

1R - 173

**GENERAL  
CORRESPONDENCE**

**YEAR(S):**

1997 - 2003

**Olson, William**

---

**From:** Johnson, Larry  
**Sent:** Friday, February 14, 2003 4:48 PM  
**To:** Olson, William  
**Subject:** Koch Crouch Station

Not much to see - all vapor recovery equipment and wells are still intact. Appears that they have been idle for a long time.



DCP03238.JPG



DCP03242.JPG



DCP03243.JPG



DCP03246.JPG



DCP03249.JPG



DCP03250.JPG







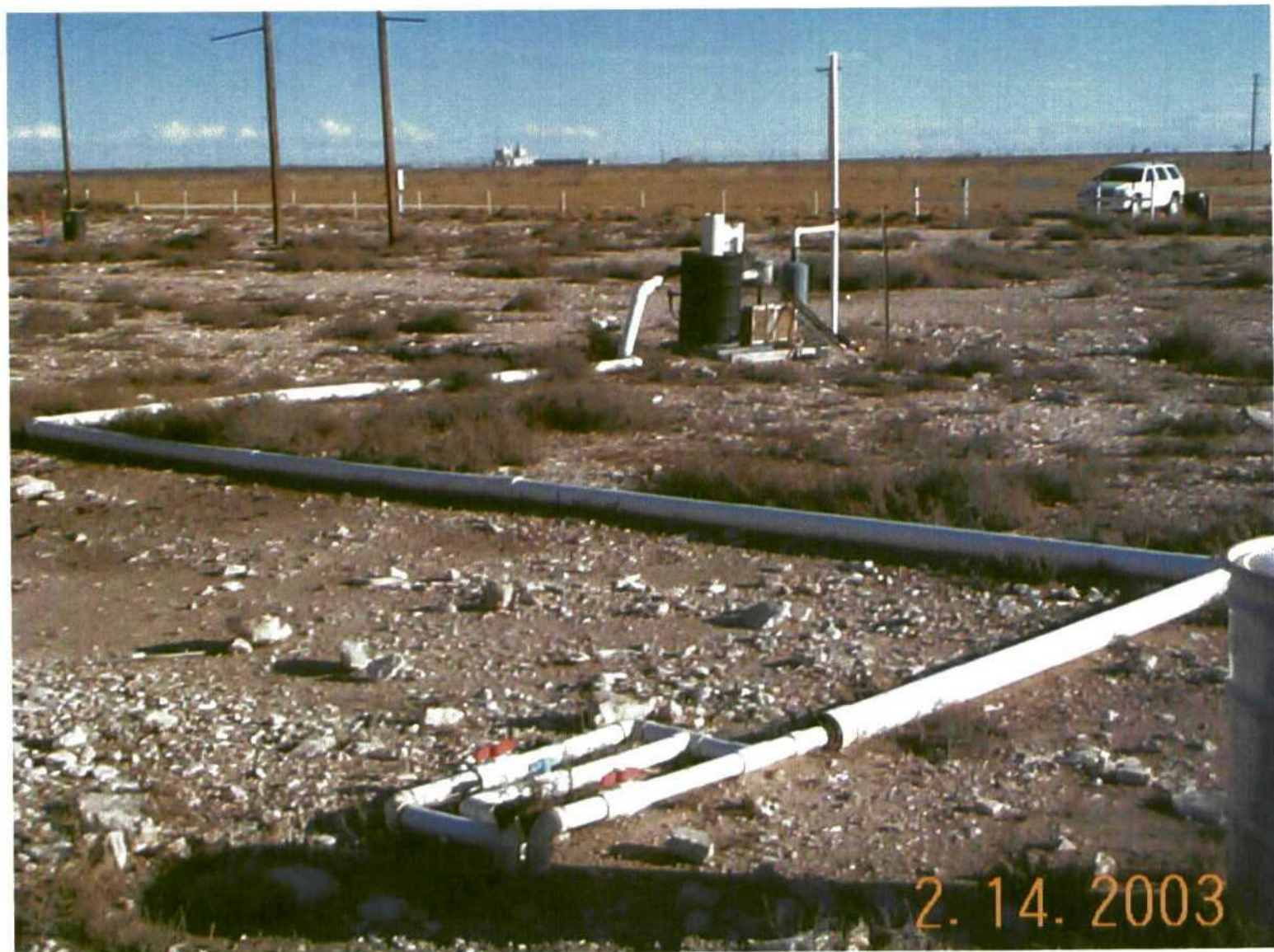


















**Olson, William**

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**From:** Olson, William  
**Sent:** Wednesday, July 24, 2002 3:15 PM  
**To:** 'Rainey, Eric'  
**Subject:** RE: Koch Crouch Station Site

Eric,

The below extension request is approved. If you have any questions, please contact me.

