4	--	42.6	--
Owner-occupied housing units	795	83.5	1,221	52.7	292,112	57.4	4,022,019	67.3
Population over Age 25 without high school diploma	22	1.1	462	9.3	97,866	9.97	1,643,437	10.3
Born in United States	2,004	55.3	5,876	57.6	1,023,301	67.4	16,148,545	74.7
Population born outside the United States	759	26.6	1,329	17.5	337,895	23.5	4,694,419	21.4
Language Spoken at Home								
English only	1,072	38.8	4,495	62.4	843,915	62.1	14,548,731	69.9
Language other than English	1,691	61.2	2,710	37.6	514,343	37.9	6,265,822	30.1
Spanish	1,407	50.9	2,496	34.6	352,936	26.0	4,618,042	22.2

Speak English less than “very well”	489	34.8	980	39.3	141,259	40.0	1,962,878	42.5
Mean household income (dollars)	52,063	--	42,721	--	36,450	--	36,270	--
% Below Poverty Line								
All families for whom poverty status was determined	64	2.2	963	12.7	182,784	13.0	2,707,698	12.6
Families with related children under 5 years old for whom poverty status was determined	12	13.6	156	41.5	14,652	18.1	199,069	18.2
Families with related children under 18 years only for whom poverty status was determined	12	2.0	178	8.3	50,321	16.5	697,069	16.5
No vehicles available	0	0.0	56	1.5	22,467	3.1	280,617	2.8
Computers and Internet Use								
Total households	953	--	2,318	--	508,907	--	8,550,911	--
With a computer	953	100.0	2,282	98.4	495,719	97.4	8,207,911	96.0
With a broadband internet subscription	953	100.0	2,208	95.3	473,191	93.0	7,716,503	90.2
Source: U.S. Census Bureau, 2019-2023 American Community Survey 5-Year Estimates								

### 3.2 HISTORY OF COMMUNITY INVOLVEMENT

During the Time Critical Removal Action and Remedial Investigation/Feasibility Study, USACE was actively engaged with the community, hosting community meetings, attending homeowners’ association meetings, mailing letters to all the property owners within the boundaries of the Formerly Used Defense Site, placing notices in local newspapers, and hosting media events. There was also a Restoration Advisory Board for Pinecastle Jeep Range. The Restoration Advisory Board became less active after the Proposed Plan public meeting, and after the last Decision Document was signed, the board voted to adjourn.

### 3.3 KEY COMMUNITY CONCERNS

Between 2007 and 2010, USACE conducted interviews with residents, property owners throughout the site, government officials, and representatives for the Orange County school system. Generally, the primary concerns were public safety and property values.

In 2019 and 2020, USACE contacted local stakeholders including various county and city officials, emergency response agencies, the superintendent of Orange County public schools, the Odyssey Middle School principal, and other stakeholders to determine if there are any concerns at Demonstration Range North and Demonstration Range East and to evaluate if the implemented remedies continue to remain protective of people and the environment. No one expressed any concerns.

In 2025, USACE again contacted local stakeholders and sent a letter and fact sheet to the property owners within Demonstration Ranges North and East. Some government agencies and residents responded to the questionnaire/letter, but no one expressed concerns.

### **3.4 RESPONSE TO COMMUNITY CONCERNS**

USACE addressed the safety concerns by conducting a Time Critical Removal Action (in 2008) and Remedial Investigation/Feasibility Study (in 2010) and implemented the selected Remedial Action.

Once USACE completed the investigations and the media attention waned, property values improved.

### **3.5 SUMMARY OF COMMUNICATION NEEDS**

The two remaining projects (Demonstration Ranges North and East) are in “Long-Term Management” where USACE conducts Five Year Reviews to determine if the selected remedy continues to protect the community and the environment. During this time, USACE will periodically send public awareness materials to local stakeholders and/or property owners and maintain the project website, a toll-free telephone number (800.710.5184), and email address (FUDS.Florida@usace.army.mil).

