



Shell Chemicals

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Department of Public Safety and Corrections
Office of State Police
TESS – Right-to-Know Unit
P.O. Box 66614
Baton Rouge, LA 70896

Shell Chemical Company
Shell Chemical LP
Norco Plant
P.O. Box 10
Norco, LA 70079-0010
Tel +1 (504) 465 7220
Fax +1 (504) 465 6360

Internet <http://www.shell.com/chemicals>

305-3225

KAT T81957
SERO-Brandin

September 8, 2005

SUBJECT: PRELIMINARY FOLLOW-UP RELEASE REPORT: SEPTEMBER 5, 2005
STATE POLICE CASE # 05-06194
MOTIVA ENTERPRISES, LLC - NORCO REFINERY AI# 1406
SHELL CHEMICAL LP - NORCO CHEMICAL PLANT - EAST SITE AI# 26336
SHELL CHEMICAL LP - NORCO CHEMICAL PLANT - WEST SITE AI# 4384
SHELL CHEMICAL LP - NORCO CHEMICAL PLANT - ST. ROSE AI# 3462

Dear Sir/Madam:

In accordance with authorities listed below, Motiva Enterprises, LLC – Norco Refinery, Shell Chemical LP – East Site, West Site and St. Rose is providing a preliminary written follow-up report to our verbal notification on September 5, 2005 at 1530. This notification was made at the request of the Louisiana State Police. The State Police requested the site to provide daily updates on the recovery and start-up activities due to the emergency conditions resulting from Hurricane Katrina. Start-up activities will be monitored and proper reporting of any potential reportable emissions will be provided along with updates.

Authorities:

- LAC 33:V.10111
- LAC 33:I.3925.A
- CFR 355.40(b)3
- 40 CFR 355.40(b)(3)
- Title V Permit 2602-V1, General Condition XI, N, and R
- Title V Permit 2510-V1, General Condition XI, N, and R
- Title V Permit 2501-V0, General Condition XI, N, and R
- Title V Permit 2600-V0, General Condition XI, N, and R
- Title V Permit 2601-V0, General Condition XI, N, and R
- Title V Permit 2628-V1, General Condition XI, N, and R
- Title V Permit 2629-V1, General Condition XI, N, and R
- Title V Permit 2974-V1, General Condition XI, N, and R
- Title V Permit 2902-V0, General Condition XI, N, and R
- Title V Permit 2603-V0, General Condition XI, N, and R
- Title V Permit 2283-M6, General Condition XI, N, and R
- Title V Permit 2520-0028-V0, General Condition XI, N, and R
- Title V Permit 2889-V0, General Condition XI, N, and R

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SEP 13 2005

DEQ
Single Point of Contact

The start-up activities are a result of the shutdown due to an Act of God (Hurricane Katrina), and, as such, Motiva Enterprises and Shell Chemical assert that this event meets the qualifications for an Upset Provision as outlined in LAC 33:III.507J.

A final written follow-up report will be issued after site start-up activities have been completed.

If you have any questions regarding this matter, please call Ms. Chrystal Kain at (504) 465-7455 or Mr. G. M. Friloux at (504) 465-7443.

Yours sincerely,



Debra P. DeMuro
Manager HSSE/A
Shell Chemical LP



Soy Tir
Environmental Manager
Motiva Enterprises, LLC

GMF

cc: CERTIFIED MAIL - RETURN RECEIPT REQUESTED
UNAUTHORIZED DISCHARGE NOTIFICATION REPORT

Ms. Peggy Hatch, Administrator
Office of Environmental Compliance-Enforcement
Louisiana Department of Environmental Quality
P. O. Box 4312
Baton Rouge, LA 70821-4312

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
Louisiana Department of Environmental Quality
ATTENTION: SURVEILLANCE DIVISION-S.P.O.C.
"UNAUTHORIZED DISCHARGE NOTIFICATION REPORT"
P. O. Box 4312
Baton Rouge, LA 70821-4312

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
Mr. Tab Troxler
St. Charles Parish Emergency Planning Committee
P. O. Box 302
Hahnville, LA 70057

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
Mr. Phil Frazier, Environmental Scientist
Louisiana Department of Environmental Quality
201 Evans Road, Bldg. 4, Suite 420
New Orleans, LA 70123-5230

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
ERNS Coordinator (6E-EP)
U. S. Environmental Protection Agency, Region VI
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733



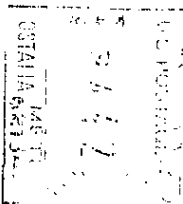
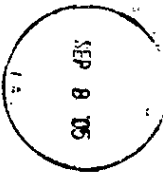
Shell Chemicals

