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SECRETARY

# State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES
APR 2 2 2008

**CERTIFIED MAIL** 7008 0150 0003 4519 1086 **RETURN RECEIPT REQUEST**

File No.: LA0103039
AI No.: 27399 Activity No.: PER20060001

Mr. Russell D. Korbe
Discovery Producer Services, LLC
Larose Gas Processing Plant
2800 Post Oak Blvd. Level 7
Houston, TX 77056

RE: Draft Major Modification of Louisiana Pollutant Discharge Elimination System (LPDES) permit LA0103039, effective on May 1, 2005 for Discovery Producer Services, LLC's Larose Gas Processing Plant located at 1474 Highway 24, approximately 1.8 miles west of Larose on the south side of Highway 24, in Lafourche Parish.

Dear Mr. Korbe:

The Department of Environmental Quality proposes to modify an existing LPDES permit with the effluent limitations, monitoring requirements, and special conditions listed in the attached DRAFT MODIFIED PERMIT. Upon the effective date of the FINAL MODIFIED PERMIT, the FINAL MODIFIED PERMIT portions shall replace the corresponding portions of the previously effective State (LPDES) permit.

The draft modification(s) of the current LPDES permit include:

1. Outfall 001 - change the outfall description to reflect the deletion of the discharge of firewater system test wastewater.

2. Outfalls 003 - newly designated outfall for the discharge of firewater from the west side of the facility.

Attached are the draft revisions to the Effluent Limitations pages (pages 2 and 5a of 6, Part I) for Outfalls 001 and 003 and the modified Title Page for the requested modifications. Please note that this is a DRAFT MODIFICATION only. Authorization to change your discharge will be granted only upon the receipt of an approved modification from this Office. All other conditions of the permit LA0103039 shall continue unchanged and remain valid until the expiration date of the permit. In accordance with LAC 33:IX.3105.B.2, only those permit limitations and conditions pertaining to the draft modification(s) are open for public comment.

This Office will publish a public notice one time in a local newspaper of general circulation and the Office of Environmental Services Public Notice Mailing List. A copy of the public notice containing the specific requirements for commenting to this draft permit action will be sent under separate cover at the time the public notice is arranged. In accordance with LAC 33:IX.6521.A, the applicant shall receive and is responsible for paying the invoice from the above mentioned newspaper. LAC 33:IX.6521.A states: "...the costs of publication shall be borne by the applicant."

The invoice, fee rating worksheet, and a copy of the fee regulations will be sent under a separate cover letter as applicable. Please note that a copy of the fee rating worksheet is also attached to this draft permit. A copy of the entire Louisiana Water Quality Regulations may be obtained from the DEQ Office of Environmental Assessment, Post Office Box 4314, Baton Rouge, Louisiana 70821-4314, (225) 219-3236.

Pursuant to LAC 33:IX.1309.I, LAC 33:IX.6509.A.1 and LAC 33:I.1701, you must pay any outstanding fees to the Department. Therefore, you are encouraged to verify the facility's fee status by contacting LDEQ's Office of Management and Finance, Financial Services Division (225) 219-3863. Failure to pay in the manner and time prescribed could result in applicable enforcement actions as prescribed in the Environmental Quality Act, including, but not limited to revocation or suspension of the applicable permit, and/or assessment of a civil penalty against you.

Should you have any questions concerning any part of this draft modification, please feel free to contact either Elizabeth Johnson by telephone at (225) 219-3093 or Scott Guilliams by telephone at (225) 219-3072 or by letter to the Office of Environmental Services at the address on the preceding page. To ensure that all correspondence regarding this facility is properly filed into the Department's Electronic Document Management System, you must reference your Agency Interest (AI) number 27399 and LPDES permit number LA0103039 on all future correspondence to this Department, including Discharge Monitoring Reports.

