

OKLAHOMA REFINING COMPANY

Superfund Site Site Update CYRIL, OKLAHOMA

May 15, 2007

THIS SITE UPDATE WILL TELL YOU ABOUT:

Current and Upcoming Site Work

The History and Background of Oklahoma Refining Company

How to find out more about the site

Introduction

The Oklahoma Department of Environmental Quality (DEQ) and the U.S. Environmental Protection Agency (EPA) are working to address contamination at the Oklahoma Refining Company Superfund site in Cyril, Oklahoma. This is one in a series of site updates you will receive from DEQ and EPA as cleanup efforts progress.

What's Happening Now?

A public meeting is scheduled for June 7, 2007, from 6 to 7 pm at the Cyril City Hall to update the community on what has been happening at the site and provide information on upcoming work.

Each spring and fall over the past several years the DEQ has been monitoring surface water and sediments in Gladys Creek and the groundwater in and around the site. Off-site wells were sampled to see if the contaminants in the groundwater are contained on-site. Wells on the site were sampled to see if the contaminants are degrading on their own.

Over this same period, every three months, DEQ monitored wells to gauge the thickness of the light non-aqueous phase liquid (LNAPL or oil) plume on-site. A well survey conducted in November 2006 found LNAPL in an off-site well northwest of the

site. DEQ and EPA are concerned that the oil may be migrating off the site toward nearby homes. DEQ and EPA will install wells to gain understanding of whether the oil plume is moving, and if so, where it is.

The ORC process areas on north side was added to the Superfund site in 2002 and the soils have not yet been investigated. The groundwater remediation has been postponed until the north soils are investigated and remediated. DEQ and EPA are currently in the planning process of the next steps to perform an investigation and determine clean-up options for the north side soils and ground water.

Map of Proposed Off-site LNAPL Delineation Well Locations at the ORC Superfund Site



Legend
 Proposed Wells
 Wells With LNAPL
 Wells Without LNAPL
 ORC Site Boundary

275 137.5 0 275 Feet

Map Created 3/14/07

Upcoming work will include:

- Four new wells will be installed to define the extent of the oil plume in the northwest corner of the site
- Soil and groundwater investigations will occur on the north part of the site
- Clean up options will be evaluated based on the new information gained from these investigations
- Update meetings will be held as work progresses to keep the community informed



North side before demolition

Site History & Background

The Oklahoma Refining Company (ORC) is a 220-acre abandoned former petroleum refinery located on the eastern edge of Cyril, Caddo County, Oklahoma. ORC operated for approximately 60 years. The site is divided roughly north and south (ORC north and ORC south). ORC south was abandoned during a bankruptcy proceeding in 1986 and ORC north remained active.

ORC south was placed on the National Priorities List in 1988. EPA performed a Removal Action in 1990 and the DEQ investigated the nature and extent of the contamination and determined the clean-up options in 1991. The Record of Decision stating the clean-up option was published in 1992 and remediation of the source was completed in 2001. The groundwater portion of the remedy was postponed until the source removal on ORC north is addressed.

In 2002, ORC north was placed under Superfund authority. The refinery structures deteriorated over the years and prompted an EPA removal action in 2003. Old drums, laboratory chemicals, asbestos, tanks, and refinery structures were removed.

North side after demolition



Cat cracker after demolition



For More Information

Involving members of the community in the decision-making process is an important part of the Superfund program. The following information resources can help residents receive answers to their questions about cleanup activities at the ORC site.

Please contact the following DEQ or EPA personnel if you have questions about the Oklahoma Refining Company site.

Meghan Lloyd **Project Manager**

Oklahoma Department of Environmental Quality
707 N. Robinson, PO Box 1677
Oklahoma City, Oklahoma 73101-1677
(405) 702-5135
Meghan.Llyod@deq.state.ok.us

Skylar McElhaney **Informational Representative**

Oklahoma Department of Environmental Quality
707 N. Robinson, PO Box 1677
Oklahoma City, Oklahoma 73101-1677
(405) 702-7167

Mike Hebert **Remedial Project Manager**

U.S. EPA Region 6
1445 Ross Avenue
Dallas, Texas 75202-2733
(214) 665-8315



Sampling groundwater on-site



Sampling Gladys Creek surface water and sediment

The Administrative Record file for the Oklahoma Refining Company site is available for public review at these locations:

Cyril City Hall

112 W. Main
Cyril, OK 73029
(580) 223-8290

Oklahoma Department of Environmental Quality

707 N. Robinson – 6th Floor
Oklahoma City, Oklahoma 73102
(405) 702-6145
Mon. through Fri. 8:00 am – 4:30 pm

U.S. EPA Region 6

7th Floor Library
1445 Ross Avenue, Suite 12D13
Dallas, Texas 75202-2733
(214) 665-2792 or 1-800-533-3508 (Toll Free)
Mon. through Fri. 7:30 am – 4:30 pm

On the Web...

Information is available on the **U.S. EPA Internet Homepage** at:

U.S. EPA Headquarters: www.epa.gov
U.S. EPA Region 6: www.epa.gov/region6/
U.S. EPA Region 6 Superfund Division:
www.epa.gov/region6/superfund

Information is also available on the **DEQ Internet Homepage** at: www.deq.state.ok.us

City _____ State _____ Zip _____

Address _____

Name _____

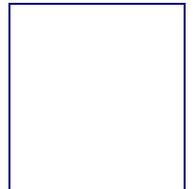
Oklahoma City, OK 73101-1677
PO Box 1677
Land Protection Division
Meghan Lloyd

If you would like to be placed on our mailing list to receive updates about the work going on at the Oklahoma Refining Company, please, fill out this form and mail to:

Information Mailing List

OKLAHOMA REFINING COMPANY

**Department of Environmental Quality
Land Protection Division
PO Box 1677
Oklahoma City, OK 73101**



**Mailing Address
Street Number and Name
City, State 98765-4321**

DEQ & EPA INVITE YOU TO ATTEND

**A Public Meeting for the
OKLAHOMA REFINING COMPANY**



**Thursday
6:00 to 7:00 PM**

June 7, 2007

**at the
Cyril City Hall**