USACE emailed the local stakeholders and government officials on March 12, 2025 and mailed letters to the property owners within the two demonstration ranges on March 21, 2025.

## **4.0 PUBLIC INVOLVEMENT PROGRAM**

The overall goal of USACE’s public involvement program is to promote two-way communication between citizens and USACE and to provide opportunities for meaningful and active involvement by the community in the remedial action process. USACE implemented the community involvement activities described in Section 4.1 and will continue to maintain the project website.

### **4.1 THE PLAN**

Activity 1: Maintain a list of local stakeholders

- Objective: To facilitate the distribution of site-specific information
- Method: Compile and maintain a list of local government officials to share public awareness information
- Timing: USACE compiled a stakeholder list and will periodically review/revise it (at least every five years).

Activity 2: Maintain a list of property owners

- Objective: To facilitate the distribution of site-specific information
- Method: Contact the Orange County Property Appraiser’s office to obtain a list of property owners within the Demonstration Range
- Timing: USACE compiled a property owner list and will periodically review/revise it (at least every five years).

Activity 3: Prepare and distribute site fact sheets/public awareness materials and letters

- Objective: To provide citizens with current, accurate, easy-to-read, easy-to-understand information about the former Orlando Range and Chemical Yard and the Demonstration Range

- Method: Mail materials to property owners within the Demonstration Range and stakeholders
- Timing: USACE will mail fact sheets, letters and/or other materials periodically (approximately every five years) to identify property owners and stakeholders.

Activity 4: Provide a toll-free telephone number for the community to contact USACE

- Objective: To enable citizens to get the latest information available when they want it
- Method: Activate a toll-free number and include it on the website, in fact sheets, and newspaper notices
- Timing: The toll-free telephone line is currently operational (800.710.5184).

Activity 5: Maintain a FUDS email address

- Objective: To enable citizens a means of emailing USACE
- Method: Activate an email address and include it on the website, in fact sheets, and newspaper notices
- Timing: The email address is currently operational (FUDS.Florida@usace.army.mil).

Activity 6: Document calls and emails

- Objective: To measure effectiveness of the 3R public awareness program
- Method: Document telephone discussions with emails to the project team and upload all related emails (sent to FUDS.Florida@usace.army.mil as well as telephone conversation summaries) in FUDS Documents
- Timing: USACE will log calls/emails as they are received.

Activity 7: Provide Project Information on the Internet

- Objective: To provide site and project information
- Method: Post information on the project website
- Timing: Public awareness materials and project documents are on the website (www.saj.usace.army.mil/Pinecastle).

Activity 8: Interview Stakeholders

- Objective: To determine if the selected remedy remains protective of people and the environment
- Method: USACE will interview (or send questionnaires to) local stakeholders to determine their knowledge of the former Orlando Range and Chemical Yard and the Demonstration Range and if munitions have been reported
- Timing: USACE will conduct interviews or send questionnaires as part of the Five-Year Review

Activity 9: Conduct Site Visits

- Objective: To evaluate if conditions within the Demonstration Ranges have changed

- Method: USACE will visit the site and take photographs within the Demonstration Ranges
- Timing: USACE will visit the site as part of the Five-Year Review

Activity 10: Revise the Community Relations Plan

- Objective: To identify and address community needs, issues, or concerns regarding the site or the remedy that are not currently addressed in this Community Relations Plan
- Method: The revised plan will update the previous version.
- Timing: USACE revised the plan throughout the previous phases and will update it at least every five years during the current Long-Term Management phase.

