

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1391 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-144
June 1, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: Pure Resources Telephone: 970-259-1374 e-mail address: _____
Address: 463 Turner Drive, Durango CO 81303 Facility or well name: Rincon 252 API 1640 FNL/ 1605 FEL Sec 18 T 27N R 6W
County: Rio Arriba Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐
Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐

Pit

Type: Drilling ☐ Production ☒ Disposal ☐
Workover ☐ Emergency ☐
Lined ☐ Unlined ☒
Liner type: Synthetic ☐ Thickness _____ mil Clay ☐
Pit Volume _____ bbl

Below-grade tank

Volume: _____ bbl Type of fluid: _____
Construction material: _____
Double-walled, with leak detection? Yes ☐ If not, explain why not. _____

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)

Less than 50 feet	(20 points)
50 feet or more, but less than 100 feet	(10 points)
100 feet or more X	(0 points) X

Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)

Yes	(20 points)
No X	(0 points) X

Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)

Less than 200 feet	(20 points)
200 feet or more, but less than 1000 feet	(10 points)
1000 feet or more X	(0 points) X

Ranking Score (Total Points)

0

- If this is a pit closure:** (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility: (3) Attach a general description of remedial action taken including remediation start date and end date.
(4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results.
(5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: Decommissioned Separator Pit. Separator was removed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/ will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 7/2/05

Printed Name/Title John Hagstrom as Agent for Pure Resources

Signature _____

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title _____

Signature _____

DEPUTY OIL & GAS INSPECTOR, DIST. #

JUL 11 2005
Date: _____



June 22, 2005

SMA Project: 5115310

RE: Sampling activities for Pit Closure at the Rincon 252. Unit G, Sec. 18, T 27N, R 6W, Fruitland Coal, Rio Arriba County NM. NM Lease 013654. API 3003924662.

On May 27, 2005, SMA mobilized to the unlined separator pit at the Rincon 252. The dimensions of the unlined pit are approximately 20 X 20 X 4 feet.

On May 27, 2005, SMA collected a soil sample from the center pit bottom for field analysis by Photo Ionization Detector (PID). A four-point composite soil sample was collected from the sidewalls for field analysis by PID. The center pit bottom sample showed a PID reading of 0 units and the sidewall composite sample showed a PID reading of 0 units. Soil samples for closure were collected for laboratory analysis. Samples were analyzed for Diesel Range Organics (DRO), and Gasoline Range Organics (GRO). Based on Field Screening with a PID, BTEX was not analyzed by laboratory methods. The laboratory analysis of the closure samples showed hydrocarbon levels of:

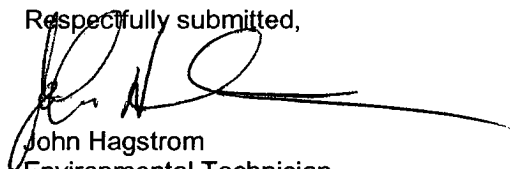
May 27, 2005	PID Units	DRO ppm	GRO ppm	BTEX ppm
4 Point Sidewall	0	BDL	1.5	NA
Center Pit Bottom	0	BDL	BDL	NA

BDL: Below Detection Limits

NA: Not Analyzed

No remedial excavation is needed based on laboratory analysis of soil samples. On behalf of our client, Pure Resources, SMA requests closure for this pit. Groundwater was not encountered.

Respectfully submitted,



John Hagstrom
Environmental Technician
Souder, Miller and Associates

SUBJECT RINCON 252

PROJECT 5115310

PAGE 1

CLIENT Pure Resources

DATE 5/27/05

BY JPH

CHECKED

BY

1640 FNL / 1605 FSL S18, T22N, R6W, RA

NM 013652

0905 - CALIBRATE P.O.

P.O.

