

District I,
1625 N. French Dr., Hobbs, NM 88240
District II
301 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: <u>Pure Resources</u> Telephone: <u>970-259-1374</u> e-mail address: _____		
Address: <u>463 Turner Drive, Durango CO 81303</u> Facility or well name: <u>Rincon 261</u> API# <u>300 3924708</u> L M <u>798 FSL/1254 FWL</u> Sec <u>29</u> T <u>27N</u> R <u>6W</u>		
County: <u>Rio Arriba</u> 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. 28

JUL 11 2005
Date: _____



June 22, 2005

SMA Project: 5115310

RE: Sampling activities for Pit Closure at the Rincon 261. Unit M, Sec. 29, T 27N, R 6W, Fruitland Coal, Rio Arriba County NM. Fed Lease SF079364. API 3003924708.

On May 25, 2005, SMA mobilized to the unlined separator pit at the Rincon 261. The dimensions of the unlined pit are approximately 20 X 20 X 4 feet.

On May 25, 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 0.8 units and the sidewall composite sample showed a PID reading of 0.6 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 25, 2005	PID Units	DRO ppm	GRO ppm	BTEX ppm
4 Point Sidewall	0.6	BDL	BDL	NA
Center Pit Bottom	0.8	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

CHECKED

BY

798 FSL / 1254 FWL

S 29, T 27 N, R 4 W, RA

SR 0 79364

PID

1120

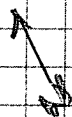
SW

0.6

1125

CP

0.8

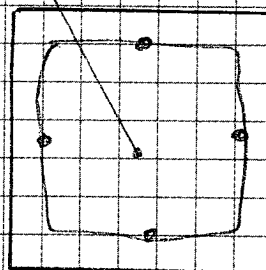


NTS



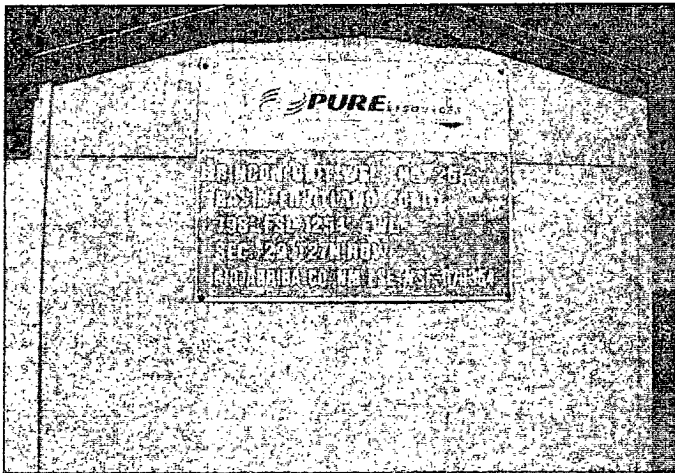
110'

5° East/South

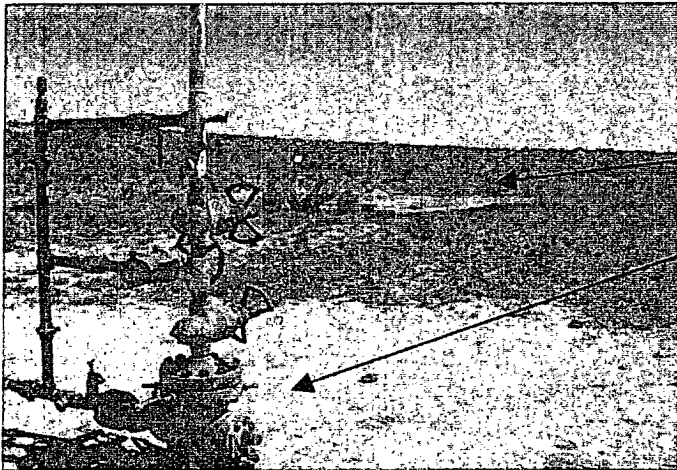


20'

20'



Rincon 261



Unlined Pit

Wellhead



Unlined Pit

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 14, 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 261 Pit / 5115310

Order No.: 0505047

Dear John Hagstrom:

iiná bá received 2 samples on 5/25/2005 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

iiná bá

P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

iiná bá

Date: 14-Jun-05

CLIENT: Souder, Miller & Associates

Project: Pure Resources Rincon 261 Pit / 5115310

Lab Order: 0505047

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.