Sincerely,

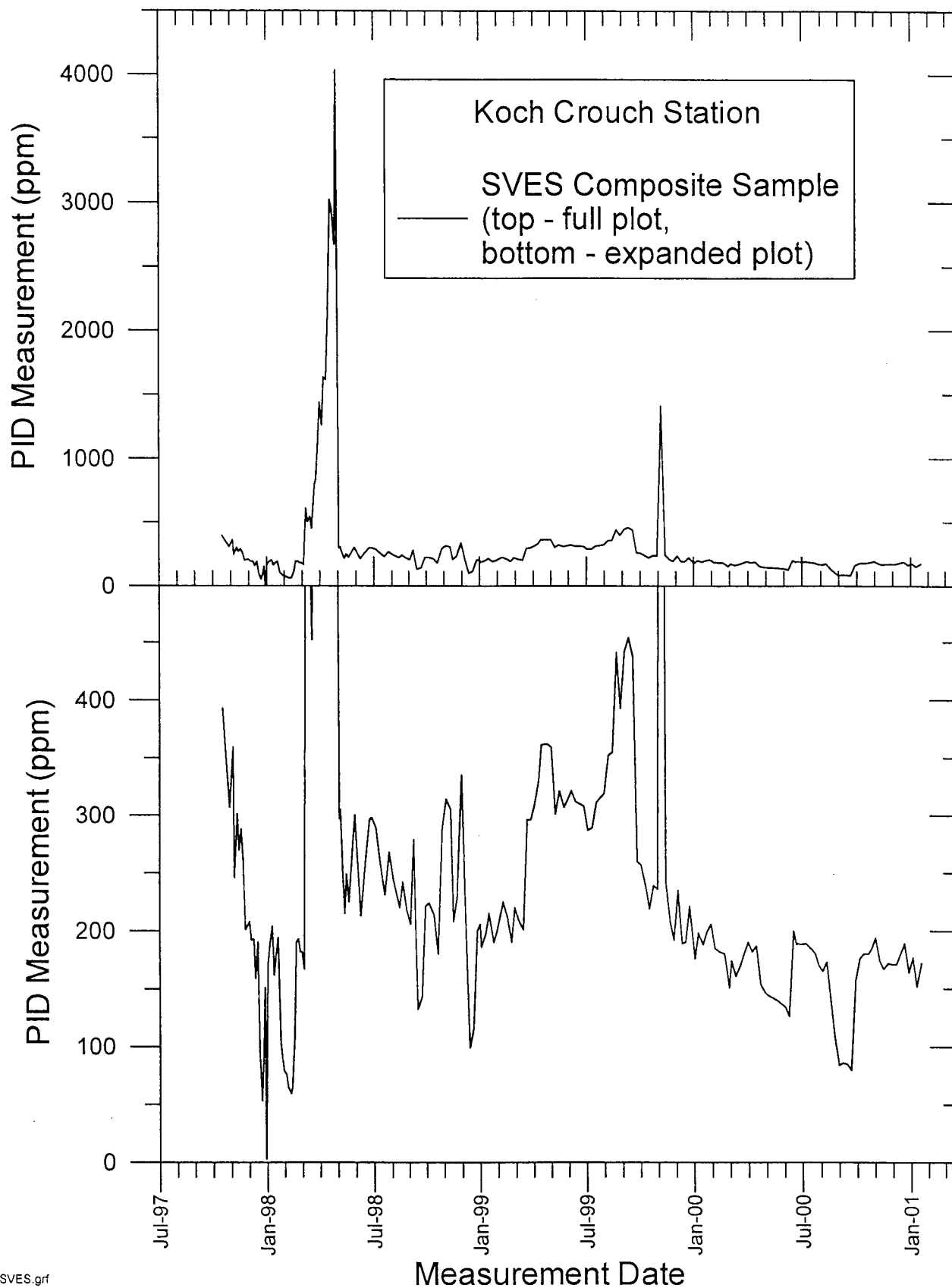
William C. Olson  
New Mexico Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505  
(505) 476-3491  
=====

