

3R - 355

**GENERAL
CORRESPONDENCE**

YEAR(S):

1995-1994

ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

NEW MEXICO DEPARTMENT OF
CONSERVATION DIVISION
RECEIVED

1995 FEB 16 AM 8 52

February 10, 1995

Mr. Paul Eby
Santa Fe Pacific Gold Corporation
P.O. Box 27019
Albuquerque, New Mexico 87125

Re: Request for Core Sample Data
Santa Fe Pacific Gold No. 1

Dear Paul,

Gary Simpson of Santa Fe Pacific Gold had a core rig drill into the bedrock under the earthen pit at the Santa Fe Pacific Gold No. 1. Sandstone was encountered at approximately 6.5 feet below ground surface. This sandstone interface was a soft permeable layer that reportedly was stained blue-gray to black in the top approximately 6 to 10 inches. Under this top interface zone, the sandstone changed to a competent bedrock.

Two (2) continuous core samples were obtained and forwarded to Envirotech's Laboratory for Total Petroleum Hydrocarbon (TPH) analysis by USEPA method 418.1. As per the attached Laboratory results forwarded to the attention of Gary Simpson, the TPH values for 10 feet below ground surface were near non detectable.

<u>Core No.</u>	<u>Sample Interval</u>	<u>TPH Results</u>
2	10-12 feet	18 ppm
2	12-14 feet	NON Detectable
3	8-10 feet	332 ppm
3	10-12 feet	NON Detectable
3	12-14 feet	NON Detectable

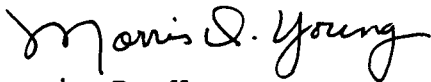
These results confirm that any migration from the pit was confined to the sandstone bed interface and has not migrated beyond the competent sandstone.

Every effort was made to remove as much of the softer interfacial material as was practical with a trackhoe.

As per your request, we are sending a copy of this correspondence and the test results to Mr. William C. Olsen of New Mexico Oil Conservation Division.

Envirotech appreciates the opportunity we have had to work with you on this well site closure. If we can provide any additional information or in any other way be helpful, please contact us.

Sincerely,

A handwritten signature in cursive script that reads "Morris D. Young". The signature is written in dark ink and is positioned above the typed name.

Morris D. Young
President
MDY/cj532

CC: William C. Olsen Hydrogeologist, NMOCD

State of New Mexico
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
Santa Fe, New Mexico 87505



OIL CONSERVATION DIVISION
2040 S. Pacheco St.
Santa Fe, New Mexico 87505



February 3, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. P-667-242-208

Mr. Paul Eby
Santa Fe Pacific Gold Corporation
P.O. Box 27019
Albuquerque, New Mexico 87125

RE: PIT CLOSURE
SANTA FE NO. 1 WELL SITE

Dear Mr. Eby:

The New Mexico Oil Conservation Division (OCD) is in receipt of Santa Fe Pacific Gold Corporation's (SFPGC) December 6, 1994 "FINAL CLOSURE REPORT, SANTA FE PACIFIC GOLD CORP., SANTA FE NO. 1" which was submitted on behalf of SFPGC by Envirotech, Inc. This document contains the results of SFPGC's remedial actions at the Santa Fe #1 well site in SE/4 SW/4, Section 9, T19N, R6W NMPM.

The remedial actions taken to date appear satisfactory. However, prior to the OCD issuing final closure approval of the remedial actions, the OCD requests that SFPGC provide the bedrock core information which is referenced in the above report.

Submission of the above requested information will allow the OCD to complete a review of this document.

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

Sincerely,

A handwritten signature in cursive script, appearing to read "Will C. Olson".

William C. Olson
Hydrogeologist
Environmental Bureau

xc: OCD Aztec Office
Jim Walker, Navajo EPA
Michael J. Pool, BLM Farmington District Office

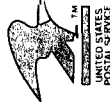
VILLAGRA BUILDING - 408 Galisteo
Forestry and Resources Conservation Division
P.O. Box 1948 87504-1948
827-5830
Park and Recreation Division
P.O. Box 1147 87504-1147
827-7465

2040 South Pacheco
Office of the Secretary
827-5950
Administrative Services
827-5925
Energy Conservation & Management
827-5900
Mining and Minerals
827-5970
Oil Conservation
827-7131

P 667 242 208

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PS Form 3800, June 1990

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ENVIROTECH INC.

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

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FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

December 6, 1994

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DEC 09 1994

OIL CONSERVATION DIV.
SANTA FE

Ms. Sadie Hoskie
Director
Navajo EPA
P.O. Box 339
Window Rock, Arizona 86515

Re: Final Closure Report
Santa Fe Pacific Gold Corp.
Santa Fe No. 1

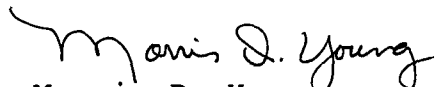
Dear Ms. Hoskie,

Envirotech Inc., on behalf of Santa Fe Pacific Gold Corp., has completed the Remediation and excavation work as set forth in the Pit Closure Plan of September 16, 1994 for the Santa Fe No. 1 Separator pit site and its associated surface spill clean-up.