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

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: 14-Jun-05

CLIENT: Souder, Miller & Associates

Work Order: 0505047

Project: Pure Resources Rincon 261 Pit / 5115310

Lab ID: 0505047-001A

Client Sample Info: Pure Resources Rincon 261 Pit

Client Sample ID: Rincon 261 SW

Collection Date: 5/25/2005 11:20:00 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	6/7/2005
Surr: o-Terphenyl	85.5	57-136		%REC	1	6/7/2005
GASOLINE RANGE ORGANICS		SW8015B		Analyst: JEM		
T/R Hydrocarbons: C6-C10	ND	4.50		mg/Kg	25	6/7/2005
Surr: Trifluorotoluene	89.0	84-149		%REC	25	6/7/2005

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: 14-Jun-05

CLIENT: Souder, Miller & Associates
Work Order: 0505047
Project: Pure Resources Rincon 261 Pit / 5115310
Lab ID: 0505047-002A

Client Sample Info: Pure Resources Rincon 261 Pit
Client Sample ID: Rincon 261 CP
Collection Date: 5/25/2005 11:25:00 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	6/7/2005
Surr: o-Terphenyl	87.9	57-136		%REC	1	6/7/2005
GASOLINE RANGE ORGANICS		SW8015B		Analyst: JEM		
T/R Hydrocarbons: C6-C10	ND	4.50		mg/Kg	25	6/7/2005
Surr: Trifluorotoluene	88.0	84-149		%REC	25	6/7/2005

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

iina bá

Date: 14-Jun-05

CLIENT: Souder, Miller & Associates

Work Order: 0505047

Project: Pure Resources Rincon 261 Pit / 5115310

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015DR2_S

Sample ID	MBLK_050607	SampType: MBLK	TestCode: 8015DR2_S	Units: mg/Kg	Prep Date: 6/7/2005	Run ID: GC-2_050607A					
Client ID: ZZZZZ		Batch ID: R7006	TestNo: SW8015B		Analysis Date: 6/7/2005	SeqNo: 98290					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	LCS_050607	SampType: LCS	TestCode: 8015DR2_S	Units: mg/Kg	Prep Date: 6/7/2005	Run ID: GC-2_050607A					
Client ID: ZZZZZ		Batch ID: R7006	TestNo: SW8015B		Analysis Date: 6/7/2005	SeqNo: 98292					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C10-C28	496.7	25.0	501	0	99.2	71	110	0	0		
Surr: o-Terphenyl	62.04	0	98	0	63.3	57	136	0	0		

Sample ID	0505045-002AMS	SampType: MS	TestCode: 8015DR2_S	Units: mg/Kg	Prep Date: 6/7/2005	Run ID: GC-2_050607A					
Client ID: ZZZZZ		Batch ID: R7006	TestNo: SW8015B		Analysis Date: 6/7/2005	SeqNo: 98296					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C10-C28	538.1	25.0	501	0	107	60	130	0	0		
Surr: o-Terphenyl	49.53	0	49	0	101	57	136	0	0		

Sample ID	0505045-001AD	SampType: DUP	TestCode: 8015DR2_S	Units: mg/Kg	Prep Date: 6/7/2005	Run ID: GC-2_050607A					
Client ID: ZZZZZ		Batch ID: R7006	TestNo: SW8015B		Analysis Date: 6/7/2005	SeqNo: 98294					
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	0	35	
Surr: o-Terphenyl	22.3	0	49	0	45.5	57	136	0	0	0	S

Sample ID	CCV1_050607	SampType:	CCV	TestCode:	8015DR2_S	Units:	mg/Kg	Prep Date:	6/7/2005	Run ID:	GC-2_050607A
Client ID:	ZZZZZ	Batch ID:	R7006	TestNo:	SW8015B			Analysis Date:	6/7/2005	SeqNo:	98291
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C10-C28	523.8	25.0	501	0	105	85	115	0	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: 0505047
Project: Pure Resources Rincon 261 Pit / 5115310

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015DR2_S

Sample ID	CCV1_050607	SampType:	CCV	TestCode:	8015DR2_S	Units:	mg/Kg	Prep Date:	6/7/2005	Run ID:	GC-2_050607A		
Client ID:	ZZZZZ	Batch ID:	R7006	TestNo:	SW8015B			Analysis Date:	6/7/2005	SeqNo:	98291		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	CCV2_050607	SampType:	CCV	TestCode:	8015DR2_S	Units:	mg/Kg	Prep Date:	6/7/2005	Run ID:	GC-2_050607A		
Client ID:	ZZZZZ	Batch ID:	R7006	TestNo:	SW8015B			Analysis Date:	6/7/2005	SeqNo:	98303		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	CCV3_050607	SampType:	CCV	TestCode:	8015DR2_S	Units:	mg/Kg	Prep Date:	6/7/2005	Run ID:	GC-2_050607A		
Client ID:	ZZZZZ	Batch ID:	R7006	TestNo:	SW8015B			Analysis Date:	6/7/2005	SeqNo:	98313		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	CCV4_050607	SampType:	CCV	TestCode:	8015DR2_S	Units:	mg/Kg	Prep Date:	6/7/2005	Run ID:	GC-2_050607A		
Client ID:	ZZZZZ	Batch ID:	R7006	TestNo:	SW8015B			Analysis Date:	6/7/2005	SeqNo:	98314		
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: 0505047
Project: Pure Resources Rincon 261 Pit / 5115310

