



DoD Action Plan for Mosquito Control at Craney Island



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of Engineers** ®
Norfolk District





Craney Island Mosquito Control



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- The public health and quality of life of the Portsmouth Community is our top priority.
 - We are and will continue to closely coordinate with Portsmouth to ensure our mosquito control actions are effective and safe.
 - We have a short and long term action plan for mosquito control.



Public Health



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- It is DoD Policy to “establish and maintain...pest management programs to prevent and control pests and disease vectors that may adversely impact readiness or military operations by affecting the health of personnel...”
 - Includes protecting the public from risk of death, injury, illness, or property damage as a result of DoD activities



Quality of Life



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– Quality of Life Issue

- Understand proximity to schools, neighborhoods, and parks
- Desire to be “Good Neighbor” to community
- We are stewards of the environment and take this responsibility seriously. Many threatened and endangered species inhabit Craney Island.



Joint Action Plan



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- Habitat Control
 - Remove Water
 - Grounds Maintenance



Pontoon Excavator



Swamp Ditcher



Joint Action Plan



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– Larvae Control

- Chemically treat standing water
- Use mosquito eating fish and larvicide



Photo by Delgado Saez



Joint Action Plan



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– Adult Control

- Aerial sprays to control adult population, conducted by both the U.S. Air Force Reserve and a contractor.

An aerial photograph of the Youngstown Air Force Reserve Base, showing various buildings, runways, and surrounding greenery.

**U.S. Air Force Reserve
from Youngstown, OH**

A photograph of a small, single-engine aircraft flying in a clear sky.

Local Contractor



Long Term Plan



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– Surveillance

- Traps for adult mosquito counts
- Periodic larva checks
- Use mapping system for tracking mosquito data

– Larvae Treatment

- Continue use of chemical larvicide
- Restock mosquito fish

– Adult Spraying

- Continue Air Force aerial sprayings
- Contract multiple aerial applications per season

– Habitat Control

- Dewatering
- Grounds Maintenance

– Increased Partnership

- Shared contracts and expertise



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2004 Mosquito Control Actions



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- Air Force Sprayings: Sept. 2 and Oct. 6
 - Contract Sprayings by Kritter Crop Dusting: Aug. 11 and 19, Sept. 25 and Oct. 3
 - City application of Methoprene outside the dikes: Aug. 20
 - Contract application of Methoprene outside the dikes by Angel Systems: Sept. 23
 - Stocking of Mosquito Fish: Sept. 13



Questions or Comments?



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www.nao.usace.army.mil/mosquitoes/