Shell Chemical LP
15536 River Rd.
Norco, LA 70079

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7004 0550 0001 1384 4817



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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"



Shell Chemicals

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S05-3225
T81957
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OFFICE OF ENVIRONMENTAL COMPLIANCE
ENFORCEMENT DIVISION
SEP 28 2005

September 20, 2005

To Whom It May Concern:

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SEP 29 2005

DEQ
Single Point of Contact

**Subject: Interim Status Report: Hurricane Katrina
State Police Case #s: 05-05923 and 05-06194
NRC Case#: 770615**

**Motiva Enterprises, LLC – Norco Refinery
Shell Norco Chemical Plant East Site
Shell Norco Chemical Plant West Site
Shell St. Rose Refinery**

LDEQ AI # 1406
LDEQ AI# 26336
LDEQ AI# 4384
LDEQ AI# 3462

Subsequent to the letters listed below, the above referenced facilities are jointly reporting their status and the progress of recovery and start-up activities due to the emergency conditions resulting from Hurricane Katrina. This report is in addition to the routine, daily updates being made verbally to the State Police/DEQ.

Please note that the agency interest number for Shell Norco Chemical East Site was in error in the Preliminary Release Reports, the correct Agency Interest Number are used in this Interim Status Report.

- 9/1/05, Preliminary Release Report and Upset Release Provision, State Police Case # 05-05923
- 9/8/05, Preliminary Follow-up release Report, State Police Case 05-06194

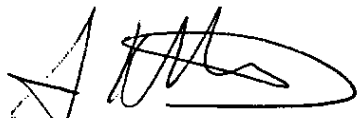
The facility status shown in the attachment is a result of activities taken to safely shutdown and restart the facilities due to Hurricane Katrina, as well as damage caused by the hurricane.

Please note that this letter satisfies Paragraph 5.a of the Louisiana Department of Environmental Quality *Amended Declaration of Emergency and Administrative Order* for report of repairs to air pollution sources.

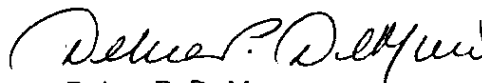
Final release calculations have not yet been determined. A final written report will be submitted once activities and calculations are completed. If you have any questions

regarding this matter, please contact Ms. Chrystal Kain of Motiva at (504) 465-7455 or Mr. Gerard Friloux of Shell at (504) 465-7443.

Thank you,



A. K. Menard
HSSE Manager
Motiva Enterprises LLC



Debra P. DeMuro
Manager - HSSE/A
Shell Chemical LP

RBK/mse

Attachment

Cc: W/Attachment
CERTIFIED MAIL - RETURN RECEIPT REQUESTED
Mr. Phil Frazier, Environmental Scientist
Louisiana Department of Environmental Quality
201 Evans Road, Bldg. 4, Suite 420
New Orleans, LA 70123-5230

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

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
~~Louisiana Department of Environmental Quality~~
Office of Environmental Services
P. O. Box 4313
Baton Rouge, LA 70821-4313

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Jeffrey Jones
Environmental Technology Division
Louisiana Department of Environmental Quality
P. O. Box 4314
Baton Rouge, LA 70821-4314

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Louisiana Department of Environmental Quality
ATTENTION: SURVEILLANCE DIVISION-S.P.O.C.
"UNAUTHORIZATION DISCHARGE NOTIFICATION REPORT"
P. O. Box 4312
Baton Rouge, LA 70821-4312

Interim Status Report: Hurricane Katrina
State Police Case #s: 05-05923 and 05-06194
NRC Case#: 770615