*Table 3: Projected Schedule for Community Involvement Activities*

<b>Activity</b>	<b>Time Frame</b>
Designate a community involvement coordinator	Complete
Prepare and distribute site fact sheets	Every five years
Provide public awareness materials	Ongoing
Provide a toll-free number	Ongoing
Maintain a mailing list for the site	Ongoing
Maintain Administrative Record	Complete
Provide site and Formerly Used Defense Site information on the internet	Ongoing
Conduct special events	Complete
Hold public meetings	Complete
Solicit interest in a Restoration Advisory Board	Complete
Make informal visits to community	As needed
Solicit comments during a public comment period	Complete
Prepare and issue a Responsiveness Summary	Complete
Revise the Community Relations Plan	Ongoing



## 5.0 REFERENCES

- Gilbane Federal 2014. Final Site-Specific Final Report, Remedial Action at Demonstration Range (North) Munitions Response Site Former Pinecastle Jeep Range, Florida, 3 July 2014
- USACE 2012. Final Decision Document, Demonstration Range (North) MRS, Former Pinecastle Jeep Range, Orange County, Florida, 5 January 2012.
- USACE 2010. Revised Inventory Project Report for Property No. I04FL0405, Pinecastle Jeep Range, Orlando Florida, 13 October 2010
- Parsons, 2010. Proposed Plan, Former Pinecastle Jeep Range, Orange County, Florida, FUDS Project No. I04FL0405, July 2010.
- Parsons, 2010. Final Remedial Investigation, Pinecastle Jeep Range, Orange County Florida, June 2010.
- Parsons, 2010. Final Feasibility Report, Pinecastle Jeep Range, Orange County Florida, June 2010.
- USA Environmental 2009. Site Specific Final Report, Time Critical Removal Action at Former Pinecastle Jeep Range, Odyssey Middle School, Mockingbird Property, Tivoli, and Warwick Housing Areas, Orange County, Orlando Florida, March 2009
- Parsons, 2007. Final Site Inspection Report, Pinecastle Jeep Range, Orange County Florida, August 2007.
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- USACE, 1997. Archives Search Report, Findings, Pinecastle Jeep Range, Orlando, Florida, Orange County, Project No. I04FL040501, September 1997.
- USACE, 1994. Inventory Project Report, January 1994.
- U.S. Census Bureau, 2019-2023 American Community Survey 5-Year Estimates

## **APPENDIX A: COMMUNITY SURVEY**

### **Pinecastle Jeep Range Formerly Used Defense Site Demonstration Range North Five Year Review**

*The following questions are intended to determine if the remedy implemented at Demonstration Range East within the Former Pinecastle Jeep Range remains protective of human health, safety, and the environment. The implemented remedy called for explosive safety support during large projects involving excavation and a public education program for site workers. Please provide your answers and contact information in the space below. Focus your answers specifically on Demonstration Range East which includes Beltway Commerce Center and portions of the Orange County Solid Waste Management Facility.*

**Have you heard about Pinecastle Jeep Range before now?**

**Have you seen the factsheet or letters?**

**Have you found anything within the Demonstration Ranges that you think may be a munition?**

**What would you do if you were to find something you think could be related to the military's training?**

**In your opinion, what can we do to make the public more aware of the military training here?**

**Are there locations where public awareness information should be made available to residents or local officials (i.e. county offices, law enforcement, fire department)?**

**Pinecastle Jeep Range Formerly Used Defense Site  
Demonstration Range East  
Five Year Review**

*The following questions are intended to determine if the remedy implemented at Demonstration Range East within the Former Pinecastle Jeep Range remains protective of human health, safety, and the environment. The implemented remedy called for explosive safety support during large projects involving excavation and a public education program for site workers. Please provide your answers and contact information in the space below. Focus your answers specifically on Demonstration Range East which includes Beltway Commerce Center and portions of the Orange County Solid Waste Management Facility.*

**Have there been any changes in the current and/or future land use and will those changes, if any, influence the selected response actions or controls?**

**Are you aware of any planned construction activities within the boundaries of the Test Areas Munitions Response Site?**

**Are you aware of anyone finding munitions or munitions debris since completion of the Remedial Investigation/Feasibility Study (2016)?**

