



## PROPOSED PLAN OF REMEDIAL ACTION

Owens Station OU-1 Site  
Greenwood, Delaware  
DNREC Project No. DE-1350



November 2013

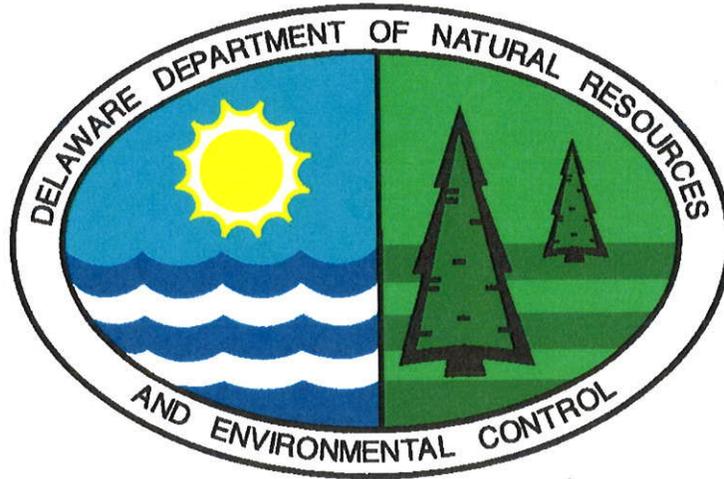
Delaware Department of Natural Resources and Environmental Control  
Division of Waste and Hazardous Substances  
Site Investigation & Restoration Section  
391 Lukens Drive  
New Castle, Delaware 19720

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**Approval:**

This Proposed Plan meets the requirements of the Hazardous Substance Cleanup Act.

Approved by:

Timothy Rausep, Environmental Program Administrator Site Investigation & Restoration Section
10/30/13
Date

## Owens Station Site OU-1 DE-1350



### **What is the Proposed Plan of Remedial Action?**

The Proposed Plan of Remedial Action (Proposed Plan) summarizes the clean-up (remedial) actions that are being proposed to address contamination found at the Site for public comment. A legal notice is published in the newspaper for a 20-day comment period. DNREC considers and addresses all public comments received and publishes a Final Plan of Remedial Action (Final Plan) for the Site.

### **What is the Owens Station Site OU-1?**

The Owens Station Site is located at 12613 Hunters Cove Road in Greenwood, Delaware. The entire Site consists of one tax parcel (430-9.00-19.00) and is approximately 105 acres (Figure 1). Operating Unit one (OU-1) consist of approximately 23 acres of the total 105 acres. The nearest intersection to the Site is Owens Road and Hunters Cover Road. OU-1 is a residential area.

### **What happened at the Owens Station Site OU-1?**

OU-1 contains one private residence, bird coops, dog kennels, several out buildings and small agriculture fields to grow Coastal panic grass for duck hunting. OU-1 is not part of the active shooting range, which is designated OU-2. A separate Proposed Plan is being published for OU-2.

### **What is the environmental problem at the Owens Station Site OU-1?**

A Preliminary Assessment (PA) conducted in 2005 identified that soil was suspected to be contaminated with lead from buck shot used in the shooting activities. A Remedial Investigation (RI) was performed in November 2012 to investigate the full extent of the lead contamination. The RI identified the interior of the shooting range as being impacted with lead in the surface soil. However, surface soil samples collected on OU-1 indicated that the area was unaffected by the shooting range activates or impacted with lead. No groundwater contamination was detected in OU-1.

### **What clean-up actions have been taken at the Owens Station Site OU-1?**

No clean-up actions have been taken on OU-1 because contamination was not detected.

### **What does the owner want to do at the Owens Station Site OU-1?**

OU-1 will remain a residential area.

### **What additional clean-up actions are needed at the Owens Station Site?**

DNREC proposes no further action because contamination was not detected above DNREC-SIRS clean-up standards. A No Further Action Certificate of Completion of Remedy (COCR) can be issued

### **What are the long term plans for the Site after the cleanup?**

The OU-1 is suitable for unrestricted use.

### **How can I find additional information or comment on the Proposed Plan?**

The complete file on the Site including the Remedial Investigation Report and the various reports are available at the DNREC office, 391 Lukens Drive in New Castle, 19720. Most documents are also found on: <http://www.nav.dnrec.delaware.gov/DEN3/>

The 20-day public comment period begins on November 3, 2013 and ends at close of business (4:30 pm) on November 25, 2013. Please send written comments to the DNREC office at 391 Lukens Drive, New Castle, DE 19720 to Krystal A. Stanley, Project Officer or Robert Newsome, Public Information Officer.