Item	Status*
General Facility- Motiva	Operational with process units coming up to final rates. Wastewater treatment system on line.
General Facility- Shell East Site	Utility systems operational. Alky process units started up except GO-1 S. The GO-1S process unit is starting up much more slowly than usual due to extensive damage to it's cooling water tower (GO-1S CWT, referenced below) and steam supply issues. Because of these factors, the normal unit startup flaring may be extended over a longer time.
General Facility- Shell West Site	Operational. Wastewater treatment system on line. Biosolids Incinerator starting up.
General Facility- Shell St Rose	Operational. Wastewater treatment system on line.
BOGS CWT (EPN 2005-95)	Damage to one shroud, packing, and sides. Repairs underway. No impact on emissions potential.
GO-1S CWT (EPN 2003-95)	Significant damage to all shrouds, fans, packing, and sides. Repairs underway. No impact on emissions potential.
DU5 CWT (EPN 2001-95)	Minimal damage: Repairs underway. No impact on emissions potential.
GO-1N CWT (EPN 2004-95)	Minimal damage: Repairs underway. No impact on emissions potential.
Tank F512 (EPN 1075-95)	Insulation damage only. No impact on emissions potential.
Tank H438 (EPN 1066-95)	Insulation damage only. No impact on emissions potential.
Tank H433 (EPN 1065-95)	Insulation damage only. No impact on emissions potential.
Tank F496 (EPN 1250-95)	Investigating geodesic dome condition.
Tank F-492 (EPN 1073-95)	Insulation damage only. No impact on emissions potential.
Tank F-444 (EPN 1236-95)	Oil leakage into floating roof pontoons. Repairs underway. No impact on emissions potential.
Tank F-466 (EPN 1245-95)	Product found on floating roof on 8/31/05. Product removed on 9/7/05 and LAC 33.III.2103.D.2 notification provided on 9/7/05.
Tank F-463 (EPN 1241-95)	Oil leakage into floating roof pontoons. Repairs underway. No impact on emissions potential.
Permanent Firewater and Utility water diesel /pumps	Various issues: all repairs underway or completed. No impact on emissions potential.
Furnace F45 (H2 Plant) (EPN Nos 27-71 and 28-71)	Minimal damage to guide wires: Repairs underway. No impact on emissions potential.
OIS Elevated Flare (EPN 6-84)	Damage to the flare tip lower steam manifold; damage to pilots/thermocouples. Flame verified present and being monitored. Additional assessments and repair planning are underway.
West Operations Elevated Flare (EPN 5-84)	Possible tip damage. Investigating. No impact on emissions potential expected.

Interim Status Report: Hurricane Katrina
State Police Case #s: 05-05923 and 05-06194
NRC Case#: 770615

Item	Status*
GO-1 Elevated Flare (EPN 1-90)	Steam assist system damaged. Repairs completed. Emissions impact to be evaluated for period of steam assist damage.
HCU Flare (EPN 4-84)	Possible flare line damage. CR-2 process unit vents routed to Coker Flare. Repairs underway. No impact on emissions potential expected.
Other emission sources	Minor investigations ongoing. Repairs will be completed as needed. No impact on emissions potential expected.
North Property Industrial Landfill, P-0310	Leachate removal discontinued several days. Restarted 9/9. No overflow occurred. No storm damage identified.
Refinery Wastewater Treatment System, P-0268	Bypassed due to excess storm water. No storm damage identified. Normal operation restored 9/3. Bypass detailed in separate report.
Biosolids Incinerator, P-0195	Incinerator starting up. No storm damage identified.
Miscellaneous Spills to Ground	Three spills of hydrocarbons to ground occurred as a result of the storm. In each case, all released material was contained onsite and only the surface soils were affected. All clean up activities have been completed.
Spills to Water	On 9/3 a release of hydrocarbons was identified from the Motiva Emergency Bypass Outfall 006. During emergency bypass operations to dewater the refinery in the wake of Hurricane Katrina, a small amount of oil was inadvertently discharged into the Emergency Bypass Outfall. Pumping was immediately stopped and containment booms deployed. Clean-up operations were initiated on 9/3 and were completed on 9/12.
Temporary Equipment	Various small, portable tanks (e.g. "frac tanks") and small internal combustion engines in use for supplementing power, utility air, etc (non-process uses). Emissions are expected to be trivial.
Reporting	<p>Shell and Motiva have initiated efforts to restart all routine reports required by permits, regulations, etc, consistent with reporting extensions granted by the following:</p> <ul style="list-style-type: none"> • 9/8/05 letters from Nakayama, US EPA Washington DC to Pierre Espejo, Senior Counsel, Shell Oil Company • 9/8/05 letters from Brown, LDEQ to Pierre Espejo, Senior Counsel, Shell Oil Company • 9/3/05 Louisiana Department of Environmental Quality <i>Amended Declaration of Emergency and Administrative Order</i>

* Repairs to emissions sources are not expected to constitute a reconstruction or modification of the sources under any regulation (e.g. 40 CFR 60). Also note that this is a preliminary listing of
 \\Americas.shell.com\americas\Oil Products\MOTIVA Norco\Department\Environmental\Shared\Hurricane Katrina\05-05923 and 05-06194 Interim.doc

Interim Status Report: Hurricane Katrina
State Police Case #s: 05-05923 and 05-06194
NRC Case#: 770615

issues related to Hurricane Katrina and once investigations are completed a final follow-up report with all relevant information will be submitted.



