

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Peacock Pesticides - Removal Polrep
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #1
Initial
Peacock Pesticides
B499
Cleveland, MS
Latitude: 33.7330750 Longitude: -90.6397500

To:
From: Matthew J. Huyser, OSC
Date: 6/4/2010
Reporting Period: 03JUN10 to 04JUN10

1. Introduction

1.1 Background

Site Number:	B499	Contract Number:	TTEMI-05-001-0128
D.O. Number:		Action Memo Date:	
Response Authority:	CERCLA	Response Type:	Emergency
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	6/3/2010	Start Date:	6/4/2010
Demob Date:		Completion Date:	
CERCLIS ID:	MSN000410561	RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Emergency Response

1.1.2 Site Description

The site is a semi-rural residence where a barren spot believed, to be the location of a previous agricultural chemical storage shed, sits approximately 80ft from the home. The property was previously a 200 acre cotton farm and the barren spot sat under a barn and shed structure.

1.1.2.1 Location

122 Highway 8, Cleveland, Sunflower County, Mississippi

1.1.2.2 Description of Threat

The site is a semi-rural residence where a barren spot believed, to be the location of a previous agricultural chemical storage shed, sits approximately 80ft from the home. The resident complains of reoccurring rashes after attempting to work on the soil in the barren spot. The shed stored various chemicals including: Treflan, Methyl Parathion, DDT, and Sancore.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

A composite surface soil sample (0-12" bgs) was collected from the impacted area, and a sediment sample was collected from the nearest runoff ditch approximately 100ft on the eastern property boundary. The samples will be analyzed for, among other things, pesticides, herbicides, and organo-phosphates.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

OSC Huyser met with MSDEQ and START in Cleveland, MS and mobilized to the site. An interview was conducted with the resident to accumulate background information on the property, its previous use, its current use, and reported impacts. The property was previously a 200 acre cotton farm that operated for 20-30 years; the barren spot sits under the previous location of a barn and shed structure. The shed stored various chemicals including: Treflan, Methyl Parathion, DDT, and Sancore. The barn and shed were demolished

approximately 10 years ago. The shed which contained the chemicals was constructed alongside the main barn building, and chemicals were stored on the ground level. Mixing and diluting of chemicals occurred outside in various locations of the yard.

The homeowner reports that the property was inherited from his father and his brother (who is also deceased) operated the farm. No vegetation has ever grown on the spot from where the shed was removed. The homeowner experiences rashes and irritation after working on the land in the building footprint. There are no children living on the property, but the homeowner's grandchildren come to visit frequently.

The groundwater well servicing the house has been closed and the residence, as well as the neighboring residences, has been serviced by municipal water for approximately 10-15 years. There is a runoff ditch behind the residence that flows along the property line from west to east; visual observations of the drainage ditch contents and overland flow patterns indicate that the septic system from the neighboring residence.

2.1.2 Response Actions to Date - On 03JUN10 OSC Huyser and START mobilized to the site to evaluate.

A composite surface soil sample (0-12" bgs) was collected from the impacted area, and a sediment sample was collected from the nearest runoff ditch approximately 100ft on the eastern property boundary. The samples will be analyzed for, among other things, pesticides, herbicides, and organo-phosphates. Prior to demobilization, plastic sheeting was staked to the ground surface on the bare spot to prevent dust migration and direct contact. Further response actions will be determined after receipt of sample analysis results.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

The homeowner was notified of his potential liability, was issued a notice of federal interest letter, and signed an access agreement.

2.1.4 Progress Metrics

N/A

2.2 Planning Section

2.2.1 Anticipated Activities

Samples collected from the impacted area will be analyzed for, among other things, pesticides, herbicides, and organo-phosphates. The need for further response actions, such as site stabilization or cleanup (excavation), will be determined after receipt of sample analysis results.

2.2.1.1 Planned Response Activities

- a. Document site conditions via logbook, digital images, diagrams etc; (COMPLETE)
- b. Perform air monitoring as necessary; (COMPLETE)
- c. Collect samples for analysis, laboratory procurement may be necessary; (COMPLETE)
- d. Perform site stabilization or cleanup activities based on sample results. (INTERIM)

2.2.1.2 Next Steps

Further response actions will be determined after receipt of sample analysis results.

2.2.2 Issues

Prior to demobilization, plastic sheeting was staked to the ground surface on the bare spot to prevent dust migration and direct contact.

2.3 Logistics Section

N/A

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

N/A

2.6 Liaison Officer

N/A

2.7 Information Officer

N/A

2.7.1 Public Information Officer

N/A

2.7.2 Community Involvement Coordinator

N/A

3. Participating Entities

3.1 Unified Command

N/A

3.2 Cooperating Agencies

EPA

MSDEQ

4. Personnel On Site

EPA (1)

MSDEQ (1)

START (1)

5. Definition of Terms

N/A

6. Additional sources of information

6.1 Internet location of additional information/report

N/A

6.2 Reporting Schedule

N/A

7. Situational Reference Materials

N/A