

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 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

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

Form C-144
June 1, 2004

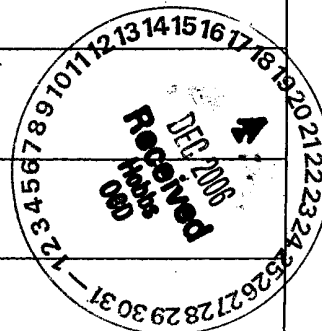
For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

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>Apache Corp</u> Telephone: <u>918. 491. 4900</u> e-mail address: <u>seay 04 @ lease, not</u>							
Address: <u>1220 S. Yale Tulsa OK 74136</u>							
Facility or well name: <u>M+M # 5</u>	API #: <u>30.025.3942</u> U/L or Qtr/Qtr <u>C</u> Sec <u>24</u> T <u>20</u> R <u>38</u>						
County: <u>Lea</u>	Latitude <u>32° 54' 48"</u> Longitude <u>103° 10' 27"</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>						
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>							
Pit Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>20</u> mil Clay <input type="checkbox"/> Pit Volume <u>2000</u> bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: _____						
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) <u>24 ft</u>	<table border="1"><tr><td>Less than 50 feet</td><td>(20 points)</td></tr><tr><td>50 feet or more, but less than 100 feet</td><td>(10 points)</td></tr><tr><td>100 feet or more</td><td>(0 points)</td></tr></table>	Less than 50 feet	(20 points)	50 feet or more, but less than 100 feet	(10 points)	100 feet or more	(0 points)
Less than 50 feet	(20 points)						
50 feet or more, but less than 100 feet	(10 points)						
100 feet or more	(0 points)						
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	<table border="1"><tr><td>Yes</td><td>(20 points)</td></tr><tr><td>No</td><td>(0 points)</td></tr></table>	Yes	(20 points)	No	(0 points)		
Yes	(20 points)						
No	(0 points)						
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	<table border="1"><tr><td>Less than 200 feet</td><td>(20 points)</td></tr><tr><td>200 feet or more, but less than 1000 feet</td><td>(10 points)</td></tr><tr><td>1000 feet or more</td><td>(0 points)</td></tr></table>	Less than 200 feet	(20 points)	200 feet or more, but less than 1000 feet	(10 points)	1000 feet or more	(0 points)
Less than 200 feet	(20 points)						
200 feet or more, but less than 1000 feet	(10 points)						
1000 feet or more	(0 points)						
Ranking Score (Total Points) <u>20</u>							



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.

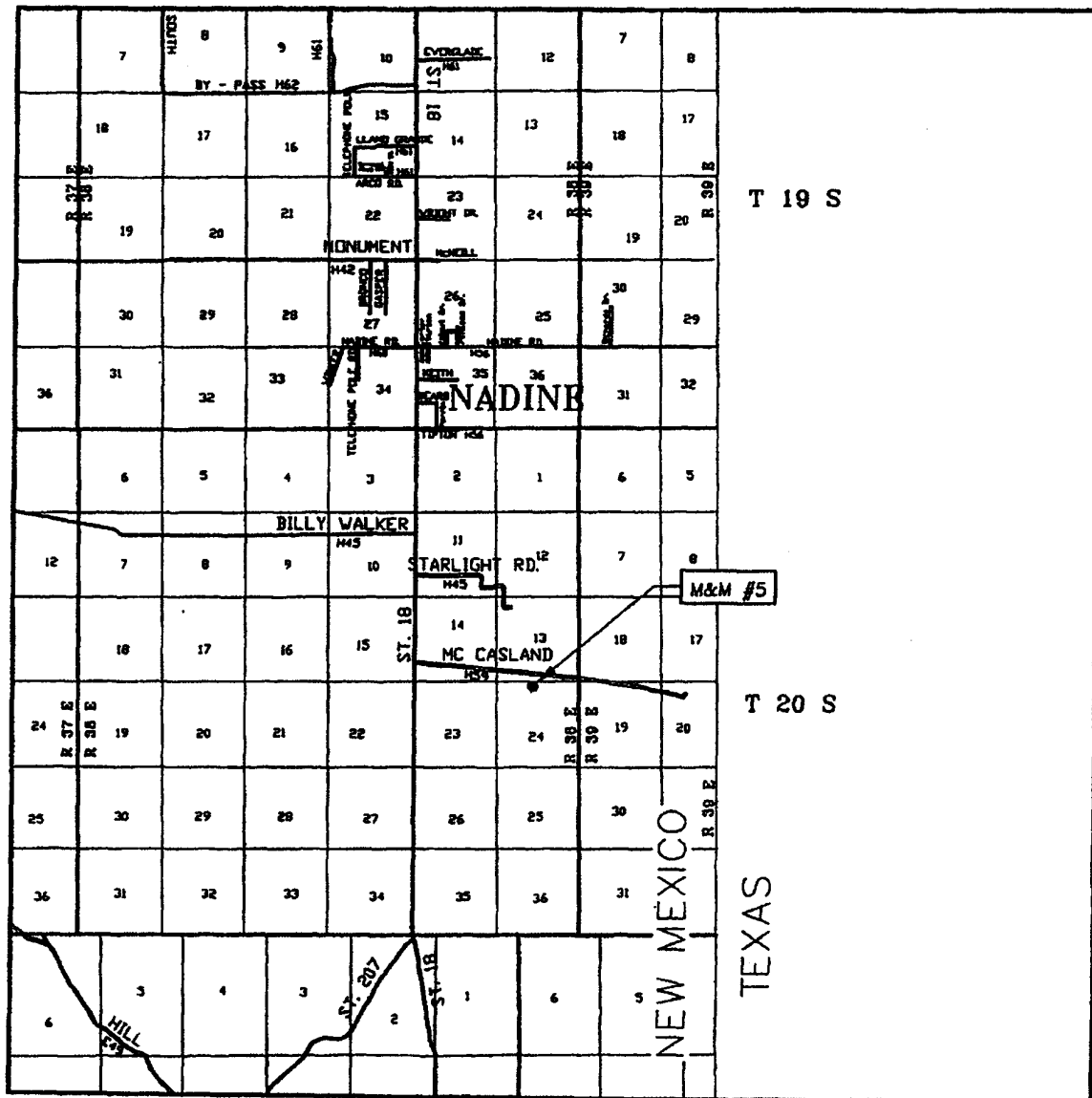
Additional Comments: Plan to excavate contents of drilling pit and haul to a OCD approved disposal facility. Sample bottom of excavation and backfill and haul only after OCD approved.
Notify OCD before starting and file summary notice of closing well begin soon after approval.

