

AP - 29

APPROVALS

YEAR(S):

2006-2001



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

April 18, 2006

Ms. Camille Reynolds
Plains All American Pipeline, L.P.
3112 West Highway 82
Lovington, NM 88260

RE: 2005 Annual Monitoring Report
Plains All American Kimbrough Sweet Site
Plains Reference #2000-10757
UL-G, Section 3, Township 18 South, Range 37 East
Lea County, New Mexico
NMOCD File # AP-0029

Dear Ms. Reynolds:

The New Mexico Oil Conservation Division (NMOCD) has received and reviewed the above report submitted on behalf of Plains All American Pipeline, L.P. (Plains) by Environmental Plus, Inc. This report is hereby accepted and approved with the following understandings and conditions:

1. PSH recovery and site reconnaissance activities will be continued, at least every three days, throughout 2006.
2. Monitor wells MW-1, MW-3, and MW-4 will be sampled and analyzed for BTEX semi-annually and PAH's annually.
3. Monitor well MW-10 will be sampled and analyzed for BTEX quarterly and PAH's annually.
4. If the PSH levels in monitor wells MW-2, MW-5, MW-6, MW-7, MW-8, MW-9, or MW-11 decline to nil, such monitor wells will be added to the quarterly sampling/analysis schedule.
5. The biocell that has been created in the former excavation must be sampled immediately upon receipt of this letter, and once more during the last quarter of 2006. The biocell will be sampled annually thereafter. Biocell samples will be submitted to a certified laboratory for analysis of total petroleum hydrocarbons. Biocell analysis results will be reported in the 2006 Annual Monitoring Report (due to be received by the NMOCD Santa Fe office by April 1, 2007) and subsequent annual monitoring reports.

NMOCD approval does not relieve Plains of liability should its operations at this site prove to have been harmful to public health or the environment. Nor does it relieve Plains of its responsibility to comply with the rules and regulations of any other governmental agency.

If you have any questions, contact me at (505) 476-3492 or ed.martin@state.nm.us

NEW MEXICO OIL CONSERVATION DIVISION

A handwritten signature in black ink, appearing to read "Ed Martin", with a stylized flourish at the end.

Edwin E. Martin
Environmental Bureau

Copy: NMOCD, Hobbs
Pat McCasland, EPI



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

June 22, 2004

Mr. Jimmy Bryant
Link Energy
P.O. Box 1660
Midland, TX 79703

Dear Mr. Bryant:

The New Mexico Oil Conservation Division has received:

1. "Annual Monitoring Report" for the Link Kimbrough Sweet site (Link ref: 2000-10757) NMOCD ref: AP-29.
2. "Proposed Link Energy Monitor Well Installations in Lea County, New Mexico" for the same site.

The following recommendations included in item #1 above are approved:

1. Additional recovery wells should be installed to enhance recovery of the phase-separated hydrocarbons. **Link should submit a plan showing the number of wells to be installed and locations of each in relation to the spill site.**
2. Continue to monitor the groundwater monitoring well network and the PSH recovery system on a monthly basis. Groundwater level data should also be collected monthly.
3. The groundwater monitoring well network may be sampled on a semi-annual basis and the resultant samples submitted for quantification of BTEX. Should analytical results for any of the proposed and/or existing monitoring wells indicate the presence of contaminants, the impacted wells should be sampled on a quarterly basis. In the event that PSH are not detected during a sampling event in groundwater monitoring wells currently containing PSH, these wells will be included in the quarterly sampling event.
4. Samples should be analyzed for the presence of PAH's (poly-cyclic aromatic hydrocarbons) during the next sampling event. If analytical results indicate the presence of PAH's, the samples should continue to be analyzed for the presence of PAH's on an annual basis.

If you have any questions, contact me at (505) 476-3492 or emartin@state.nm.us

NEW MEXICO OIL CONSERVATION DIVISION

Edwin E. Martin, Environmental Bureau

cc: Larry W. Johnson, NMOCD, Hobbs
Jeff Dann, Link Energy, Houston
Pat McCasland, EPI



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenberg
Director
Oil Conservation Division

November 30, 2001

Mr. Frank Hernandez
District Environmental Supervisor
EOTT Energy Pipeline Limited Partnership
5805 East Highway 80
P.O. Box 1660
Midland, Texas 79703

RE: KIMBROUGH SWEET SITE Ref # 2000-10757
NMOCD File AP - 29
LEA COUNTY, NEW MEXICO

Dear Mr. Hernandez:

The New Mexico Oil Conservation Division (OCD) has reviewed the July 2001 "SOIL AND GROUND WATER REMEDIATION PLAN" for this project which was submitted on behalf of EOTT by your consultant Environmental Plus, Inc. (EPI). This document describes general concepts for methods of soil and ground water treatment. On November 27, 2001, Mr. Pat McCasland of EPI reported on the status and progress in the cleanup. Bill Olson and I arranged to meet Mr. McCasland in Hobbs on December 13th to view the site.

