

**Western Refining Southwest LLC**

I-40 Exit 39      A subsidiary of Marathon Petroleum Corporation  
Jamestown, NM 87347

March 31, 2021

Mr. David Cobrain, Program Manager  
New Mexico Environment Department  
Hazardous Waste Bureau  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, New Mexico 87505

**RE:    Borrow Pit Interceptor Sumps Installation Plan  
         Western Refining Southwest LLC, Gallup Refinery**

Dear Mr. Cobrain,

As discussed on our phone call on Tuesday March 16, 2021, we would like to proceed with the installation of five recovery sumps and two piezometers in the Borrow Pit area (see Figure 1) to intercept groundwater and separate-phase hydrocarbon (SPH) that has surfaced within the Borrow Pit area.

The sumps will be spaced approximately 40 feet (ft) apart and will be arranged in a line, as shown on Figure 1. A truck-mounted drill rig using 10.25-inch (in) inner-diameter (14-in flight outside-diameter) hollow-stem auger will be used to access the site and advance the borings. The sumps will be constructed with 6-in diameter polyvinyl chloride (PVC) casing and 0.010-in slot PVC screen installed from 2 to 8 ft below grade, with a 10/20 sand filter pack installed around the well screen. The piezometers will be constructed with 2-in diameter PVC casing and 0.010-in slot PVC screen from 2 to 8 ft below grade, with a 10/20 sand filter pack installed around the well screen. Soil cuttings will be drummed and sampled for disposal characterization. Following receipt of characterization analytical data, the soils will be disposed of in accordance with state and federal regulations.

A vacuum truck will be used to evacuate total fluids (groundwater and SPH) from the sumps, which will eventually create a hydraulic depression in the groundwater table. The expected flowrate from all wells collectively is approximately 1 gallon per minute, which will be verified during operations. The frequency of vacuum truck visits required to establish and maintain a hydraulic depression will also be determined during operations.

Following installation of the sumps and the piezometer, and startup of pumping, a summary letter report of the installation will be prepared and submitted to you.



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If you have any questions or comments regarding the information contained herein, please do not hesitate to contact Mr. John Moore of my staff at 505-879-7643.

Sincerely,  
**Marathon Petroleum Company LP, Gallup Refinery**

*Robert S. Hanks*

Robert S. Hanks  
Refinery General Manager

Attachment

cc:     M. Suzuki, NMED HWB  
         C. Chavez, OCD  
         T. McDill, OCD  
         G. McCartney, Marathon Petroleum Company  
         K. Luka, Marathon Petroleum Company  
         J. Moore, Marathon Gallup Refinery  
         H. Jones, Trihydro Corporation

Figure 1 – Borrow Pit Interceptor Sumps Location







**District I**

1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**

811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 22552

**CONDITIONS**

Operator: Western Refining Southwest LLC 539 South Main Street Findlay, OH 45840	OGRID: 267595
	Action Number: 22552
	Action Type: [UF-DP] Discharge Permit (DISCHARGE PERMIT)

**CONDITIONS**

Created By	Condition	Condition Date
scwells	Accepted for Record Retention Purposes-Only	11/21/2022