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: 12/21/06
Printed Name/Title Eddie W Seay Agent Signature Eddie W Seay
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.

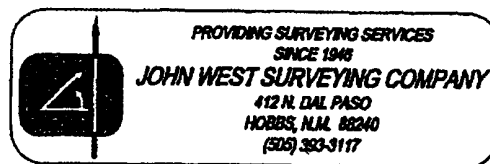
Approval:
Printed Name/Title CHRIS WILLIAMS / DIST. SURV. Signature Chris Williams Date: 12/21/06

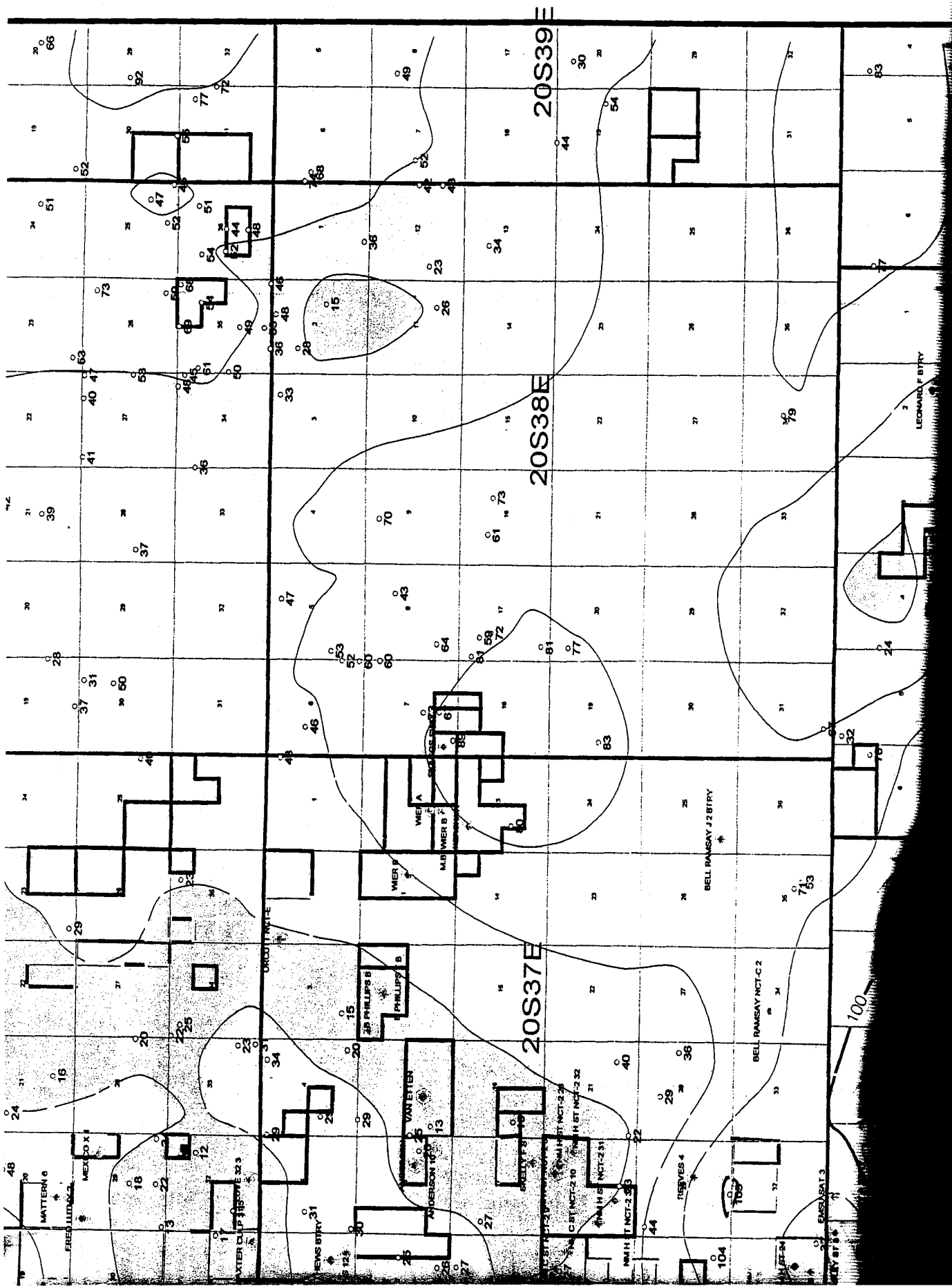
VICINITY MAP



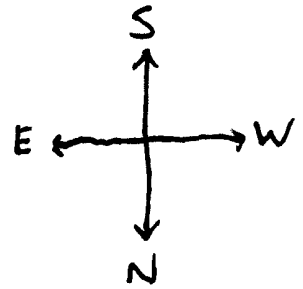
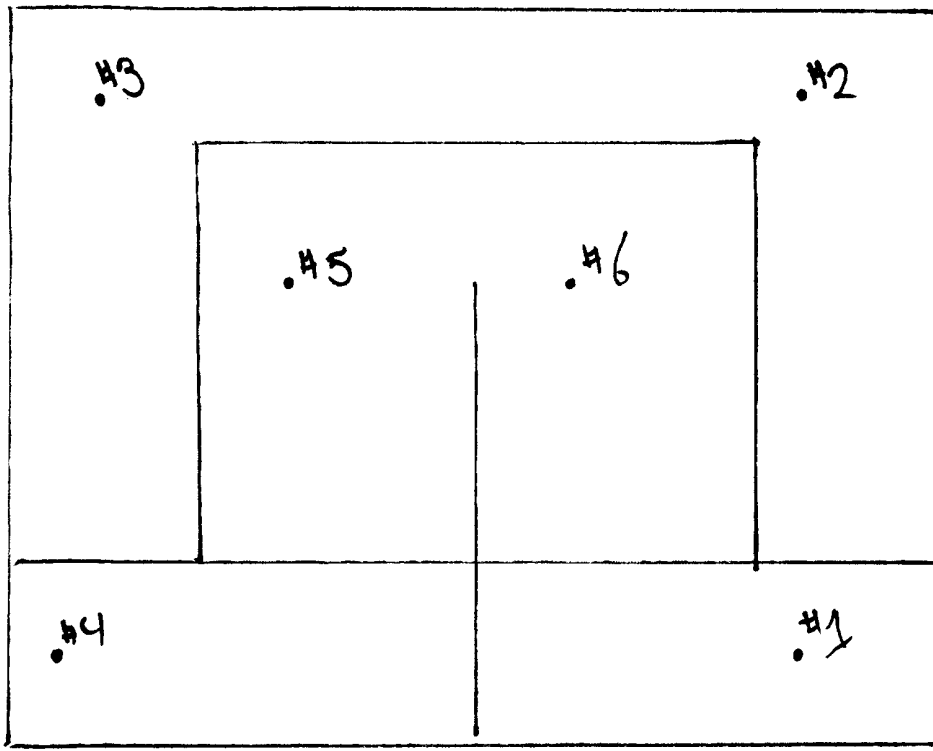
SCALE: 1" = 2 MILES