0915

SW

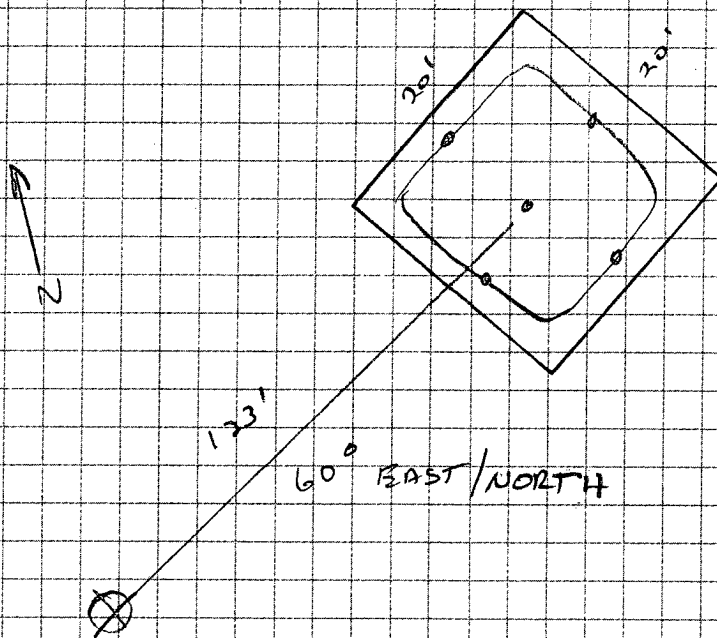
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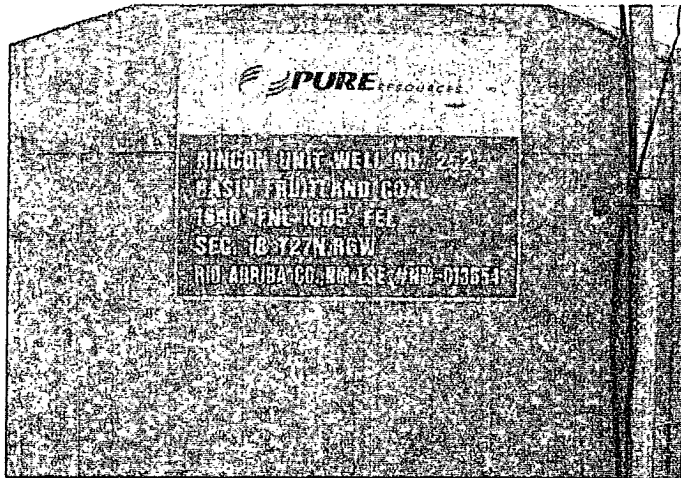
0916

CP

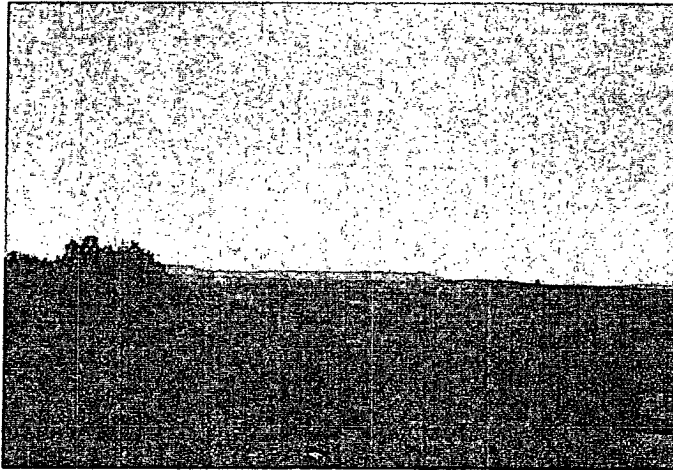
0

NTS

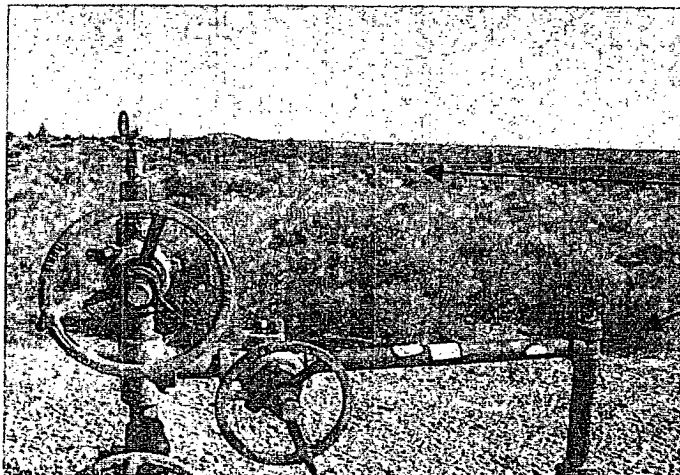




Rincon 252



Unlined Pit



Unlined Pit

Wellhead

612 E. Murray Drive
Farmington, NM 87401

Off: (505) 327-1072
Fax: (505) 327-1496

iiná bá

P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

June 15, 2005

John Hagstrom
Souder, Miller & Associates
612 E. Murray Dr
Farmington, NM 87401

TEL: 505-325-1556
FAX 505-327-1496

RE: Pure Resources Rincon 252 Pit

Order No.: 0505061

Dear John Hagstrom:

iiná bá received 2 samples on 5/27/2005 3:40:00 PM for the analyses presented in the following report.