-----Original Message-----

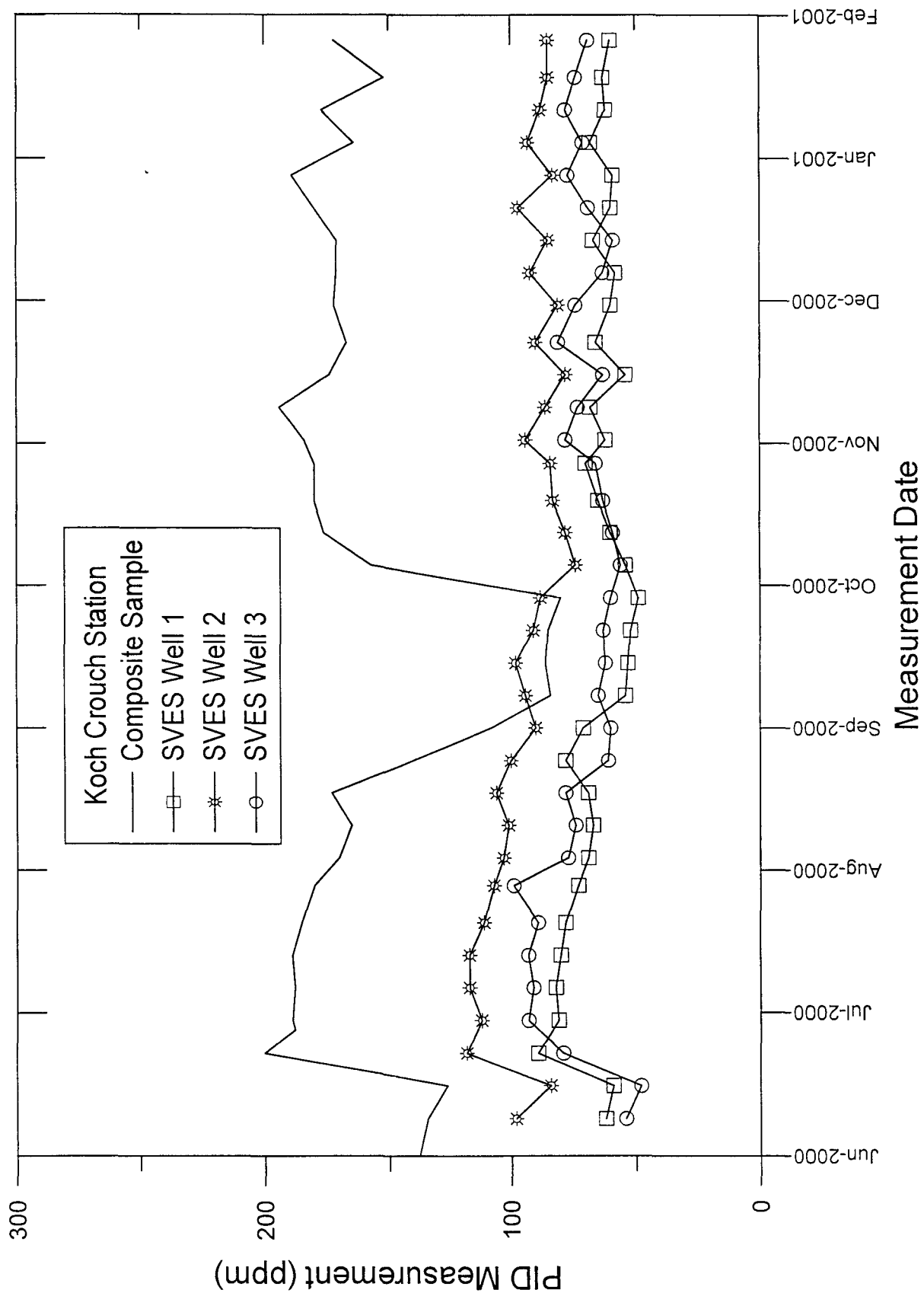
From: Rainey, Eric [mailto:ERainey@arcadis-us.com]  
Sent: Wednesday, July 24, 2002 9:10 AM  
To: 'Bill Olson'  
Cc: Frank VanRyn (E-mail)  
Subject: Koch Crouch Station Site

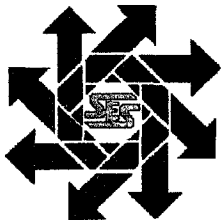
Bill, per our conversation, this e-mail documents our request to extend the due date for the site investigation report at the above referenced site from July 29, 2002 to August 9, 2002. Please call if you have any questions.  
Thanks.