SEC. 24 TWP. 20-S RGE. 38-E
 SURVEY N.M.P.M.
 COUNTY LEA STATE NEW MEXICO
 DESCRIPTION 330' FNL & 2310' FWL
 ELEVATION 3574'
 OPERATOR APACHE CORPORATION
 LEASE M&M





APACHE M+M #5



FIELD CHLORIDES

#1.6' - <120
 #2.6' - <120
 #3.6' - 148
 #4.6' - 124
 #5.6' - 176
 #6.6' - <120

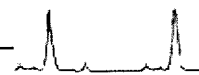
DRILL PIT CLOSURE APPROVAL 1.17.07
 UNOCED *[Signature]*

ARGON ANALYTICAL SERVICES, INC.
CHAIN OF CUSTODY

[illegible]



2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296



Safety & Environmental Solutions, Inc.

Project Number: PSS-07-001

703 E. Clinton Ave

Project Name: M&M#5

Hobbs, NM 88240

Project Manager: Bob Allen

Work Order No.:

B701004

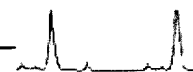
ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
#1.6'	B701004-01	Soil	01/15/07 09:30	01/15/07 15:34
#2.6'	B701004-02	Soil	01/15/07 09:45	01/15/07 15:34
#3.6'	B701004-03	Soil	01/15/07 10:00	01/15/07 15:34
#4.6'	B701004-04	Soil	01/15/07 10:15	01/15/07 15:34
#5.6'	B701004-05	Soil	01/15/07 10:30	01/15/07 15:34
#6.6'	B701004-06	Soil	01/15/07 10:45	01/15/07 15:34

Approved By

Argon Laboratories, Inc.

QC Officer



Safety & Environmental Solutions, Inc.

703 E. Clinton Ave

Hobbs, NM 88240

Project Number: PSS-07-001

Project Name: M&M#5

Project Manager: Bob Allen

Work Order No.:

B701004

Anions by Ion Chromatography - EPA Method 300.0

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
#1.6' (B701004-01) Soil Sampled: 01/15/07 09:30 Received: 01/15/07 15:34							
Chloride	19	10	mg/kg	1	01/16/07	EPA 300.0	
#2.6' (B701004-02) Soil Sampled: 01/15/07 09:45 Received: 01/15/07 15:34							
Chloride	23	10	mg/kg	1	01/16/07	EPA 300.0	
#3.6' (B701004-03) Soil Sampled: 01/15/07 10:00 Received: 01/15/07 15:34							
Chloride	11	10	mg/kg	1	01/16/07	EPA 300.0	
#4.6' (B701004-04) Soil Sampled: 01/15/07 10:15 Received: 01/15/07 15:34							
Chloride	15	10	mg/kg	1	01/16/07	EPA 300.0	
#5.6' (B701004-05) Soil Sampled: 01/15/07 10:30 Received: 01/15/07 15:34							
Chloride	17	10	mg/kg	1	01/16/07	EPA 300.0	
#6.6' (B701004-06) Soil Sampled: 01/15/07 10:45 Received: 01/15/07 15:34							
Chloride	26	10	mg/kg	1	01/16/07	EPA 300.0	

Approved By

Argon Laboratories, Inc.

QC Officer



Safety & Environmental Solutions, Inc.

703 E. Clinton Ave

Hobbs, NM 88240

Project Number: PSS-07-001

Project Name: M&M#5

Project Manager: Bob Allen

Work Order No.:

B701004

Anions by Ion Chromatography - EPA Method 300.0 - Quality Control
Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch BQ00004 - General Prep
Blank (BQ00004-BLK1)

Chloride ND 10 mg/kg

Prepared & Analyzed: 01/16/07

LCS (BQ00004-BS1)

Chloride 5.44 mg/kg

Prepared & Analyzed: 01/16/07

Matrix Spike (BQ00004-MS1)

Chloride 24.1 mg/kg

Prepared & Analyzed: 01/16/07

Matrix Spike Dup (BQ00004-MSD1)

Chloride 24.3 mg/kg

Prepared & Analyzed: 01/16/07

109 70-130

19 102 70-130

19 106 70-130 0.8 20

Approved By

Argon Laboratories, Inc.

QC Officer



2126 W. Marland Ave., Hobbs, NM 88240 (505)397-0295 Fax (505)397-0296



Safety & Environmental Solutions, Inc.

703 E. Clinton Ave

Hobbs, NM 88240

Project Number: PSS-07-001

Project Name: M&M#5

Project Manager: Bob Allen

Work Order No.:

B701004

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

Approved By

Argon Laboratories, Inc.

QC Officer