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GRO_S

Sample ID	MBLK_050607	SampType:	MBLK	TestCode:	8015GRO_S	Units:	mg/Kg	Prep Date:	6/7/2005	Run ID:	GC-1B_050607A		
Client ID:	ZZZZZ	Batch ID:	R6996	TestNo:	SW8015B			Analysis Date:	6/7/2005	SeqNo:	98151		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

T/R Hydrocarbons: C6-C10
 Surr: Trifluorotoluene

ND	4.50	0	2.5	0	86.7	84	149	0	0
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Sample ID	LCS2_050607	SampType:	LCS	TestCode:	8015GRO_S	Units:	mg/Kg	Prep Date:	6/7/2005	Run ID:	GC-1B_050607A		
Client ID:	ZZZZZ	Batch ID:	R6996	TestNo:	SW8015B			Analysis Date:	6/7/2005	SeqNo:	98154		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

T/R Hydrocarbons: C6-C10
 Surr: Trifluorotoluene

50.06	4.50	0	45	0	111	80	120	0	0
2.191	0	0	2.5	0	87.6	84	149	0	0

Sample ID	0505045-001AMS	SampType:	MS	TestCode:	8015GRO_S	Units:	mg/Kg	Prep Date:	6/7/2005	Run ID:	GC-1B_050607A		
Client ID:	ZZZZZ	Batch ID:	R6996	TestNo:	SW8015B			Analysis Date:	6/7/2005	SeqNo:	98156		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

T/R Hydrocarbons: C6-C10
 Surr: Trifluorotoluene

49.09	4.50	0	45	0	109	80	120	0	0
2.19	0	0	2.5	0	87.6	84	149	0	0

Sample ID	0505045-001AMSD	SampType:	MSD	TestCode:	8015GRO_S	Units:	mg/Kg	Prep Date:	6/7/2005	Run ID:	GC-1B_050607A		
Client ID:	ZZZZZ	Batch ID:	R6996	TestNo:	SW8015B			Analysis Date:	6/7/2005	SeqNo:	98157		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

T/R Hydrocarbons: C6-C10
 Surr: Trifluorotoluene

48.13	4.50	0	45	0	107	80	120	49.09	1.96	13
2.16	0	0	2.5	0	86.4	84	149	0	0	0

Sample ID	CCV1_050607	SampType:	CCV	TestCode:	8015GRO_S	Units:	mg/Kg	Prep Date:	6/7/2005	Run ID:	GC-1B_050607A		
Client ID:	ZZZZZ	Batch ID:	R6996	TestNo:	SW8015B			Analysis Date:	6/7/2005	SeqNo:	98152		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

T/R Hydrocarbons: C6-C10
 Surr: Trifluorotoluene

1.853	0.180	0	1.8	0	103	85	115	0	0
0.08603	0	0	0.1	0	86	84	149	0	0

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: 0505047
Project: Pure Resources Rincon 261 Pit / 5115310

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GRO_S

Sample ID	CCV2_050607	SampType:	CCV	TestCode:	8015GRO_S	Units:	mg/Kg	Prep Date:	6/7/2005	Run ID:	GC-1B_050607A		
Client ID:	ZZZZZ	Batch ID:	R6996	TestNo:	SW8015B			Analysis Date:	6/7/2005	SeqNo:	98165		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	CCV3_050607	SampType:	CCV	TestCode:	8015GRO_S	Units:	mg/Kg	Prep Date:	6/7/2005	Run ID:	GC-1B_050607A		
Client ID:	ZZZZZ	Batch ID:	R6996	TestNo:	SW8015B			Analysis Date:	6/7/2005	SeqNo:	98177		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	CCV4_0506507	SampType:	CCV	TestCode:	8015GRO_S	Units:	mg/Kg	Prep Date:	6/7/2005	Run ID:	GC-1B_050607A		
Client ID:	ZZZZZ	Batch ID:	R6996	TestNo:	SW8015B			Analysis Date:	6/7/2005	SeqNo:	98178		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual



4763

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

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

50/50/5

of

[illegible]

iiná bá

Sample Receipt Checklist

Client Name: **SMA1005**

Date and Time Received:

5/25/2005

Work Order Number: **0505047**

Received by: **MS**

Checklist completed by:

Signature

Date

5-26-05

Reviewed by:

Initials

Date

Jim

5/31/05

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: _____