**Do you feel the response action (public awareness) has been effective?**

**Have there been land ownership changes or transfers that impact the protectiveness of the remedy?**

**Are the responsibilities for implementing the local initiatives clearly defined, and do you understand your role?**

**Are you providing information to your staff/contractors?**

**Are the public awareness fact sheets available at kiosks or other appropriate locations such as visitor centers?**

## APPENDIX B: MEDIA CONTACTS

Media Outlet	Media Type	Phone	Mail
Central Florida News 13	Television	(407) 513-1300	20 N. Orange Avenue, Suite 13 Orlando, FL 32801
El Sentinel Orlando	Newspaper	(407) 420-5121	
Orlando Sentinel	Newspaper	(407) 420-5000	633 N. Orange Avenue, Orlando, FL 32801
Orlando Times	Newspaper	(407) 814-3025	4403 Vineland Road, Suite B5 Orlando, FL 32811
WESH TV 2 (NBC)	Television	(407) 645-2222	1021 N. Wymore Road Winter Park, FL 32789
WFTV TV 9 (ABC)	Television	(407) 841-9000	490 East South Street Orlando, FL 32801
WKMG TV 6 (CBS)	Television	(407) 291-6000	4466 N. John Young Parkway Orlando, FL 32804
WMFE TV 24 (PBS)	Television	(407) 273-2300	11510 East Colonial Drive Orlando, FL 32817
WOFL TV 35 (Fox)	Television	(407) 644-3535	35 Skyline Drive Lake Mary, FL 32746
WRBW TV 65 (MyTV)	Television	(407) 942-1765	35 Skyline Drive Lake Mary, FL 32746

## **APPENDIX C: POTENTIAL MEETING LOCATIONS**

SpringHill Suites  
5828 Hazeltine National Drive  
Orlando, FL 32822  
(407) 816-5533

Cypress Creek High School  
1101 Bear Crossing Drive  
Orlando, FL 32824  
(407) 852-3400

Lake Nona High School  
12500 Narcoossee Road  
Orlando, FL 32832  
(407) 956-8300

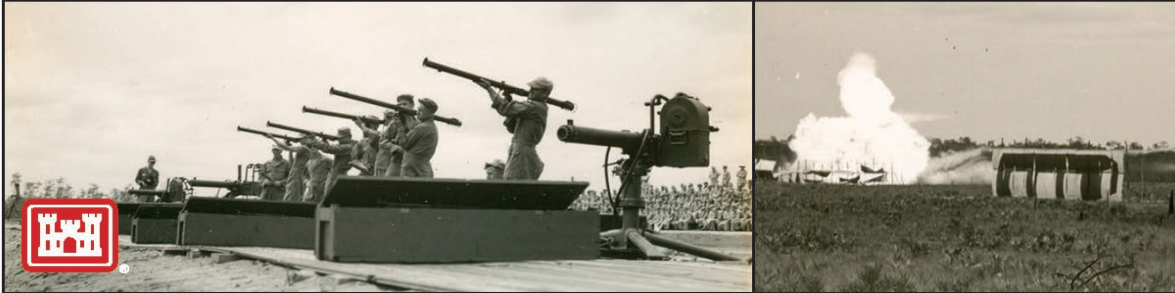
South Creek Middle School  
3801 Wetherbee Road  
Orlando, FL 32824  
(407) 251-2413



## APPENDIX D: PUBLIC INVOLVEMENT TOOLS

### FORMERLY USED DEFENSE SITES | Pinecastle Jeep Range

#### Decision Documents and Remedial Action



APRIL 2020

#### SITE HISTORY

The U.S. Army Corps of Engineers (Corps) manages the environmental restoration of Formerly Used Defense Sites such as Pinecastle Jeep Range. Pinecastle Jeep Range was a 12,483-acre site near Orlando International Airport. Between 1943 and 1946, the government leased the land for training and military demonstrations of weapons and warfare capabilities. In the late 1940s, when the military no longer needed the property, it was returned to the original property owners.

#### ENVIRONMENTAL INVESTIGATIONS

The Corps is required to follow the Comprehensive Environmental Response, Compensation, and Liability Act process. This specifies a process of sequential steps and studies to be completed on sites that may be contaminated. During the Site Inspection step of the process, munitions were found on top of the ground on undeveloped land, known as the Mockingbird property. This discovery led the Corps to initiate a Time Critical Removal Action in August 2007 for Odyssey Middle School, Tivoli Gardens, part of Warwick and a portion of Mockingbird closest to the school and residential areas.