Eric M. Rainey, P.G.  
Business Practice Manager  
Senior Hydrogeologist  
ARCADIS, Inc.  
5100 E. Skelly Dr., Ste. 1000  
Tulsa, OK 74135  
918.664.9900 (office)  
918.664.9925 (fax)  
918.640.5136 (mobile)









P.O. Box 1613  
703 E. Clinton Suite 103  
Hobbs, New Mexico 88240  
505/397-0510  
fax 505/393-4388

## **Safety & Environmental Solutions, Inc.**

September 27, 1999

Mr. Bill Olson  
New Mexico Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

SEP 28 1999

Dear Mr. Olson:

Please find enclosed an original and copy of the semi annual Monitor Well Report for the Monitor wells at Koch Crouch Station in Lea County, New Mexico as required by the New Mexico Oil Conservation Division letter dated September 14, 1999.

The information in this report will be included in the annual Monitor Well report due in April 2000.

If you have any questions please don't hesitate to call. Thank you.

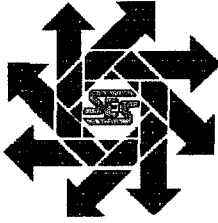
Sincerely,

Beth Aldrich

Enclosures

Cc: Cody Greenfield  
Donna Williams



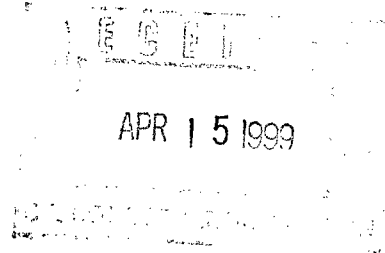


P.O. Box 1613  
703 E. Clinton Suite 103  
Hobbs, New Mexico 88240  
505/397-0510  
fax 505/393-4388

## **Safety & Environmental Solutions, Inc.**

March 29, 1999

Mr. Bill Olsen  
New Mexico Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505



Dear Bill:

Please find enclosed the annual report for Koch Hydrocarbon Company for the Crouch Station site. A copy has also been sent to the NMOCD office in Hobbs, NM. If you have any questions, please contact our office. Thank you.

Sincerely,

Beth Aldrich

Cc: NMOCD – Hobbs, NM  
Cody Greenfield, Koch Hydrocarbon Company



KOCH HYDROCARBON COMPANY

June 5, 1998

RECEIVED

JUN 08 1998

Mr. Bill Olsen  
New Mexico Oil Conservation Division  
2040 South Pacheco  
Sante Fe, NM 87505

ENVIRONMENTAL BUREAU  
OIL CONSERVATION DIVISION

Re: **Koch Pipeline Company - Crouch Station  
Groundwater Investigation Report**

Dear Mr. Olsen:

Enclosed please find an original and a copy of the *Groundwater Investigation Report* concerning the monitor wells installed at the Koch Crouch Station in Lea County, New Mexico as required by the New Mexico Oil Conservation Division in a letter dated April 15, 1998.

Once you've had the opportunity to review the report and the proposed abatement plan, please forward your comments to my attention at your convenience.

If you have any questions or need any additional information, please contact me at (580) 395-6309.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Cody Greenfield'.

Cody Greenfield  
Compliance Manager

Enclosures

cc: Safety & Environmental Solutions, Inc.





STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO  
SANTA FE, NEW MEXICO 87505  
(505) 827-7131

March 4, 1998

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-235-437-241**

Mr. Cody Greenfield  
Koch Hydrocarbons  
P.O. Box 29  
Medford, Oklahoma 73759

**RE: GROUND WATER INVESTIGATION PLAN  
CROUCH STATION**

Dear Mr. Greenfield:

The New Mexico Oil Conservation Division (OCD) has reviewed Koch Pipeline Co.'s (KOCH) February 5, 1998 "KOCH PIPELINE CO., L.P. CROUCH STATION, WORK PLAN INSTALLATION OF MONITOR WELL, LEA COUNTY, NEW MEXICO" which was submitted on behalf of KOCH by their consultant Safety & Environmental Solutions, Inc. This document contains KOCH's plan for installation of an additional monitor well to delineate the extent of ground water contamination related to the Crouch Crude Pump Station.

The OCD has the following comments regarding the above referenced document:

1. The OCD does not believe that one downgradient monitor well will be sufficient to determine the downgradient extent of contamination nor the direction of the hydraulic gradient at the site.
2. Due to the potential for contamination from upgradient sources, the work plan should also provide for installation of an upgradient monitoring well.
3. The OCD requires that ground water from all monitor wells at a site be initially sampled and analyzed for benzene, toluene, ethylbenzene, xylene (BTEX); polynuclear aromatic hydrocarbons (PAH), New Mexico Water Quality Control Commission (WQCC) metals; total dissolved solids (TDS); and major cations and anions using EPA approved methods and quality assurance/quality control (QA/QC).

**NOTE:** For your information the WQCC does not have a standard for total petroleum hydrocarbons (TPH) in ground water. Therefore, the OCD does not require that KOCH analyze ground water samples for TPH.