Enclosed is your copy of the above referenced report. A copy of NMOCD Sundry Notice is enclosed in Appendix D of the report.

Please contact either Jack Collins of Envirotech Inc. at 505-632-0615 or Paul Eby with Santa Fe Pacific Gold at 505-880-5389 if we can provide any additional information or in any way be helpful.

Sincerely,


Morris D. Young
President
MDY/cjc

cc/report: Jim Walker - Navajo EPA
James Miles - BIA
Don Ellsworth - BLM
Denny Foust - NMOCD
Bill Olsen - NMOCD
Paul Eby - Santa Fe Gold

ENVIROTECH INC.

OIL CONSERVATION DIVISION
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UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

October 20, 1994

Ms. Sadie Hoskie
Director
Navajo EPA
P.O. Box 339
Window Rock, Arizona 86515

Re: Remediation and Excavation
Santa Fe Pacific Gold Corporation
Santa Fe No. 1

Dear Ms. Hoskie,

Envirotech, Inc. will proceed with mobilization for the remediation and excavation of contaminated soils on the Santa Fe Pacific No. 1 well site on October 24, 1994. Actual excavation work will start October 25, 1994.

Approval has been received by Santa Fe Pacific Gold Corporation from your office to start the remediation process.

We appreciate the opportunity to be of assistance on this matter.

Sincerely,

Morris D. Young

Morris D. Young
President
MDY/cj518

cc: Jim Walker - Navajo EPA
Don Ellsworth - BLM
James Miles - BIA
Denny Foust - NMOCD
Bill Olsen - NMOD

THE NAVAJO NATION

NAVAJO ENVIRONMENTAL PROTECTION ADMINISTRATION
PUBLIC WATER SYSTEMS SUPERVISION PROGRAM
P.O. BOX 339 WINDOW ROCK, AZ 86515
PH(602)871-7752, 7753 FAX(602)871-7599

P. O. BOX 308 • WINDOW ROCK, ARIZONA 86515 • (602) 871-4041

PETERSON ZAH
PRESIDENT

MARSHALL PLUMMER
VICE PRESIDENT

October 6, 1994

Paul Eby
Santa Fe Pacific Gold Corporation
P.O. Box 27019
Albuquerque New Mexico 87125

Re: Pit Closure Plan Acceptance
Santa Fe No. 1, Hospah Coal Company
SE/4, SW/4 Sec 9, T19N, R6W, McKinley County, New Mexico

Dear Mr. Eby:

The Navajo Environmental Protection Agency has completed a review of the unlined pit closure plan submitted by Envirotech Inc. for Santa Fe Pacific Gold Corporation.

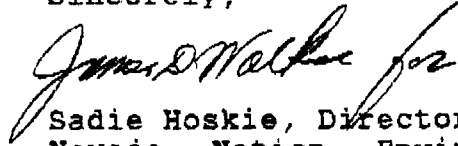
The plan has been accepted and approved with the conditions specified by the Navajo EPA listed below and the enclosed stipulations:

1. Submit to Navajo EPA all closure plans, notices, and reports for remedial and closure actions required under the BLM/Navajo EPA Unlined Surface Impoundments Closure Guidelines. Related correspondence submitted to BLM, NMOCD, and BIA shall be provided concurrently to Navajo EPA, Shiprock office (Attn. Jim Walker).
2. Navajo EPA must be notified by the operator of any site assessment, remediation, and closure activity on Navajo lands scheduled by the operator. Notification shall be at least 48 hours in advance of any planned operation so that a Navajo EPA inspector can arrange to witness and monitor these activities.

This approval does not relieve the operator of any environmental liability or responsibility for compliance with Federal, Tribal, State, local laws, regulations or conditions of approval in said letter. This approval does not constitute approval on any non-Navajo lands.

If you have any questions, please contact Jim Walker of my staff at (505) 368-1040.

Sincerely,



Sadie Hoskie, Director
Navajo Nation Environmental
Protection Agency

enclosure

cc: James Miles, Farmington Indian Minerals Office, BIA
Jim Walker, Navajo EPA, Shiprock Field Office
Anna Marie Cook, US EPA Region IX, (W-6-3)

ENVIROTECH[®] INC.

04103

UNDERGROUND TANK TESTING • SITE ASSESSMENT • SITE REMEDIATION

5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

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FEB 16 1995

Environmental Bureau
Oil Conservation Division

August 31, 1994

Mr. Gary Simpson
Santa Fe Pacific Gold Corporation
P.O. Box 27019
Albuquerque, New Mexico 87125

Re: Laboratory Analysis Results
Core Samples - Separator Pit
Santa Fe # 1 well site

Dear Mr. Simpson,

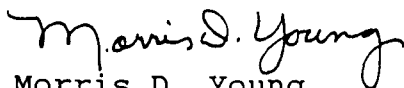
Attached please find the laboratory analysis results of the core samples that Santa Fe Pacific Gold obtained from borings in the separator pit at the Santa Fe No. 1 well site.

As per the attached analysis, at approximately 10 feet below ground surface the Total Petroleum Hydrocarbon concentration appears to be at or near non-detectable ranges in the two borings sampled.