Based on our review of the remediation plan and our discussion with Mr. McCasland, OCD approves the proposed plan with the following conditions.

1. At least four monitoring wells, one more than proposed, shall be installed to delineate areas not yet impacted by the contamination plume. One of the three delineation monitoring wells must be installed southeast of the release area. At least two other monitoring wells will be required in the release area to assess progress of *in-situ* remediation. Thus, a minimum of six monitoring wells is required.
2. No sooner than 24 hours after the wells are developed, ground water from all monitor wells shall be purged, sampled and analyzed for non-aqueous phase liquids (free product) thickness and concentrations of benzene, toluene, ethyl benzene, xylene (BTEX), polycyclic aromatic hydrocarbons, total dissolved solids, and New Mexico Water Quality Control Commission metals and major cations and anions using EPA approved methods and quality assurance/quality control (QA/QC). Thereafter, ground water shall be monitored quarterly for thickness of free product or BTEX in the absence of measurable free product.

3. Soil cleanup levels of 100 ppm Total Petroleum Hydrocarbons (TPH), 50 ppm BTEX, and 10 ppm benzene apply to both those soils above and below the impermeable clay barrier at 15 feet below surface grade (bsg). If you wish to modify soil cleanup levels based upon risk analyses or migration studies, you may apply for modifications of this condition of approval.
4. Soil from the bio-cell shall be sampled and analyzed for TPH and BTEX on a quarterly basis with samples taken at least ten feet bsg at least at ten representative locations in the bio-cell. If you wish to composite these samples, please describe how that will be done to minimize BTEX evaporation.
5. As-built drawings of the free product recovery system be submitted within 30 days of completion of construction, showing locations and depths of wells, types and specifications of pumps, storage, recovery and separation equipment, expected duration and timing of operations, a schedule including estimated date of completion, and so forth. If ground water is to be treated and reintroduced into the subsurface, you will have to apply for a Discharge Permit.
6. As-built drawings of the vapor recovery systems shall be submitted within 30 days of completion of construction of the system, showing details of locations and types of wells and piping, depths of wells and screens, overall layout, volume of air being processed, expected duration and timing of operations, a schedule including estimated date of completion, and so forth.
7. Revised site location and vicinity maps shall be submitted within 30 days of completion of recovery and sparging system construction, showing layout of wells and equipment, and all water supply wells within one mile of the area affected by the release.
8. EOTT shall submit the results of the investigation and initial recovery and abatement operations to the OCD by March 1, 2002 and quarterly thereafter. The reports shall be submitted to the OCD Santa Fe Office with a copy provided to the OCD Hobbs District Office and shall include the following information. OCD encourages electronic submissions of these reports.
 - a. A description of the investigation and abatement activities that occurred.
 - b. A geologic/lithologic log and well completion diagram for each monitor and recovery well.
 - c. A water table map showing the location of the spills, excavated areas, monitor wells, recovery wells, sparging wells, and any other pertinent site features as well as the direction and magnitude of the hydraulic gradient created using the water table elevation from each monitor well.

- d. Isopleth maps for contaminants, including BTEX and free product thickness, observed during the investigations and recovery operations.
 - e. Summary tables of all soil and ground water quality sampling results and copies of all recent laboratory analytical data sheets and associated QA/QC data.
 - f. Summaries of free product recovery operations, including hours and days of operations, volumes of oil and water recovered, thickness of free product in recovery and monitoring wells, and so forth.
 - g. Summaries of vapor recovery operations, including hours and days of operations, concentrations of vapor in exhaust sites, and so forth.
 - h. The disposition of all wastes generated.
9. All wastes generated during the investigation shall be disposed of at an OCD approved facility.

Please be advised that NMOCD approval does not relieve EOTT of liability should the investigation fail to adequately define the extent of contamination, or if contamination exists which is outside the scope of the work plan, or if proposed abatement systems fail to remediate the contamination in a timely manner. In addition, NMOCD approval does not relieve EOTT of responsibility for compliance with any other federal, state or local laws and regulations.

If you have any questions, please contact me at (505) 476-3493 or by email at rbayliss@state.nm.us.

Sincerely,



Randolph Bayliss, P.E.
Hydrologist
Environmental Bureau

xc: Chris Williams, NMOCD Hobbs District Office
Pat McCasland, EPI