Mr. Cody Greenfield  
March 4, 1998  
Page 2

The OCD requires that KOCH resubmit a ground water investigation work plan which addresses the above comments. The work plan will be submitted to the OCD Santa Fe Office by April 3, 1998 with a copy provided to the OCD Hobbs District Office.

If you have any questions, please call me at (505) 827-7154.

Sincerely,



William C. Olson  
Hydrologist  
Environmental Bureau

xc: Wayne Price, OCD Hobbs District Office  
Bob Allen, Safety & Environmental Solutions, Inc.

PS Form 3800, April 1995

Z 235 437 241

US Postal Service  
**Receipt for Certified Mail**  
No Insurance Coverage Provided.  
Do not use for International Mail (See reverse)

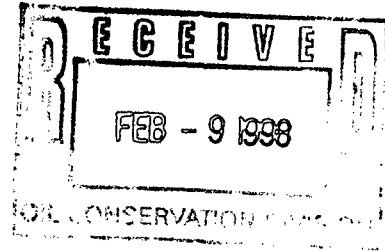
Sent to	
Street & Number	
Post Office, State, & ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

# Safety & Environmental Solutions, Inc.

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February 5, 1998

Mr. William Olson  
New Mexico Energy, Minerals and Natural Resources Dept.  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505



Dear Mr. Olson:

Safety and Environmental Solutions, Inc. was contracted by Koch Operations Group for the Ground Water Investigation at the Koch Pipeline Co. L.P.'s Crouch Station. On behalf of the Koch Operations Group, please find enclosed the proposed Work Plan for an additional monitor well at the site.

If you have any questions, or I can be of further service, please call.

Sincerely,

Bob Allen  
President

BA/baa

xc: Dana Mourning, Koch Operations  
Paul Holland, Koch Pipeline  
Wayne Price, OCD Hobbs District Office

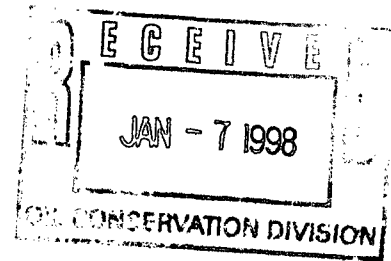
**FAXED**  
12/6/97

**K KOCH**

KOCH OPERATIONS GROUP

ENVIRONMENTAL SERVICES

December 6, 1997



Mr. William C. Olson  
State of New Mexico  
Oil Conservation Division (NMOCD)  
2040 S. Pacheco  
Santa Fe, NM 87505

RE: Extension Request  
Koch Pipeline Company, L.P. (Koch)  
Crouch Station

Dear Mr. Olson:

Due to the same circumstances as the letter submitted on 10/10/97, Koch is requesting an additional two month extension in lieu of an on-going business transaction. A buyer is researching an interest of assuming environmental liability (including the requested monitor well(s), etc.) whereby they would propose a work plan to the NMOCD for the additional activities. Negotiations are still on-going and no final agreement has been reached. In addition, since soil vapor extraction (SVE) remediation is on-going and the site is located in oilfield production and pastureland areas, with the nearest residence approximately 1/2 mile away, potential threat to health and the environment is minimal. A written response following your verbal agreement would be appreciated. Please call me at (316) 828-6960 if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Dana Mourning".

Dana Mourning  
Environmental Engineer  
KOG Environmental Services

cc: Paul Holland, Koch Pipeline Co., L.P.  
Tim Purcell, Koch Industries  
Sara Herringer, Koch Pipeline Co., L.P.  
Craig Galloway, Koch Pipeline Co., L.P.





KOCH OPERATIONS GROUP

ENVIRONMENTAL SERVICES

October 10, 1997

Mr. William C. Olson  
State of New Mexico  
Oil Conservation Division (NMOCD)  
2040 S. Pacheco  
Santa Fe, NM 87505

RE: Extension Request  
Koch Pipeline Company, L.P. (Koch)  
Crouch Station

Dear Mr. Olson:

In response to our discussion earlier this morning, Koch is requesting a two month extension in lieu of an on-going business transaction. A buyer is researching an interest of assuming environmental liability (including the requested monitor well(s), etc.) whereby they would propose a work plan to the NMOCD for the additional activities. In addition, since soil vapor extraction (SVE) remediation is on-going and the site is located in oilfield production and pastureland areas, with the nearest residence approximately ½ mile away, potential threat to health and the environment is minimal. A written response following your verbal agreement would be appreciated. Please call me at (316) 828-6960 if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads 'Dana Mourning'.