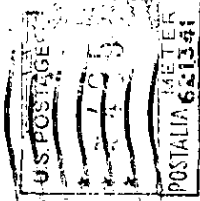
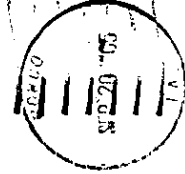
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Norco, LA 70079

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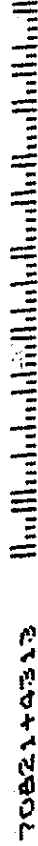
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OC

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Louisiana Department of Environmental Quality
Office of Environmental Services, Environmental Assistance Division
Compliance Assistance Section
P.O. Box 4313
Baton Rouge, LA 70821-4313



708214313

AI # 1406

UNIT LOG		1. Incident Name HURRICANE KATRINA	2. Date Prepared 11/23/05	3. Time Prepared 8:00 AM
4. Unit Name/Designators BLRO		5. Unit Leader (Name and Position) Malcolm Anday		6. Operational Period 10-6-05
7. Personnel Roster Assigned				
Name		ICS Position		Home Base
Malcolm Anday		LDER ESTH		BLRO
8. Activity Log				
Time	Major Events			
	<p>Incident investigation Incident # 81957 Courtesy not received at start up - unit was shut down due to Hurricane Katrina Not an emergency as defined in Chapter 39</p>			
	Incident # 81957			
	Motiva Enterprises - Norco Refinery AI 1406			
9. Prepared by (Name and Position) Malcolm Anday				

SARO
Blaise G

THIS INFORMATION IS FOR EMERGENCY RESPONSE PURPOSES
AND NOT FOR PUBLIC DISTRIBUTION WITHOUT PRIOR STATE POLICE APPROVAL

INCIDENT # 05-06194
HOTLINE
877-925-6595 / 225-925-6595

SOURCE: STATE POLICE HAZMAT

** (INITIAL REPORT) DATE AND TIME

HOTLINE NOTIFIED: 09/05/05 16:01
INCIDENT OCCURRED: 09/05/05 11:00

Kats05-3225

** (INITIAL REPORT) INCIDENT LOCATION

PARISH: St Charles
ADDRESS: 11842 River Road in St. Rose, 15536 River Road in Norco, and
16122 River Road in Norco

T 81957

** (INITIAL REPORT) CALLER INFORMATION

CALLER'S NAME: Mike Page
CALLER'S ADDRESS OR EMPLOYER: Shell/Motiva
CALLER'S PHONE NUMBER: 504-382-8325

Malcolm

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SEP 20 2005

SOUTHEAST REGIONAL
OFFICE

** (INITIAL REPORT) RESPONSIBLE PARTY

NAME: Shell/Motiva
MAILING ADDRESS: P O Box 10
CITY, STATE, ZIP: Norco, LA 70079

** (INITIAL REPORT) DETAILS

Shell Chemical and Motiva Refining are starting up their facilities in
St. Rose and Norco... Startup began at 11:00 with a boiler at the St.
Rose facility to heat up things... It could take as long as two weeks for
all of the facilities to be back at 100%...

** (INITIAL REPORT) CHEMICAL INFORMATION

CHEMICAL 1: None
QTY: None
RELEASED STATE: Gas CLASS: ID:
EHS:

** (INITIAL REPORT) RELEASE INFORMATION

INCIDENT CLASSIFICATION: Unusual Event
DID MATERIAL GO OFFSITE? No
RELEASED TO: No release
ANY OFF-SITE PROTECTIVE ACTION?
No

RELEASE EFFECTS:
FIRE: No
INJURIES: No :
FATALITIES: No :

Courtesy Notified in
Initiated by D. Bradshaw 9/5/05

09-05-05 16:09 RCVD

09-05-05 16:09 RCVD

Majority plant up & running

** (INITIAL REPORT) FIXED SITE

Process Unit

Incident Reporter

Received By: Cindy Lafosse
Received Date: SEP-05-05 16:09:00
Dispatch #: kats05-3225
Reported By: Mike Page, Agency Interest Self Rept
Phone Desc: 504-382-8325
Reporter Title:
Org Desc: Shell/Motiva
Address: POB 10

Municipality: Norco
State Code: LA
Zip Code: 70079
Comments:

Incident Description

Incident Type: Release/Spill, Facility Discharge/Release
Incident Date: SEP-05-05 11:00:00
Parish: St. Charles
Municipality: Norco
Location: Shell/Motiva - 11842 River Rd., 15536 River Rd., and 16122 River Rd.
Lat/Lon:
Basin/Segment:
Substance:
Media Impacted: Air
Incident Desc: kats05-3225 starting up their facilities in St. Rose & Norco - tj

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: This is a courtesy notification of start up. The facility was shut down due to hurricane Katrina. This is not an emergency notification as defined in LAC 33:1. Chapter 39. Follow-up written notification is not required.

Incident Status

Lead Investigator: Malcolm Andry
Region: Southeast
Incident Status: Closed
As Of: PB