

1R - 744

**GENERAL
CORRESPONDENCE**

YEAR(S):
2007 - 2008



TETRA TECH, INC.

RECEIVED

2007 OCT 15 PM 12 52

October 12, 2007

Mr. Wayne Price
Environmental Bureau Chief
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Certified Mail
7005 0390 0000 6086 9115

Re: **East Vacuum Glorieta, East Tank Battery Playa**
SW 1/4 & SE 1/4, Sec 27, T17S, R35E
Stage I & II Abatement Plan Revised


Dear Mr. Price:

On behalf of ConocoPhillips, Tetra Tech, Inc. (formerly Maxim Technologies) is re-submitting the attached Stage I and II Abatement Plan (2 copies) for your review. The Plan proposes a path forward for mitigating the petroleum hydrocarbon and chloride impaired soil found in a playa (Site) located east of ConocoPhillips' East Vacuum Glorieta, East Tank Battery. The Site is located on State owned land, within Lea County, New Mexico (32° 47.932' N, 103° 26.726' W).

The proposed abatement option includes the deployment of a geo-membrane barrier to confine existing petroleum hydrocarbons and chloride below the caliche (caprock) zone to minimize their further migration to groundwater. Approval of the Stage II Abatement Plan would re-direct water flow away from the lower aquifer sands located immediately below the barrier. The water would flow over the geo-membrane, into adjacent sub-soils, and then percolate downward through the unaffected sands to the aquifer.

If this Plan is acceptable to the New Mexico Oil Conservation Division and it receives favorable public comment, ConocoPhillips is prepared to charge Tetra Tech with the task of executing the proposed Plan. If you have any questions concerning this Plan, please contact Mr. Tom Wynn (918-667-0310) or me.

Sincerely,


Greg W. Pope, P.G.
Project Manager

Cc: Mr. Chris Williams, NMOCD District I
Mr. Tom Wynn, ConocoPhillips
Mr. Larry Deen, ConocoPhillips

Certified Mail

7005 0390 0000 6086 9122

DRAFT

NOTICE OF PUBLICATION

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

Notice is hereby given that pursuant to New Mexico Oil Conservation Division Regulations, the following combined Stage I and Stage 2 Abatement Plan Proposal has been submitted to the Director of the Oil Conservation Division, 1220 St. Francis Dr., Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

ConocoPhillips, Inc., Tom Wynn, Site Manager Risk Management & Remediation, (918) 661-0310, 1354 Phillips Building Bartlesville, Oklahoma 74004 has submitted a combined Stage I and Stage II Abatement Plan Proposal for the East Tank Battery playa historic production pit site, located in the Vacuum Glorietta East Unit of Section 27 of Township 17 South, Range 35 East, NMPM, Lea County, New Mexico. ConocoPhillips operates crude oil gathering pipelines and tank battery adjacent to the site. Benzene, naphthalene, and chlorides concentrations in excess of New Mexico Water Quality Control Commission standards have been observed in groundwater at the site. The combined Stage I and Stage 2 Abatement Plan Proposal present the following activities: site history and chronology of work done to date, site geology and hydrogeology; water well search within a 1 mile radius of the site; installation of monitoring wells; soil samples collected for field screening and laboratory analysis from each boring; groundwater samples collected for laboratory analysis from each monitoring well; depth to groundwater measurements were obtained and ground water gradient and direction were calculated; all well locations were surveyed by a professional land surveyor registered in the State of New Mexico; proposed methods for remediation of the site including excavation of affected soils, installation of synthetic barrier, monitoring of affected groundwater, and preparation of reports; and has completed all investigation, has implemented soil excavation, and has scheduled installation of synthetic barrier and monitoring activities.

Any interested person may obtain further information from the Oil Conservation Division and may submit to the Director of the Oil Conservation Division, at the address given above, written comments or a written request for a public hearing that include reasons why a hearing should be held. The Stage I and Stage II Abatement Plan Proposals may be viewed at the above address or at the Oil Conservation Division Hobbs District Office, 1625 N. French Dr., Hobbs, New Mexico 88240, Telephone (505) 393-6161 between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on the proposed Stage I and Stage II Abatement Plan Proposals, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which written comments or a written request for a hearing may be submitted.