Dana Mourning  
Environmental Engineer  
KOG Environmental Services

cc: Paul Holland, Koch Pipeline Co., L.P.  
Tim Purcell, Koch Industries



KOCH OPERATIONS GROUP

ENVIRONMENTAL SERVICES

August 22, 1997

Mr. William C. Olson  
State of New Mexico  
Oil Conservation Division  
2040 S. Pacheco  
Santa Fe, New Mexico 87505

RE: Koch Pipeline Company, L.P. (Koch)  
Crouch Station

Dear Mr. Olson:

In response to your letter dated August 14, 1997 I followed up with a phone call to you earlier this morning. As we discussed, Koch is requesting an extension on the September 30, 1997 deadline for a work plan submittal which addresses the extent of groundwater contamination. Please extend the deadline to October 31, 1997.

Currently, Koch is in the process of submitting a Notice of Intent to Mr. Richard Goodyear at the New Mexico Environmental Department, Air Quality Bureau, to operate the soil vapor extraction (SVE) system at the site. Upon written approval, the SVE system will be started and operational.

A written extension would be appreciated. Please call me at (316) 828-6960 if you have any other questions.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Dana Kuchenbecker'.

Dana Kuchenbecker  
Environmental Engineer  
KOG Environmental Services

cc: Wayne Price, NMOCD  
Sheridan Swords, Koch Pipeline Company, L.P.  
Bernie Bockish, Western Technologies



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO  
SANTA FE, NEW MEXICO 87505  
(505) 827-7131

August 14, 1997

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-410-431-208**

Ms. Dana Kuchenbecker  
Koch Operations Group  
P.O. Box 2256  
Wichita, Kansas 67201

**RE: GROUND WATER CONTAMINATION  
CROUCH STATION**

Dear Ms. Kuchenbecker:

The New Mexico Oil Conservation Division (OCD) has reviewed Koch Operations Group's (KOCH) June 17, 1997 "NOTIFICATION OF GROUNDWATER IMPACT, KOCH PIPELINE CO. L.P.'S CROUCH STATION". This document contains notification of the discovery of ground water contamination from a crude oil leak at KOCH's Crouch Station and a summary of the investigation actions conducted to date.

A review of the above referenced document shows that the extent of ground water contamination at the site has not been determined. Therefore, the OCD requires that KOCH submit for approval a ground water investigation work plan to completely determine the extent of ground water contamination related to KOCH's activities. The work plan will be submitted to the OCD Santa Fe Office by September 30, 1997 with a copy provided to the OCD Hobbs District Office.

If you have any questions, please call me at (505) 827-7154.

Sincerely,

William C. Olson  
Hydrogeologist  
Environmental Bureau

xc: Chris Williams, OCD Hobbs District Supervisor  
Wayne Price, OCD Hobbs District Office



KOCH OPERATIONS GROUP

ENVIRONMENTAL SERVICES

June 17, 1997

Mr. Roger Anderson  
Environmental Bureau Chief  
New Mexico Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

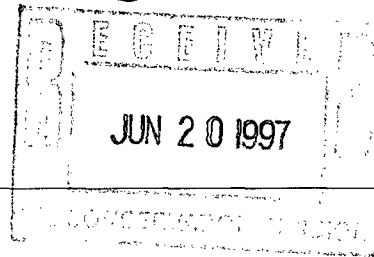
RE: Notification of Groundwater Impact  
Koch Pipeline Co. L.P.'s Crouch Station

Dear Mr. Anderson:

I am following up with written notification and a summary of activities as you requested from our conversation on 6/13/97. On 6/13/97 I called and notified you of groundwater impact at the above referenced site after obtaining lab analysis, as requested by Wayne Price of NMOCD. Mr. Price has been involved with the project from the beginning.

On October 16, 1996 a leak occurred in the crude oil pipeline connected to the storage tanks at Crouch Station, inside the berm. The NMOCD was notified and Mr. Wayne Price responded to the call. The product was contained inside the berm and a vacuum truck was used to recover the oil. In addition, approximately the top foot of soil inside the berm was excavated and placed on a lined cell on-site. The soil was then disposed of at a state-approved disposal facility, Gandy & Marley. Safety and Environmental Solutions (SES) used a drill rig to horizontally and vertically delineate the impacted area. The report written by SES is enclosed.

I then spoke with Mr. Wayne Price about addressing the contamination remaining at the site. The contamination was limited to the vicinity directly where the leak occurred. A soil vapor extraction system (SVE) was proposed and agreed upon. A work plan was drafted and submitted to Mr. Price for approval. He accepted the work plan with a minor change and additional comments. Mr. Price requested that a monitor well (MW-1) be installed just outside the berm to determine if groundwater had been impacted. Both the work plan and his addendums are enclosed.





