



Colorado Department
of Public Health
and Environment

**COLORADO DISCHARGE PERMIT SYSTEM (CDPS)
FACT SHEET FOR MODIFICATION 1
PERMIT NUMBER CO0047776
PIONEER NATURAL RESOURCES USA, INC.
LORENCITO CANYON COALBED METHANE OPERATIONS
LAS ANIMAS COUNTY**

TABLE OF CONTENTS

I. TYPE OF PERMIT.....	1
II. FACILITY INFORMATION.....	1
III. PURPOSE OF MODIFICATION.....	1
IV. CHANGES AS A RESULT OF THE MODIFICATION.....	1

I. TYPE OF PERMIT

- A. Permit Type:** Modification No. 1 – Minor Modification
- B. Discharge To:** Surface Water

II. FACILITY INFORMATION

- A. SIC Code:** 1311 Crude Petroleum and Natural Gas
- B. Facility Location:** Approximate Middle Point of Operation,
Latitude 37° 05' North, Longitude 104° 48' West

III. PURPOSE OF MODIFICATION

On June 12, 2015, XTO filed a Notice of Appeal, Request for Adjudicatory Hearing, and Request for Stay (“Appeal”) of the Proposed Permit with the Division. In the Appeal XTO identified typographical errors that are being corrected through this modification.

IV. CHANGES AS A RESULT OF THE MODIFICATION

The Division modified the permit as outlined below:

Corrections identified in the appeal:

1. Part I.A, page 5. The permitted features table for outfall 005-A incorrectly lists January 1, 2017 as the start date for chronic WET testing using *Pimephales promelas*. The date should be revised to read July 1, 2017.

This error has been corrected. The date has been revised.

2. Part I.A, page 12. While Pioneer reserves the right to dispute the limits imposed, the SAR benchmark values for soil salinity monitoring should be 2.4 for SAR, not 1.2, to be consistent with the Fact Sheet and Appendix C.

This error has been corrected. The benchmark has been revised to 2.4.

3. Part I.C, page 17. While the Division revised the LCL table to reflect the revisions to the LCL method, the text below the LCL table was not revised. It should read, “For example, if the sample size is six, the LCL percentile is 0.265 and the LCL concentration is the 26.5th percentile value of the sample set.”

This error has been corrected. The example has been revised.

Division initiated corrections

1. Part I.D, page 50. The permit states that reporting of data gathered in compliance with Part I.A or Part I.B “shall be on a **monthly** basis”

The language has been revised to include quarterly, semi-annual and annual monitoring and reporting frequencies.

2. Page 1. The facility location in latitude and longitude is missing from Page 1 of the permit

This error has been corrected. The facility location in latitude and longitude has been added to Page 1 of the permit.

3. Part I.A.2, page 4. The table indicates “Flow, SAR and EC limitations for individual outfalls” are listed.

The error has been corrected. The terms “flow” and “EC” were removed from the table since only SAR effluent limits are listed.

4. Throughout the permit, the ICIS code for Mn, PD ($\mu\text{g/l}$) is listed as 1319. The number should be 01319.

The error has been corrected. The ICIS code for Mn, PD is now 01319.

5. Throughout the permit, the ICIS code for Hg, Tot (Low-Level) is listed as 71900. The number should be 50286.

The error has been corrected. The ICIS code for Hg, Tot (Low-Level) is now 50286.