

**Monthly Progress Report #36  
June 2007**

**Falcon Refinery Superfund Site  
Ingleside  
San Patricio County, Texas  
TXD 086 278 058**

**Prepared for**

**National Oil and Recovery Corporation  
3717 Bowne Street  
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**July 10, 2007**

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## **1.0 INTRODUCTION**

This thirty-sixth Monthly Progress Report is submitted in accordance with the Falcon Refinery Site Administrative Orders on Consent for Removal Action and Remedial Investigation / Feasibility Study between the U.S. Environmental Protection Agency (U.S. EPA) and National Oil and Recovery Corporation (NORCO).

This Monthly Progress Report and subsequent reports will address activities associated with both of the orders.

The next monthly progress report, covering July 2007 will be submitted on or before August 10, 2007.

## **2.0 COMPLETED ACTIVITIES**

### **2.1 Removal Action Activities**

During the month of June approximately 87,900 gallons of liquid waste were removed and properly disposed from Tank 27. To date a total of approximately 6,259,966 gallons of hazardous waste have been removed from all of the above ground tanks and disposed of at the Texas Molecular deep well injection well.

Prior to the beginning of liquid waste disposal in October 2004, the volume of waste in the above ground storage tanks was measured at 6,844,094 gallons. Subtracting the current disposal volume indicates that there may be 584,128 gallons remaining in the tanks. However, due to holes in the tops of the tanks the volume of waste may have increased due to rainfall or may have decreased due to evaporation.

Original waste manifests are available at the Kleinfelder office in Austin. A compilation of hazardous liquid waste disposal is included as Table 1.

During the month of June the Corpus Christi area experienced significant rainfall. A routine site inspection of the facility revealed that an oily substance was beginning to leak from the top of Tank 20 due to the rainfall. As a result the waste removal activities were moved from Tank 27 to Tank 20.

The leaked liquid from Tank 20, which contains approximately 210,000 gallons, coated the side of the tank but did not reach the ground surface. Inspection of the tank revealed that there was a slight amount (sheen) of oily waste on top of a clear liquid in the tank. Analysis of the liquid in the tank, performed at Texas Molecular revealed that the liquid was caustic and had a pH of 13.

Tank 20 will be completely drawn down and all waste will be deep well injected at Texas Molecular. When the tank is empty the hoses will be moved back to Tank 27 to resume waste disposal operations from that tank.

## **2.2 Remedial Investigation / Feasibility Study (RI/FS)**

The Final RI/FS Work Plan, Quality Assurance Project Plan, and Field Sampling Plan were submitted to the EPA and trustees on May 11, 2007.

## **3.0 CHANGES MADE IN THE PLANS DURING THE REPORTING PERIOD**

None this reporting period.

## **4.0 COMMUNITY RELATIONS**

The EPA has developed a web site to display information about the Removal Action and RI/FS activities. The can be found by going to [www.epaossc.net](http://www.epaossc.net) and selecting web sites, then Region 6 and then the Falcon Refinery Site.

A sign showing contact information and the website has been posted in front of the refinery.

## **5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD**

None this reporting period.

## **6.0 LIST OF PROJECTED WORK FOR THE NEXT TWO MONTHS**

### **6.1 Removal Action Work projected for the next two months includes:**

- Continuing the removal and disposal of liquids from the storage tanks and pipelines at the anticipated rate of approximately 150,000 gallons a month;
- Continued site maintenance; and
- Submitting a pipeline clean out report for the pipeline segment from Sunray Road to the former barge dock facility.

### **6.2 RI/FS Work projected for the next two months includes:**

- Implementing the RI/FS Work Plan, Field Sampling Plan and Quality Assurance Project Plan.

## **7.0 LABORATORY / MONITORING DATA**

A sample of the material in Tank 20 was tested for pH at Texas Molecular and the liquid had a pH of 13.

## TABLES

**Table 1**  
**Hazardous Liquid Waste Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr. Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

**RQ, HAZARDOUS WASTE LIQUID N.O.S., 9 , UN3082, III (D007, D008, D018)**

Month	Volume (gal)
October-04	53,832
November-04	734,763
December-04	879,158
January-05	783,881
February-05	551,444
March-05	565,489
April-05	445,107
May-05	471,311
December-05	42,550
January-06	58,740
February-06	59,140
March-06	0
April-06	29,371
May-06	59,018
June-06	97,151
July-06	118,743
August-06	148,509
September-06	109,908
October-06	86,665
November-06	140,498
December-06	85,813
January-07	118,541
February-07	107,985
March-07	152,493
April-07	121,588
May-07	150,368
June-07	87,900
<b>Total</b>	<b>6,259,966</b>

**Table 2**  
**Metal Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
Commercial Metal Company	4614 Agnes St Corpus Christi, TX	361-884-4071	None	David

**RECYCLED METAL**

Month	Volume (lbs)
October-04	0
November-04	16,820
December-04	19,640
January-05	31,380
February-05	0
<b>Total</b>	<b>67,840</b>

**FIRE EXTINGUISHERS**

Month	Quantity
December-04	10
<b>Total</b>	<b>10</b>

Industrial Fire & Safety Co. removed 10 fire extinguishers from the job site.  
The powder was disposed of properly and the metal went to salvage.

**Table 3**  
**Contaminated Soil and Oily Debris Disposal**

DISPOSAL FACILITY	ADDRESS	PHONE NO.	EPA ID NO.	CONTACT
U.S. Ecology Texas L.P.	P.O. Box 307 Robstown, TX	361-387-3518	TXD069452340	Glenda Felkner

**PETROLEUM CONTAMINATED SOIL AND OILY DEBRIS**

Month	Volume (cy)
October-04	0
November-04	0
December-04	40
January-05	0
February-05	0
<b>Total</b>	<b>40</b>

**RQ, HAZARDOUS WASTE SOLID, N.O.S., LEAD, 9 NA3077, PGIII (OILY SLUDGE AND SOIL)**

Month	Volume (cy)
February-05	15
<b>Total</b>	<b>15</b>

**Table 4**

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**Oil and Filter Disposal**

<b>DISPOSAL FACILITY</b>	<b>ADDRESS</b>	<b>PHONE NO.</b>	<b>EPA ID NO.</b>	<b>CONTACT</b>
Texas Molecular Corpus Christi Services, LP	6901 Greenwood Dr Corpus Christi, TX	361-852-8284	TXR000001016	Robert Rodriguez

**RECYLCED OIL AND FILTERS**

<b>Month</b>	<b>Volume (gal)</b>
January-05	403
February-05	0
<b>Total</b>	<b>403</b>

<b>DISPOSAL FACILITY</b>	<b>ADDRESS</b>	<b>PHONE NO.</b>	<b>EPA ID NO.</b>	<b>CONTACT</b>
Midstate Environmental Services, LLC	2203 Tower Road Robstown, TX	361-387-2171	TXR000051227	Lloyd Cooke

**RECYLCED OIL AND FILTERS**

<b>Month</b>	<b>Volume (gal)</b>
January-05	16,651
February-05	0
<b>Total</b>	<b>16,651</b>