This certificate of analysis includes the Analytical Report(s) for the sample(s) received by the laboratory. A Quality Control Summary Report, the Sample Receipt Checklist and an executed Chain of Custody are included as an addendum to this report.

Should you have any questions regarding this certificate of analysis, please contact the laboratory at your convenience.

Report Approved By:



Jeffrey Engels
Laboratory Director

Edwina Aspaas
Quality Assurance Officer

This certificate of analysis and respective material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the person responsible for delivering this to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify the laboratory immediately at 505-327-1072.



MAINTAINING HARMONY BETWEEN MAN AND HIS ENVIRONMENT

612 E. Murray Drive
Farmington, NM 87499

Off: (505) 327-1072
FAX: (505) 327-1496



P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

iiná bá

Date: 15-Jun-05

CLIENT: Souder, Miller & Associates
Project: Pure Resources Rincon 252 Pit
Lab Order: 0505061

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following reference:
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition.

Diesel method blank o-Terphenyl failed low. Method blank ND, samples ND, surrogates for samples within limits.

Any quality control and/or data qualifiers associated with this laboratory order will be flagged in the analytical result page(s), the quality control summary report(s) or the sample receipt checklist.

612 E. Murray Drive
Farmington, NM 87499

Off: (505) 327-1072
FAX: (505) 327-1496

ANALYTICAL REPORT

iiná bá

P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

Date: 15-Jun-05

CLIENT: Souder, Miller & Associates
Work Order: 0505061
Project: Pure Resources Rincon 252 Pit
Lab ID: 0505061-001A

Client Sample Info: Pure Resources
Client Sample ID: Rincon 252 SW
Collection Date: 5/27/2005 9:15:00 AM
Matrix: SOIL

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: JEM
T/R Hydrocarbons: C10-C28	ND	25.0		mg/Kg	1	6/10/2005
Surr: o-Terphenyl	73.5	57-136		%REC	1	6/10/2005
GASOLINE RANGE ORGANICS		SW8015B				Analyst: JEM
T/R Hydrocarbons: C6-C10	1.5	4.50	J	mg/Kg	25	6/9/2005
Surr: Trifluorotoluene	100	84-149		%REC	25	6/9/2005

Qualifiers:

ND - Not Detected at the Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

H - Parameter exceeded Maximum Allowable Holding Time

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted precision limits

E - Value above Upper Quantitation Limit - UQL

612 E. Murray Drive
Farmington, NM 87499

Off: (505) 327-1072
FAX: (505) 327-1496

ANALYTICAL REPORT

iiná bá

P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

Date: 15-Jun-05

CLIENT: Souder, Miller & Associates
Work Order: 0505061
Project: Pure Resources Rincon 252 Pit
Lab ID: 0505061-002A

Client Sample Info: Pure Resources
Client Sample ID: Rincon 252 CP
Collection Date: 5/27/2005 9:15:00 AM
Matrix: SOIL

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: JEM
T/R Hydrocarbons: C10-C28	ND	25.0		mg/Kg	1	6/10/2005
Surr: o-Terphenyl	71.6	57-136		%REC	1	6/10/2005
GASOLINE RANGE ORGANICS		SW8015B				Analyst: JEM
T/R Hydrocarbons: C6-C10	ND	4.50		mg/Kg	25	6/9/2005
Surr: Trifluorotoluene	101	84-149		%REC	25	6/9/2005

Qualifiers:

ND - Not Detected at the Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

H - Parameter exceeded Maximum Allowable Holding Time

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted precision limits

E - Value above Upper Quantitation Limit - UQL

iiná bá

Date: 15-Jun-05

CLIENT: Souder, Miller & Associates

Work Order: 0505061

Project: Pure Resources Rincon 252 Pit

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015DR2_S

Sample ID	MBLK_050610	SampType: MBLK	TestCode: 8015DR2_S	Units: mg/Kg	Prep Date: 6/9/2005	Run ID: GC-2_050610A
Client ID:	ZZZZZ	Batch ID: R7017	TestNo: SW8015B		Analysis Date: 6/10/2005	SeqNo: 98427
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
T/R Hydrocarbons: C10-C28		ND	25.0			
Surr: o-Terphenyl		27.44	0	49	0	56 57 136 0 0 0 S