Western Technologies was hired to design the SVE system and install the monitor well. On April 22, 1997 field activities were initiated. The monitor well was installed with Mr. Price and myself on-site during the installation. The photoionization detection instrument (PID) did not detect vapors in any of the samples. In addition, no staining, smell, or sheen was observed on any of the cores, or in the groundwater sample. An air inlet well boring was installed, but converted to a monitor well (MW-2) due to the depth and the presence of vapors. However, due to the weather, field activities were ended and MW-2 could not be sampled. The lab analysis from MW-1 revealed the presence of benzene and gasoline range organics (GRO) but did not detect any diesel range organics (DRO). I called Mr. Price on May 12, 1997 to discuss the results with him. Typically, crude oil is most appropriately characterized by the DRO test and does not contain high levels of benzene. As I mentioned above, the lab results indicated just the opposite. I requested to resample MW-1 to verify that the groundwater indeed was impacted prior to notifying the Environmental Bureau Chief, Roger Anderson. Mr. Price agreed to resampling the MW-1.

Field activities commenced and were completed during the week of May 19-23, including sampling of both monitor wells. The SVE pilot study was conducted and 1 air sample was collected. Permission to conduct the pilot study was granted by Mr. Satya Neelakantan of the Air Quality Bureau on 5/22/97. I reviewed the laboratory results on 6/13/97 and notified Mr. Price by telephone of the results and then notified the Mr. Anderson by telephone the same day. All of the laboratory results are included.

Currently, the SVE system is not operating due to exhaust emissions calculated from the pilot study. I am working with Mr. Neelakantan to address this issue. I have proposed a slight modification of the system to him, so that an air permit will not have to be issued. I have stressed the importance of time so that the remediation process may begin. I will notify you after I receive a reply from the Air Quality Bureau.

Please call me at (316) 828-6960 if you have any questions.

Sincerely,



Dana Kuchenbecker  
Environmental Engineer  
KOG Environmental Services

Enclosures: SES Report  
Work Plan prepared by Koch Environmental Services  
Addendums to Work Plan from Mr. Price  
Laboratory results  
Correspondence to Air Quality Bureau

cc: Paul Holland, Koch Pipeline Co., L.P., 2121 French Drive, Hobbs, NM 88241  
Bernie Bockish, Western Technologies, 8305 Washington Place, N.E. Albuquerque, NM 87113  
Wayne Price, NMOCD District Office, P.O. Box 1980, Hobbs, NM 88241-1980



**Western  
Technologies  
Inc.**

The Quality People

May 19, 1997

8305 Washington Place, N.E.  
Albuquerque, New Mexico 87113  
(505) 823-4488 • fax 821-2963

New Mexico Environment Department  
Air Quality Bureau  
P.O. Box 26110  
Santa Fe, NM 87502

Attn: Mr. Satya Neelakantan

Re: Notice of Intent To Perform  
A Soil Vapor Extraction Pilot Study  
Section 18, Township 18S, Range 36E  
Crouch Station  
Near Hobbs, New Mexico

WT Reference No. 3287JX124

OK  
On behalf of Koch Pipeline L.P., Western Technologies, Inc. (WT) is requesting permission to perform a soil vapor extraction (SVE) pilot study at the above mentioned site. WT is performing this pilot study to assist with the clean-up at a crude oil release site. The site clean-up is under the jurisdiction of the New Mexico Oil Conservation Division (NMOCD). Wayne Price of the NMOCD is currently handling the site.

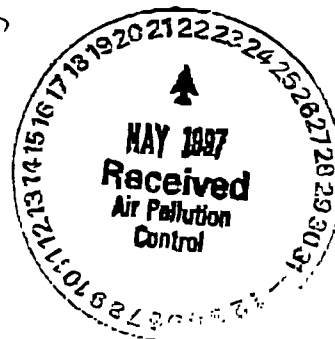
Soil vapor extraction is the method of removing petroleum hydrocarbon vapors from the soil by applying a vacuum to the subsurface. These vapors are brought to the surface through this process and diluted with air. WT intends to connect a vacuum blower to a vapor extraction well which will be located on site. The SVE system will be operated at an air flow rate of approximately 100 to 150 CFM and a vacuum of approximately 10 inches of mercury. This test will be operated for approximately 4 to 8 hours and, if effective, will be used as the full scale reclamation system.