Figure 1: Site Location Map

Figure 2: Operating Units

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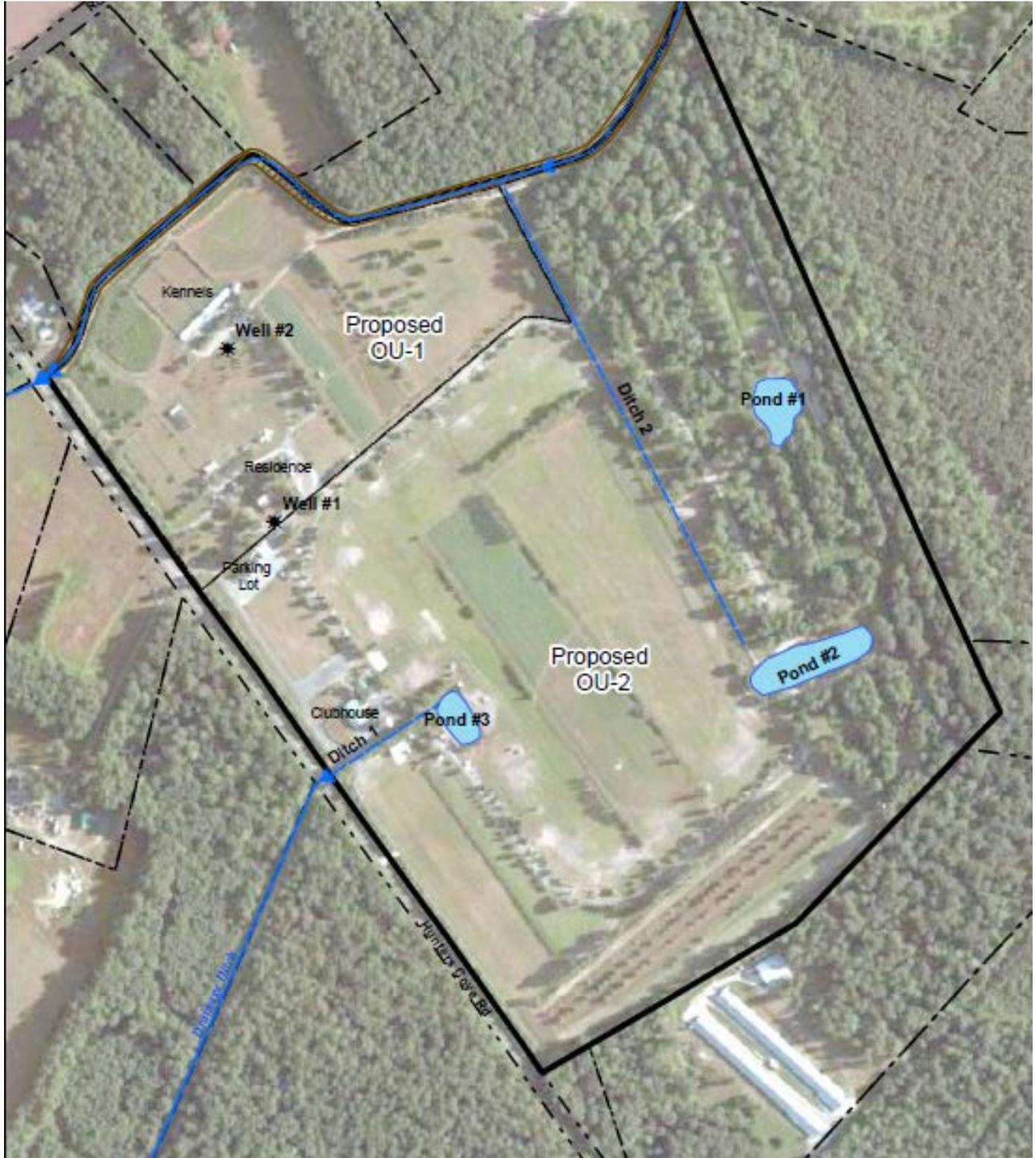


Figure 2 - Operating Units

## Glossary of Terms Used in this Proposed Plan

<b>Certification of Completion of Remedy (COCR)</b>	A formal determination by the Secretary of DNREC that remedial activities required by the Final Plan of Remedial Action have been completed.
<b>Contaminant of Concern (COC)</b>	Potentially harmful substances at concentrations above acceptable levels.
<b>Final Plan of Remedial Action</b>	DNREC's adopted plan for cleaning up a hazardous site.
<b>Hazardous Substance Cleanup Act (HSCA)</b>	Delaware Code Title 7, Chapter 91. The law that enables DNREC to identify parties responsible for hazardous substances releases and requires cleanup with oversight of the Department.
<b>Preliminary Risk Assessment</b>	A quantitative evaluation of only the most obvious and likely risks at a site
<b>Unrestricted Use</b>	Residential setting
<b>SIRS</b>	Site Investigation Restoration Section of DNREC, which oversees cleanup of sites that were contaminated as a result of past use, from dry cleaners to chemical companies
<b>US EPA</b>	United States Environmental Protection Agency