U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
North Little Rock Auto Salvage - Removal Polrep
Final Removal Polrep

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region VI

Subject: **POLREP #5**
Conley Park- FINAL POLREP
North Little Rock Auto Salvage
A6R3
North Little Rock, AR
Latitude: 34.7585005 Longitude: -92.2262171

To:
From: Mike McAteer, OSC
Date: 3/12/2012
Reporting Period:

1. Introduction

1.1 Background

Site Number:	A6R3	**Contract Number:**	
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:	2/17/2012	**Start Date:**	2/18/2012
Demob Date:	2/24/2012	**Completion Date:**	2/24/2012
CERCLIS ID:	ARN000607042	**RCRIS ID:**	
ERNS No.:		**State Notification:**	
FPN#:		**Reimbursable Account #:**	

1.1.1 Incident Category

Emergency Removal Action

1.1.2 Site Description

The North Little Rock Auto Salvage site is located at 600 Dixie Street in North Little Rock, Arkansas.This site was a former vermiculite exfoliation facility which operated from 1966 to1986. This Site was assessed in 2011, as part of an Agency-wide initiative to investigate current and former vermiculite facilities that received vermiculite ore from the W.R. Grace vermiculite mine in Libby, Montana. Included in this assessment was the sampling of soil in Conley Park in July of 2011.

1.1.2.1 Location

The triangular shaped park is located north of Sam Evans Dr, and is bordered on the east by "C" Street and on the west by Douglas Avenue in North Little Rock, Pulaski County, Arkansas

1.1.2.2 Description of Threat

Polarized Light Microscopy (PLM) identification of a soil sample collected at 1 to 6 inches bgs in Grid AK-015 of Conley Park indicated the presence of amphibole asbestos structures at 2% concentration. Grid AK-015 was approximately 50' by 50' in size; and was located in a portion of the baseball playing field and in the non-playing portion of the field.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

During the Removal Assessment, soil samples collected at 0 to 1 inch below ground surface (bgs) and 1 to 6 inches bgs were collected from the site and at various commercial and residential properties located in the vicinity of the former Grace vermiculite exfoliation facility. One of the areas sampled was Area K - Conely Park, located approximately 0.18 miles northwest of the former exfoliation facility. Conley Park is approximately 6.2 acres in size. The park contains an all grass softball field, playground equipment, a

Pavillion, a basketball court with an asphaltic playing surface, and Sanitation Facilities. The Dixie Community Neigborhood, approximately 108 acres in size is located east of Conely Park. There are approximately 250 single family homes located in the Dixie neighborhood.

2.1.2 Response Actions to Date

On Febraury 17,2012, OSC McAteer,and the ERRS and START contractors mobilized to the the site to begin the excavation and transportation and disposal (T&D) activities of the Libby asbestos contaminated soil identified in Grid AK-015. By close of business (COB) on February 17, the ERRS contractor had procurred the necessary heavy equipment to excavate and load the contaminated soil for transport to the Two Pines Waste Management Landfill located in North Little Rock, AR. The START-3 contractor mobilized to the site and collected a backfill soil sample for chemical analysis. The backfill soil sample will be shipped to a procurred laboratory for Target Compound List (TCL) volatile organic compounds (VOCs), Semivolatile Organic Compounds (SVOCs), pesticides, herbicides, polychlorinated biphenyls (PCBs), Target Analyte List (TAL) total metals, mercury, and cyanides, and asbestos.

On February 18, 2012, the ERRS contractor began soil excavation activities in Grid AK-015. The excavated soil was stockpiled and covered with visqueen, as there were no T&D activities conducted. During soil excavation, ERRS conducted dust suppression activities with the use of a water truck and water hose. Due to the moisture content of the soil, as a result of recent heavy rainfall events, the ground in the park is saturated which caused some of the heavy equipment to sink into the soft earth. As a result, excavation activities were halted at the park until ERRS can construct a temporary roadway from Douglas Avenue to the excavation area using construction mats. Construction mats were procured; however, they were needed first at the emergency response at the nearby Redwood Early Childhood Center Asbestos removal site. Once the reponse is completed at the school, the construction mats will be moved to the NLR-Conley Park site to complete the excavation and T&D activities. On February 18, 2012, START-3 conducted air monitoring with a personal dataRAMs (pDRs). There were no exceedances detected during the air monitoring activities. START-3 also collected air samples from two locations along the perimeter of the excavation area with the use of rotary vane air pumps and sampling train consisting of a 0.8 micron MCE sample cassette. The air samples were analyzed for fibers by NIOSH 7400 methodology.

On February 20-21, 2012, the ERRS contractor began to move the temporary construction mats and heavy equipment from the Redwood Early Childhood Asbestos removal site to the NLR-Conley Park site in anticipation of continuing removal activities. The temporary road from Douglas Avenue to the Excavation and Loading Area was constructed.

On February 22, 2012, the ERRS contractor continued and finished the excavation and loading of asbestos-contaminated soil from Grid 015. Dust suppresion was conducted during the soil disturbing activities. Fourteen (14) disposal trucks with a capacity of 15 cubic yards each, transported approximately 210 cubic yards of excavated soil to the Two Pines Waste Landfill located in North Little Rock, AR. During all dirt disturbing activities, START conducted air monitoring with personal DataRAMs (pDRs). There were no exceedances detected during the air monitoring activities. and air sampling with rotary vane air sample pumps and sampling trains (0.8 micron MCE sample cassettes) at four (4) locations along the perimeter of the excavation and loading area.The air samples were analyzed for fiber determination by NIOSH 7400 methodology.

On February 23, 2012, prior to the initiation of site restoration activities, START collected one, five point composite, soil confirmation sample from the excavated grid. The sample was shipped to the procured laboratory for asbestos identification and quantifiacation using Polarized Light Micrscopy (PLM) and Tramsmission Electron Microscopy (TEM) methodologies. The ERRS contractor loaded one (1) disposal truck with the "used visqueen" for tranport to the Two Pines Waste Management Landfill. ERRS recieved 15 truck loads (225 cubic yards) of backfill soil from Top Quality Soils located in North Little Rock, AR, which was placed into the excavated grid, compacted, contoured, and sodded with grass. the temporary metal fencing used as a minor containment device since Novemebr 11, 2011 was dismantled and returned to the vendor. ERRS began to dismantle the construction mats that made up the temporary road from Douglas Avenue to the excavation and loading area.

On February 24, 2012, the ERRS contractor continued and finished the dismantling of the temporary road, backfilled, contoured, and sodded the damaged areas where the temporary road had been constructed. Once the sod was place, both in the excavated grid and damaged areas, ERRS began to compact and smooth the backfilled grid and damaged areas with the use of a Utility Terrain Vehicle ("Mule") and a roller filled with water. Once all restoration activities were completed, the EPA\ERRS\STAR team demobilized from the site.

2.2 Planning Section

2.2.1 Anticipated Activities

Due to the moisture content of the backfill soil, the ERRS contractor may need to re-mobilize to the site in order to compact and smooth out the backfilled soil and sod placed in the excavated grid and damaged areas used for the temporary road, The date scheduled for these activities has not yet been determined.

.1.1.1 Next Steps

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

2.6 Liaison Officer

2.7 Information Officer

2.7.1 Public Information Officer

2.7.2 Community Involvement Coordinator

3. Participating Entities

3.1 Unified Command

3.2 Cooperating Agencies

Arkansas Department of Environmental Quality (ADEQ)
Arkansas Department of Emergency Management (ADEM)
Arkansas Department of Health (ADH)

4. Personnel On Site

No information available at this time.

5. Definition of Terms

No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.