The Corps completed a Remedial Investigation/Feasibility Study of the entire former Pinecastle Jeep Range in 2010. The purpose was to determine where and what type of military-related materials were present. During the investigation, crews searched for munitions and collected soil and water samples. They dug up over 51,000 objects and collected almost 200 environmental samples. Over 800 of the metallic items were debris related to munitions (such as casings and fragments), but only 24 were actual munitions. The remaining objects were nails, fencing and the like. The munitions and munitions debris were found primarily on undeveloped land and none were found in residential lots. No munitions or pieces of munitions were found north of Lee Vista Boulevard nor was any environmental contamination identified in any of the residential areas. The Remedial Investigation/Feasibility Study provided the necessary information to develop the most appropriate alternatives for future action. These alternatives were included in the Proposed Plan that was presented to the public for comment.

#### RECOMMENDATIONS

The site was divided into four Munitions Response Sites based on what was found during the Remedial Investigation. The Munitions Response Sites are: Demonstration Range North, Demonstration Range South, Demonstration Range East and Remaining Area. The demonstration ranges are south of Lee Vista Boulevard, north of Beachline Expressway, and from the western boundary of the property east to the Orange County landfill. Demonstration Range South is a portion of the undeveloped property known as Mockingbird. Demonstration Range East includes Beltway Commerce Center and a portion of the landfill property. Demonstration Range North is south of Lee Vista Boulevard and includes Odyssey Middle School, Tivoli Gardens and Lee Vista Square. All the residential neighborhoods except those in Demonstration Range North are in the Remaining Area. The Decision Documents, which officially accepts and implements the alternatives presented in the Proposed Plan (and described below) have been signed, and the Corps has completed the remedial action specified for all the areas except Demonstration Range South.

#### Demonstration Range North

The Corps has completed removal actions in all accessible areas within Demonstration Range North where the property owners signed a right-of-entry form allowing access to their property. The Corps also collected soil samples, but no metals or explosives associated with munitions were found above the limits deemed safe by the Florida Department of Environmental Protection. The Corps recommends that a trained ordnance safety technician be present during construction activities in this area; this is known as safety support.





## Pinecastle Jeep Range



1940S BAZOOKAS AND FLAME THROWER IN ACTION

Pinecastle Jeep Range was a 12,483-acre site near Orlando International Airport. Between 1943 and 1946, the government leased the land for training and military demonstrations of weapons and warfare capabilities. In the late 1940s, when the military no longer needed the property, it was returned to the original property owners.

The U.S. Army Corps of Engineers (USACE) conducted a thorough investigation of the former Pinecastle Jeep Range and searched for and removed munitions from Odyssey Middle School, Tivoli Gardens, and Lee Vista Square (an area known as Munitions Response Site Demonstration Range North).

The other Munitions Response Sites are Demonstration Range South, Demonstration Range East, and Remaining Area. The demonstration ranges are south of Lee Vista Boulevard, north of Beachline Expressway, and from the western boundary of the property east to the Orange County landfill. All the residential neighborhoods except those in Demonstration Range North are in the Remaining Area. Since no munitions were found in the Remaining Area, no further action is required. (Please see the Decision Document and Remedial Action fact sheet for more information.)

While the potential of finding munitions is low, always use caution in areas where the military has trained. Remember and follow the 3Rs of Explosives Safety: Recognize, Retreat, Report.



### Contact Information

Toll-Free 1-800-710-5184  
[FUDS.FLORIDA@usace.army.mil](mailto:FUDS.FLORIDA@usace.army.mil)

### Useful Links

[Formerly Used Defense Sites \(FUDS\)](#)  
[Formerly Used Defense Sites Program Summary](#)  
- October 2019  
[3Rs of Explosives Safety Education Program](#)

## APPENDIX E: STAKEHOLDERS LIST

### United States Army Corps of Engineers

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### County, City, and Other Local Stakeholders

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