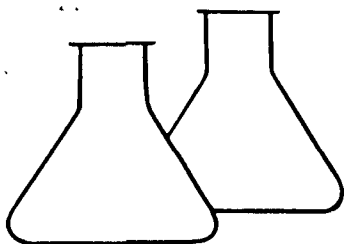
The analysis was performed by Rex Griffin, Laboratory Manager.

If we can provide any additional information please contact us at 505-632-0615.

Sincerely,



Morris D. Young
President
MDY/cj504



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Santa Fe Gold	Project #:	04103
Sample ID:	#2 10 - 12	Date Sampled:	03-01-94
Laboratory Number:	7852	Date Received:	08-29-94
Sample Matrix:	Soil	Date Analyzed:	08-29-94
Preservative:	Cool	Date Reported:	08-31-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter -----	Concentration (mg/kg) -----	Det. Limit (mg/kg) -----
Total Petroleum Hydrocarbons	18	15.0

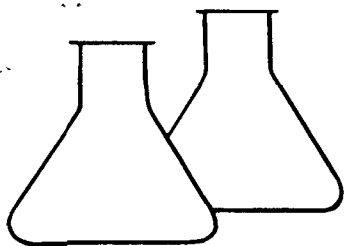
ND = Parameter not detected at the stated detection limit.
N/A = Not applicable

Method: Method 418.1, Petroleum Hydrocarbons, Total
Recoverable, Chemical Analysis of Water and
Waste, USEPA Storet No.4551, 1978

Comments: Santa Fe # 1

Rex L. Griffin
Analyst

Morris D. Young
Reviewer



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EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Santa Fe Gold	Project #:	04103
Sample ID:	#2 12 - 14	Date Sampled:	03-01-94
Laboratory Number:	7853	Date Received:	08-29-94
Sample Matrix:	Soil	Date Analyzed:	08-29-94
Preservative:	Cool	Date Reported:	08-31-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----	-----	-----
Total Petroleum Hydrocarbons	ND	15.0

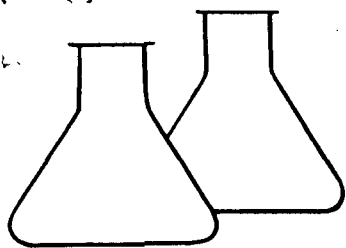
ND = Parameter not detected at the stated detection limit.
N/A = Not applicable

Method: Method 418.1, Petroleum Hydrocarbons, Total
Recoverable, Chemical Analysis of Water and
Waste, USEPA Storet No.4551, 1978

Comments: Santa Fe # 1

Roy L. Hoffman
Analyst

Morris D. Young
Review



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EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Santa Fe Gold	Project #:	04103
Sample ID:	#3 8 - 10	Date Sampled:	03-01-94
Laboratory Number:	7854	Date Received:	08-29-94
Sample Matrix:	Soil	Date Analyzed:	08-29-94
Preservative:	Cool	Date Reported:	08-31-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----	-----	-----
Total Petroleum Hydrocarbons	332	15.0

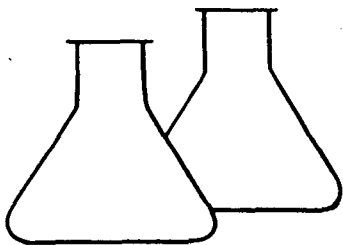
ND = Parameter not detected at the stated detection limit.
N/A = Not applicable

Method: Method 418.1, Petroleum Hydrocarbons, Total
Recoverable, Chemical Analysis of Water and
Waste, USEPA Storet No.4551, 1978

Comments: Sante Fe # 1

Ray L. Lauffin
Analyst

Morris D. Young
Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
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EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Santa Fe Gold	Project #:	04103
Sample ID:	# 3 10 - 12	Date Sampled:	03-01-94
Laboratory Number:	7855	Date Received:	08-29-94
Sample Matrix:	Soil	Date Analyzed:	08-29-94
Preservative:	Cool	Date Reported:	08-31-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----	-----	-----
Total Petroleum Hydrocarbons	ND	15.0

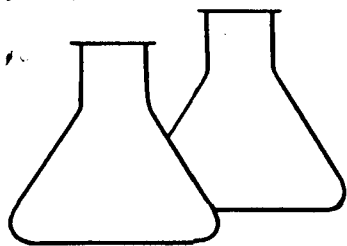
ND = Parameter not detected at the stated detection limit.
N/A = Not applicable

Method: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments: Santa Fe # 1

Rex L. Deffner
Analyst

Morris D. Young
Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Santa Fe Gold	Project #:	04103
Sample ID:	# 3 12 - 14	Date Sampled:	03-01-94
Laboratory Number:	7856	Date Received:	08-29-94
Sample Matrix:	Soil	Date Analyzed:	08-29-94
Preservative:	Cool	Date Reported:	08-31-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----	-----	-----
Total Petroleum Hydrocarbons	ND	15.0

ND = Parameter not detected at the stated detection limit.
N/A = Not applicable

Method: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments: Santa Fe # 1

Rex L. Haffin
Analyst

Marvin D. Young
Review