Sincerely,

Jesse Chang

Jesse Chang
Environmental Scientist Manager
Industrial Water Permits

ehj

Attachment(s) modified draft permit pages, statement of basis, and fee sheet:

cc: Elizabeth H. Johnson
Water Permits Division

IO-W

ec: Ms. Gayle Denino
Office of Management & Finance

ec: Permit Compliance Unit
Office of Environmental Compliance

Scott Guilliams
Water Permits Division

For Public Notice
Public Participation Group
Office of Environmental Assistance

**DRAFT**

**PERMIT NUMBER**
**LA0103039**
**AI No.: 27399**

DEQ
LOUISIANA

**OFFICE OF ENVIRONMENTAL SERVICES**

# Water Discharge Permit

**Pursuant to the Clean Water Act, as amended (33 U.S.C. 1251 et seq.), and the Louisiana Environmental Quality Act, as amended (La. R. S. 30:2001 et seq.), rules and regulations effective or promulgated under the authority of said Acts, and in reliance on statements and representations heretofore made in the application, a Louisiana Pollutant Discharge Elimination System permit is issued authorizing**

Discovery Producer Services LLC
Larose Gas Processing Plant
1474 Highway 24
Larose, LA 70373

**Type Facility:** Natural Gas Processing Plant

**Location:** 1474 Highway 24, approximately 1.8 miles west of Larose on the south side of Highway 24, in Lafourche Parish

**Receiving Waters:** Grand Bayou Blue (120606) via Outfalls 001 and 004
Bayou Manuel (120604) via Outfall 002
Grand Bayou Blue (120604) via Outfall 003

**to discharge in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Parts I, II, III attached hereto.**

**This permit and the authorization to discharge were effective on May 1, 2005 and shall expire five (5) years from the original effective date of the permit.**

**This permit was not previously modified.**

**This modification shall become effective on** _____

**Issued on** _____

_____
**Cheryl Sonnier Nolan**
**Assistant Secretary**

**DRAFT**

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning the effective date and lasting through the expiration date the permittee is authorized to discharge from:

Outfall 001 – Once-through non-contact cooling water, stormwater, and previously monitored effluents from Internal Outfalls 101 and 201.

This discharge shall be limited and monitored by the permittee as specified below:

| EFFLUENT CHARACTERISTICS OUTFALL 001 | STORET CODE | DISCHARGE LIMITATIONS Units (Specify) | MONITORING REQUIREMENTS(*1) | |
|---|---|---|---|---|
| | | DAILY MAXIMUM | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| Flow (MGD) | 50050 | Report | 1/ month | Estimate |
| TOC | 00680 | 50 mg/L | 1/ month | Grab |
| Oil and Grease | 03852 | 15 mg/L | 1/ month | Grab |
| Temperature | 00010 | Report(*2) | 1/ month | Grab |
| pH | 00400 | 6.0 - 9.0 s.u(*3) (Min - Max) | 1/ month | Grab |

The analytical method used must be capable of detecting the limiting concentration.

There shall be no visible sheen or stains attributable to this discharge in the drainage area downstream from the permitted outfall.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

The unit for flow, MGD, is million gallons per day.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 001 - at the point of discharge from the southwest corner of the facility prior to mixing with other waters.

FOOTNOTES

(*1) When discharging.
(*2) Instantaneous maximum to be analyzed immediately. Future water quality studies may require a temperature limitation for once-through non-contact cooling water. If such a limitation were imposed, the permittee would be required to reduce the temperature of the effluent prior to discharge.
(*3) The permittee shall report on the Discharge Monitoring Reports both the minimum and maximum instantaneous pH values measured.

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)

During the period beginning the effective date and lasting through the expiration date the permittee is authorized to discharge from:

Outfall 003 - Intermittent discharge of firewater from the west side of the facility into Grand Bayou Blue.

This discharge shall be limited and monitored by the permittee as specified below:

| EFFLUENT CHARACTERISTICS OUTFALL 004 | STORET CODE | DISCHARGE LIMITATIONS Units (Specify) | MONITORING REQUIREMENTS(*1) | |
|---|---|---|---|---|
| | | DAILY MAXIMUM | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| Flow (MGD) | 50050 | Report | 1/quarter | Estimate |
| TOC | 00680 | 50 mg/L | 1/quarter | Grab |
| Oil and Grease | 03582 | 15 mg/L | 1/quarter | Grab |
| pH | 00400 | 6.0 - 9.0 s.u.(*2) (Min - Max) | 1/quarter | Grab |

The analytical method used must be capable of detecting the limiting concentration.

There shall be no visible sheen or stains attributable to this discharge in the drainage area downstream from the permitted outfall.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

The unit for flow, MGD, is million gallons per day.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 003 - at the point of discharge from the west side of the facility prior to mixing with other waters.

FOOTNOTES

(*1) When discharging.
(*2) The permittee shall report on the Discharge Monitoring Reports both the minimum and maximum instantaneous pH values measured.