Due to the nature of crude oil, it is expected that less than 10 pounds per hour of total petroleum hydrocarbon (TPH) emissions will be produced. WT intends on collecting an air sample from the stack of the system and having it analyzed for benzene, toluene, ethylbenzene, xylene (BTEX), and TPH by NIOSH Method 1501. Upon completion of the pilot study, WT will shut the system off until the laboratory analytical results are obtained. WT will calculate the emissions produced from the SVE system from the laboratory analytical results. Once it is determined that the emissions are below 10 pounds per hour, WT intends to restart the SVE system on a full-time basis. WT will follow up with a letter indicating the pilot test results.

Please send me  
results as soon as  
you get them.

— Satya Neel  
5/22/97

May 22 1997  
(505) 827-1523 Satya  
Fax #



Air Quality Bureau  
WT Reference No. 3287JX124

WT intends to begin the pilot study on May 22, 1994. Written approval via fax is requested by May 20, 1997. Should you have any questions or require further assistance, please feel free to call me at (505) 823-4488.

Sincerely,  
WESTERN TECHNOLOGIES INC.  
Environmental Services

  
Bernard F. Bockisch,  
Project Manager

  
Kenneth E. Hunter,  
Director of Environmental Services

cc: Addressee (1)  
Ms. Dana Kuchenbecker, Koch Pipeline L.P (1)



KOCH OPERATIONS GROUP  
PROPERTY ASSESSMENT AND RESTORATION

## FACSIMILE TRANSMISSION

To: NMOLD  
Company: Wayne Price  
Fax Number: (505) 393-0720  
From: Dana Kuchenbecker Ext. 6960  
Koch Operations Group  
P.O. Box 2256, Wichita, KS 67201  
Fax No. (316) 828-8000  
4111 E 37th St N  
Wichita, KS 67226  
Date: 4/17/97  
RE: Monitor well setting  
Pages: (2) including cover sheet

- ☒ Urgent, hand deliver within 10 minutes  
☐ Priority, deliver within 60 minutes  
☐ Routine

Please call Lisa Little at (316) 828-8584 if there is a problem receiving this fax.

### Comments:

This is what Western Technologies has written up.  
Please call me tomorrow (Friday) if you have any  
comments on using this technology. Otherwise,  
drilling is expected to begin on Monday. I will call  
you if things are not going to begin on Monday.  
activities Thanks, Dana



WESTERN TECHNOLOGIES INC.  
ALBUQUERQUE NM - FACSIMILE TRANSMITTAL  
PHONE (505) 823-4488 • FAX (505) 821-2963  
• CALL IF TRANSMISSION PROBLEMS OCCUR •

TO: Ms. Dana Kuchenbecker FROM: Ron Weaver for D. Backisch.  
COMPANY: KOG Environmental Services NO. PAGES: 2  
LOCATION: Wichita, KS FAX NO: 1 (316) 828-8000  
MESSAGE:

Here is the information you asked Bernie to provide.  
If you need additional assistance, call me or  
Bernie @ (505) 823-4488.

- WT recommends using a pre-packed screen for the monitoring well. The screen will be 0.010 machine slotted and packed on site with clean 10/20 silica sand. WT recommends using this pre-packed screen due to the speed and ease of setting the well. This type of screen insures that a good sand pack is in place and negates the problems of bridging between the well screen and inside of the auger. Use of the pre-packed screen also reduces the problems associated with heaving sands.

WT will use 15 feet of this screen which will be placed ten feet below and five feet above the water table. Additional sand will be placed approximately two feet above the screen. WT will use a three-foot thick bentonite seal above the sand using powdered bentonite. The remainder of the boring annulus will be completed with cement grout to within six inches of ground surface.

- The ground water monitoring well will be developed by hand bailing the well until turbidity is reduced and the parameters of pH, temperature, and conductivity are stabilized. This should insure that fresh aquifer water has entered the well. WT will collect the ground water sample after these parameters have stabilized.



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KOCH TRANSPORTATION AND OPERATIONS SERVICES

ENVIRONMENTAL SERVICES

March 21, 1997

Mr. Wayne Price  
New Mexico Oil Conservation Division (NMOCD)  
P.O. Box 1980  
Hobbs, NM 88241-1980

RE: Site Map for Crouch Station

Dear Mr. Price:

Enclosed is a site map of Crouch Station as was requested by you in your February 23, 1997 letter. I hand wrote the approximate site boundaries as given by Koch field personnel on the site map. I will be in contact with you in the near future to inform you of the planned activities which will take place.

Please feel free to contact me with any questions.

Sincerely,

A handwritten signature in cursive script, reading "Dana Kuchenbecker".

Dana Kuchenbecker  
Environmental Engineer  
KOG Operations Group

Enclosure.