



Colorado Department  
of Public Health  
and Environment

**COLORADO DISCHARGE PERMIT SYSTEM (CDPS)  
FACT SHEET FOR MODIFICATION #2  
PERMIT NUMBER CO0040142  
TOWN OF FRASER  
UPPER FRASER VALLEY TREATMENT PLANT  
GRAND COUNTY**

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**I. TYPE OF PERMIT**                      Modification #2 – Minor Amendment

**II. FACILITY INFORMATION**

- A. Facility Type:**                      Domestic - Major Municipal, Mechanical Plant
- B. SIC Code:**                          4952 Sewerage Systems
- C. Facility Classification:**        Class B per Section 100.5.2 of the Water and Wastewater Facility Operator Certification Requirements
- D. Facility Location:**              Latitude: 39.9623° N  
Longitude: 105.8158° W
- E. Discharge Point:**              Outfall 001A, following disinfection and prior to mixing with the receiving stream; 39° 57.727' N, 105° 48.935' W.
- F. Facility Flows:**                    2.499 MGD

**III. MODIFICATION REQUEST**

The Division received a modification request from the Town of Fraser on August 28, 2014. The permittee has requested a modification to the Total Recoverable Arsenic effluent limitation to take account the recently adopted temporary modification for this parameter. The limitation for Outfall 001A, coming into effect May 2015, is 0.04 µg/l. According to the EPA Action Letter dated June 20, 2013, “for discharges existing on or before June 1, 2013, the temporary modification require maintenance of current conditions... For new or increased discharges commencing on or after June 1, 2013, each temporary modification is expressed as a range from 0.02 µg/l to 3.0 µg/l... no effluent limit shall be more restrictive than the second number in the range.”

The Town of Fraser is requesting a permit modification to maintain current conditions for Total Recoverable Arsenic, or revise the 2015 permitted effluent limitation to reflect the second number in the range based on the temporary modification.

#### IV. CHANGES TO PERMIT

Based on the commission adaptation of the ‘hybrid’ temporary modification for the total recoverable arsenic, the Division has removed the total arsenic water quality based limitation of 0.04 µg/l for Outfall 001A and has implemented a ‘report’ only requirement for the remainder of this permit term. Since the ‘current conditions’ requirement established by the commission expires December 31, 2021, the Division has also removed the associated compliance schedule that sets milestones towards attaining compliance with these limitations. Note that the ‘hybrid’ temporary modification also includes a requirement to ‘maintain the current condition’ which is further described in the Statement of Basis and Purpose, Regulation No. 38. During the implementation of this temporary modification the EPA commented on the modified permits and recommended that permits for all POTWs to require periodic pollutant scans of effluent. Therefore, the Division has made this change in the Fraser permit and will include pretreatment sampling in major POTW permits without approved programs (like Fraser).

Below is the EPA provided permit language for POTWs without approved programs.

The Permittee shall sample and analyze the effluent for the following pollutants:

Total Arsenic	Total Nickel
Total Cadmium	Total Selenium
Total Chromium	Total Silver
Total Copper	Total Zinc
Total Lead	Total Cyanide
Total Mercury	Total Phenols
Total Molybdenum	

The sampling shall commence within thirty (30) days of the effective date of this permit and continue at the following frequency:

Sampling Schedule for Non-Approved Programs:

Minor Lagoons	1 per permit term
Minors (below 1 MGD)	2 per permit term
Majors (above 1 MGD)	1 per year

For the reporting purposes, the Division added a limit set ‘P’ to allow data entry to ICIS.

**Tristan Acob**  
**9/11/2014**

**IX. PUBLIC NOTICE COMMENTS**

The public notice period was from September 12, 2014 to October 14, 2014. No comments were received during the public notice period.

**Tristan Acob  
October 16, 2014**