

MOTIVA

ENTERPRISES LLC

Frank Wojcik/SERO
S05-0674

T77243

#1406

March 2, 2005

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Louisiana Department of Environmental Quality
ATTENTION: SURVEILLANCE DIVISION – SPOC
P. O. Box 4312
Baton Rouge, LA 70821-4312

**SUBJECT: UNAUTHORIZED DISCHARGE NOTIFICATION REPORT
MOTIVA ENTERPRISES LLC, NORCO REFINERY
NORCO, LOUISIANA
LPDES PERMIT NO. LA0003522
LDEQ REPORT NUMBER S05-0674
AGENCY INTEREST NO. 1406**

RECEIVED

MAR 4 2005

DEQ
Single Point of Contact

As required by LAC 33:IX.2701.M.3.b and Part III of the subject permit, Motiva Enterprises LLC is providing a written follow-up report to our verbal notification of 1220 hours on February 28, 2005 of an unauthorized discharge resulting from the unanticipated bypass of a portion of the refinery wastewater treatment facility. The details of the incident are as follows:

At 1815 hours on February 27, 2005, it was discovered that the sanitary sewer discharge line serving the Alkylation Unit Control Room had become plugged. This resulted in the overflow of sanitary sewage from the sewer clean-out hub. The sanitary sewage was routed to the refinery wastewater treatment system and subsequently discharged through LPDES Outfall 002 for the above referenced permit. The normal routing for the sanitary effluent is through a small sanitary sewage treatment plant prior to mixing with the main refinery effluent. The released sanitary sewage did not go through this plant. Therefore, we are reporting an unauthorized discharge as a result of the bypass of a portion of the treatment process for the released material.

Upon discovery of the overflow, maintenance personnel were immediately notified. Repairs to the line were completed and flow returned to normal on at 0900 hours on February 28, 2005. No exceedences of the permit limits are expected as a result of this incident. In addition, please be aware that, while a portion of the treatment system was bypassed, the material did receive treatment prior to discharge.

The material was routed directly to the refinery wastewater treatment system and received full treatment through this system prior to discharge. The refinery wastewater treatment system consists of the "SWIB" and the "Aeration Basin." The SWIB is a 23-acre impoundment where primary settlement and aeration occurs. There is a 7.5-hp floating brush aerator installed in each Inlet Bay to provide preliminary aeration and three 5-hp floating brush aerators located in the baffled section of the Northern SWIB. The Aeration Basin is a 12-acre impoundment where aggressive aeration occurs. The southern portion of the Aeration Basin contains ten 20-hp high-speed aerators that provide 200-hp of aeration capacity to facilitate biological treatment. The northern portion of the Aeration Basin contains two 10-hp high-speed aerators and one 5-hp floating brush aerator to further facilitate biological treatment. Motiva's wastewater ponds therefore provide simple but highly effective removal and inactivation of low-level contaminants

such as would have occurred as a result of this incident. The treatment mechanisms include biological (anaerobic, aerobic and facultative), physical (sedimentation, adsorption, filtration, hydraulic detention and sludge retention), environmental stress (changes in pH, oxygen concentration, nutrient depletion, mixing and predation) and photochemical disinfection (sunlight).

If you have any questions or require any additional assistance, please contact Mr. Oliver Boyd at (504) 465-6315.

Sincerely,



Paul F. Tupper
Acting-Environmental Manager

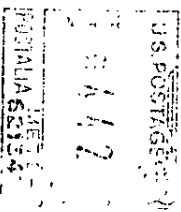
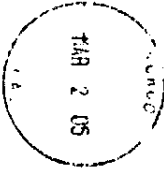
ORB/mae

cc: CERTIFIED MAIL - RETURN RECEIPT REQUESTED
Louisiana Department of Environmental Quality
Southeast Regional Office
201 Evans Road, Bldg. 4, Suite 420
New Orleans LA 70123-5320

CERTIFIED MAIL



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MOTIVA

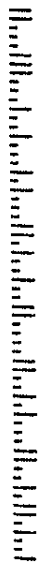
ENTERPRISES LLC
15536 River Road P.O. Box 10 Norco, LA 71

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Louisiana Department of Environmental Quality
Emergency Response and Enforcement
P. O. Box 4312
Baton Rouge, LA 70821-4312

ATTN: SURVEILLANCE DIVISION -S.P.O.C.
"UNAUTHORIZED DISCHARGE NOTIFICATION REPORT"

70821+4312 37



Incident Reporter

Received By: Cindy Lafosse
Received Date: FEB-28-05 12:23:00
Dispatch #: s05-0674
Reported By: Craig Matheme, Agency Interest Self Rept
Phone Desc: 504-915-9325
Reporter Title:
Org Desc: Motiva
Address:

Municipality:
State Code: LA
Zip Code:
Comments: faxed to SERO on 3/22/05 by LDEQ/ER SPOC

Incident Description

Incident Type: Release/Spill, Sewage
Incident Date: FEB-27-05 18:15:00
Parish: St. Charles
Municipality: Norco
Location: Motiva - 15536 River Rd. - Norco
Lat/Lon:

Basin/Segment:
Substance:
Media Impacted: Water
Incident Desc: s05-0674 Bypass of sewer treatment system...line plugged, causing water to overflow to effluent system. col

Incident Source

Source Name: Motiva Enterprises LLC - Norco Refinery
Address: 15536 River Rd
(a portion of)

Municipality: Norco
State: LA
Phone:
Parish: St. Charles
AI#: 1406

Related Permits: 0

Investigation Findings: Permittee reported that sewage was diverted from normal treatment (a package STP) to the refinery wastewater treatment system, due to a clogged pipe. The clogged pipe was repaired within 24 hrs and flow is back to normal. There were no excursions of permit, nor any off site discharge from this incident.

Incident Status

Lead Investigator: Frank Wojkowski *Fw*
Region: Southeast
Incident Status: Closed
As Of: *EB*