Sample ID	LCS_050610	SampType: LCS	TestCode: 8015DR2_S	Units: mg/Kg	Prep Date: 6/9/2005	Run ID: GC-2_050610A
Client ID:	ZZZZZ	Batch ID: R7017	TestNo: SW8015B		Analysis Date: 6/10/2005	SeqNo: 98429
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
T/R Hydrocarbons: C10-C28		559.4	25.0	501	0	112 71 115 0 0
Surr: o-Terphenyl		30.19	0	49	0	61.6 57 136 0 0

Sample ID	0505057-002AMS	SampType: MS	TestCode: 8015DR2_S	Units: mg/Kg	Prep Date: 6/9/2005	Run ID: GC-2_050610A
Client ID:	ZZZZZ	Batch ID: R7017	TestNo: SW8015B		Analysis Date: 6/10/2005	SeqNo: 98433
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
T/R Hydrocarbons: C10-C28		691.1	25.0	501	182.7	101 60 130 0 0
Surr: o-Terphenyl		48.47	0	49	0	98.9 57 136 0 0

Sample ID	0505057-001AD	SampType: DUP	TestCode: 8015DR2_S	Units: mg/Kg	Prep Date: 6/9/2005	Run ID: GC-2_050610A
Client ID:	ZZZZZ	Batch ID: R7017	TestNo: SW8015B		Analysis Date: 6/10/2005	SeqNo: 98431
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
T/R Hydrocarbons: C10-C28		ND	25.0	0	0	0 0 0 0 35
Surr: o-Terphenyl		46.09	0	49	0	94.1 57 136 0 0

Sample ID	CCV1_050610	SampType: CCV	TestCode: 8015DR2_S	Units: mg/Kg	Prep Date: 6/9/2005	Run ID: GC-2_050610A
Client ID:	ZZZZZ	Batch ID: R7017	TestNo: SW8015B		Analysis Date: 6/10/2005	SeqNo: 98428
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
T/R Hydrocarbons: C10-C28		545.9	25.0	501	0	109 85 115 0 0

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

CLIENT: Souder, Miller & Associates
Work Order: 0505061
Project: Pure Resources Rincon 252 Pit

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015DR2_S

Sample ID	CCV1_050610	SampType: CCV	TestCode: 8015DR2_S	Units: mg/Kg	Prep Date: 6/9/2005	Run ID: GC-2_050610A
Client ID:	ZZZZZ	Batch ID: R7017	TestNo: SW8015B		Analysis Date: 6/10/2005	SeqNo: 98428
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Surr: o-Terphenyl		51.13	0	49	0	104 57 136 0 0

Sample ID	CCV2_050610	SampType: CCV	TestCode: 8015DR2_S	Units: mg/Kg	Prep Date: 6/9/2005	Run ID: GC-2_050610A
Client ID:	ZZZZZ	Batch ID: R7017	TestNo: SW8015B		Analysis Date: 6/10/2005	SeqNo: 98442
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
T/R Hydrocarbons: C10-C28		855.7	25.0	751	0	114 85 115 0 0
Surr: o-Terphenyl		47.22	0	49	0	96.4 57 136 0 0

Sample ID	CCV3_050610	SampType: CCV	TestCode: 8015DR2_S	Units: mg/Kg	Prep Date: 6/9/2005	Run ID: GC-2_050610A
Client ID:	ZZZZZ	Batch ID: R7017	TestNo: SW8015B		Analysis Date: 6/10/2005	SeqNo: 98450
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
T/R Hydrocarbons: C10-C28		855.2	25.0	751	0	114 85 115 0 0
Surr: o-Terphenyl		48.67	0	49	0	99.3 57 136 0 0

Sample ID	CCV4_050610	SampType: CCV	TestCode: 8015DR2_S	Units: mg/Kg	Prep Date: 6/9/2005	Run ID: GC-2_050610A
Client ID:	ZZZZZ	Batch ID: R7017	TestNo: SW8015B		Analysis Date: 6/10/2005	SeqNo: 98451
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
T/R Hydrocarbons: C10-C28		517.3	25.0	501	0	103 85 115 0 0
Surr: o-Terphenyl		51.51	0	49	0	105 57 136 0 0

CLIENT: Souder, Miller & Associates
Work Order: 0505061
Project: Pure Resources Rincon 252 Pit

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GRO_S

Sample ID	MBLK_050609A	SampleType: MBLK	TestCode: 8015GRO_S	Units: mg/Kg	Prep Date: 6/7/2005	Run ID: GC-1B_050609A						
Client ID: ZZZZZ		Batch ID: R7012	TestNo: SW8015B		Analysis Date: 6/9/2005	SeqNo: 98351						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	LCS_050609A	SampType: LCS	TestCode: 8015GRO_S	Units: mg/Kg	Prep Date: 6/7/2005	Run ID: GC-1B_050609A					
Client ID: ZZZZZ		Batch ID: R7012	TestNo: SW8015B		Analysis Date: 6/9/2005	SeqNo: 98353					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	0505058-001AMS	SampleType: MS	TestCode: 8015GRO_S	Units: mg/Kg	Prep Date: 6/7/2005	Run ID: GC-1B_050609A					
Client ID: ZZZZZ		Batch ID: R7012	TestNo: SW8015B		Analysis Date: 6/9/2005	SeqNo: 98355					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	0505058-001AMSD	SampleType: MSD	TestCode: 8015GRO_S	Units: mg/Kg	Prep Date: 6/7/2005	Run ID: GC-1B_050609A						
Client ID: ZZZZZ		Batch ID: R7012	TestNo: SW8015B		Analysis Date: 6/9/2005	SeqNo: 98356						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	CCV1_050609A	SampleType:	CCV	TestCode:	8015GRO_S	Units:	mg/Kg	Prep Date:	6/7/2005	Run ID:	GC-1B_050609A		
Client ID:	ZZZZZ	Batch ID:	R7012	TestNo:	SW8015B			Analysis Date:	6/9/2005	SeqNo:	98352		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Souder, Miller & Associates
Work Order: 0505061
Project: Pure Resources Rincon 252 Pit

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GRO_S

Sample ID	CCV2_050609A	SampType:	CCV	TestCode:	8015GRO_S	Units:	mg/Kg	Prep Date:	6/7/2005	Run ID:	GC-1B_050609A		
Client ID:	ZZZZZ	Batch ID:	R7012	TestNo:	SW8015B			Analysis Date:	6/9/2005	SeqNo:	98366		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

T/R Hydrocarbons: C6-C10
 Surr: Trifluorotoluene

Sample ID	CCV3_050609A	SampType:	CCV	TestCode:	8015GRO_S	Units:	mg/Kg	Prep Date:	6/7/2005	Run ID:	GC-1B_050609A		
Client ID:	ZZZZZ	Batch ID:	R7012	TestNo:	SW8015B			Analysis Date:	6/9/2005	SeqNo:	98377		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

T/R Hydrocarbons: C6-C10
 Surr: Trifluorotoluene

Sample ID	CCV4_050609A	SampType:	CCV	TestCode:	8015GRO_S	Units:	mg/Kg	Prep Date:	6/7/2005	Run ID:	GC-1B_050609A		
Client ID:	ZZZZZ	Batch ID:	R7012	TestNo:	SW8015B			Analysis Date:	6/9/2005	SeqNo:	98378		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

T/R Hydrocarbons: C6-C10
 Surr: Trifluorotoluene

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank



4779

Date 5/27/05

Page 1 of 1[illegible]



(for life's sake)

612 E. Murray Dr. • P.O. Box 2606 • Farmington, NM 87499
Phone: (505) 327-1072 • Fax: (505) 327-1496

Date 5/27/05

Page 1 of 1

[illegible]

DISTRIBUTION WHITE - Lab • YELLOW - Client • PINK - Carrier

san.juan reproduction-i

iiná bá

Sample Receipt Checklist

Client Name: **SMA1005**

Date and Time Received: **5/27/2005 3:40:00 PM**

Work Order Number: **0505061**

Received by: **MS**

Checklist completed by:

J Moore
Signature

5/31/05
Date

Reviewed by:

JH *6/6/05*
Initials Date

Matrix:

Carrier name: John Hagstrom

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☒	No ☐	Not Present ☐
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Water - VOA vials have zero headspace?	No VOA vials submitted ☒	Yes ☐	No ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☒	

Adjusted? _____

Checked by: _____

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted: _____

Date contacted: _____

Person contacted: _____

Contacted by: _____

Regarding: _____

Comments: _____

Corrective Action: _____

