FORM 15 Rev 6/99

01949099

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303)894-2100 Fax:(303)894-2109

FOR OGCC USE ONLY
RECEIVED
NOV 15 2010
COGCC

EARTHEN PIT REPORT/PERMIT

This form is to be used for both reporting and permitting pits. Rule 903 describes when a Permit with prior approval, or a Report within 30 days, is required for pits. Submit required attachments and forms.

Complete the Attachment Checklist

	Oper	OGCC
Detailed Site Plan	X	
Topo Map w/ Pit Location	X	
Water Analysis (Form 25)		
Source Wells (Form 26)		
Pit Design/Plan & Cross Sect	X	
Design Calculations	X	
Sensitive Area Determ.	X	
Mud Program		
Form 2A		

FORM SUBMITTED FOR:

[X] Pit Report [X] Pit Permit

OGCC Operator Number: 96850
Name of Operator: Williams Production RMT
Address: 1058 County Rd 215
City: Parachute State: CO Zip: 81635

Contact Name and Telephone:
Karolina Blaney
No: 970 683-2295
Fax: (970) 285-9573

API Number (of associated well): NA
OGCC Facility ID (of other associated facility): 149015 = Fac. ID
Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): S1, T7S, R96W, 6TH P.M. NW NW Sec1
Latitude: ~~39°28'10.71"N~~ 39.469651 Longitude: ~~108°03'55.27"W~~ 108.065376 County: GARFIELD

Pit Use: [X] Production [ ] Drilling (Attach mud program) [ ] Special Purpose (Describe Use):
Pit Type: [X] Lined [ ] Unlined Surface Discharge Permit: [ ] Yes [X] No
Offsite disposal of pit contents: [X] Injection [ ] Commercial Pit/Facility Name: GRAND VALLEY PIT 3 Pit/Facility No: #3
Attach Form 26 to identify Source Wells and Form 25 to provide Produced Water Analysis results.

Existing Site Conditions

Is the location in a "Sensitive Area?" [ ] Yes [X] No **Attach data used for determination.**
Distance (in feet) to nearest surface water: 2097 ground water: 15 105 water wells: 2546 /

LAND USE (or attach copy of Form 2A if previously submitted for associated well) Select one which best describes land use:

Crop Land: [ ] Irrigated [ ] Dry Land [ ] Improved Pasture [ ] Hay Meadow [ ] CRP
Non-Crop Land: [X] Rangeland [ ] Timber [ ] Recreational [ ] Other (describe):
Subdivided: [ ] Industrial [ ] Commercial [ ] Residential

SOILS (or attach copy of Form 2A if previously submitted for associated well)

Soil map units form USNRCS survey: Sheet No: NA Soil Complex/Series No: 57
Soils Series Name: 57-POTTS-LIDEFONSO COMLEX Horizon thickness (in inches): A: 0-4 ; B: 4-28 ; C: 28-60
Soils Series Name: 35-LIDEFONSO-LAZEAR COMPLEX Horizon thickness (in inches): A: 0-8 ; B: 8-60 ; C:
Attach detailed site plan and topo map with pit location.

Pit Design and Construction

Size of pit (feet): Length: 223.4 Width: 166.5 Depth: 15
Calculated pit volume (bbls): 66,269 Daily inflow rate (bbls/day): VARIABLE
Daily disposal rates (attach calculations): Evaporation: NA bbls/day Percolation: NA bbls/day
Type of liner material: SYNTHETIC POLY~~PROPYLENE~~ ethylene RR Thickness: 60 MIL
Attach description of proposed design and construction (include sketches and calculations).
Method of treatment of produced water prior to discharge into pit (separator, heater treater, other): NA
Is pit fenced? [X] Yes [ ] No Is pit netted? [X] Yes [ ] No

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.
Print Name: Karolina Blaney Signed: Karolina Blaney
Title: Environmental Specialist Date: 11/8/2010

OGCC Approved: [signature] Title: Env. Supervisor Date: 1/4/2011
CONDITIONS OF APPROVAL, IF ANY:

FACILITY NUMBER: 426956

See Attached Condition of Approval

Conditions of Approval – January 4, 2012

Grand Valley Pit # 3; Facility ID: 426956

Pit is constructed in fill. Provide a Professional Engineer (P.E.) stamped review of the as-built construction of the pit and integrity of the pit.

Provide the as-built construction details.

The date provided on the "Sub Grade Acceptance" is the same for the Grand Valley Pit 1, Grand Valley Pit 2, and Grand Valley Pit 3. It appears that the "Sub Grade Acceptance" is applicable for Grand Valley 3. Provide an engineering evaluation (by a P.E.) of the liner installation and "Sub Grade Acceptance."

Provide the historical use and maintenance of the pit.

Provide documentation detailing the historical use and maintenance of the pit, including a timeline of significant maintenance events conducted.

Provide an operation and maintenance (O & M) plan and schedule for the pit.

Provide the daily inflow rate and description of how total fluids management is monitored to evaluate for potential loss through the liner system.

Conduct a 72-hour (minimum) hydrostatic integrity test of the liner system and submit a P.E. review and evaluation of the results of the test.

Leak detection is required for this pit (Rule 904.e.). Provide design and implementation details for leak detection system.

Provide the geologic/hydrogeologic evaluation of the facility which was provided to Garfield County.

Submit requested information above by March 1, 2012.

Fischer, Alex

From: Blaney, Karolina [Karolina.Blaney@williams.com]
Sent: Monday, May 09, 2011 10:31 AM
To: Fischer, Alex
Subject: Williams - Grand Valley Pits coordinates - for the Form 15s approval

Alex,

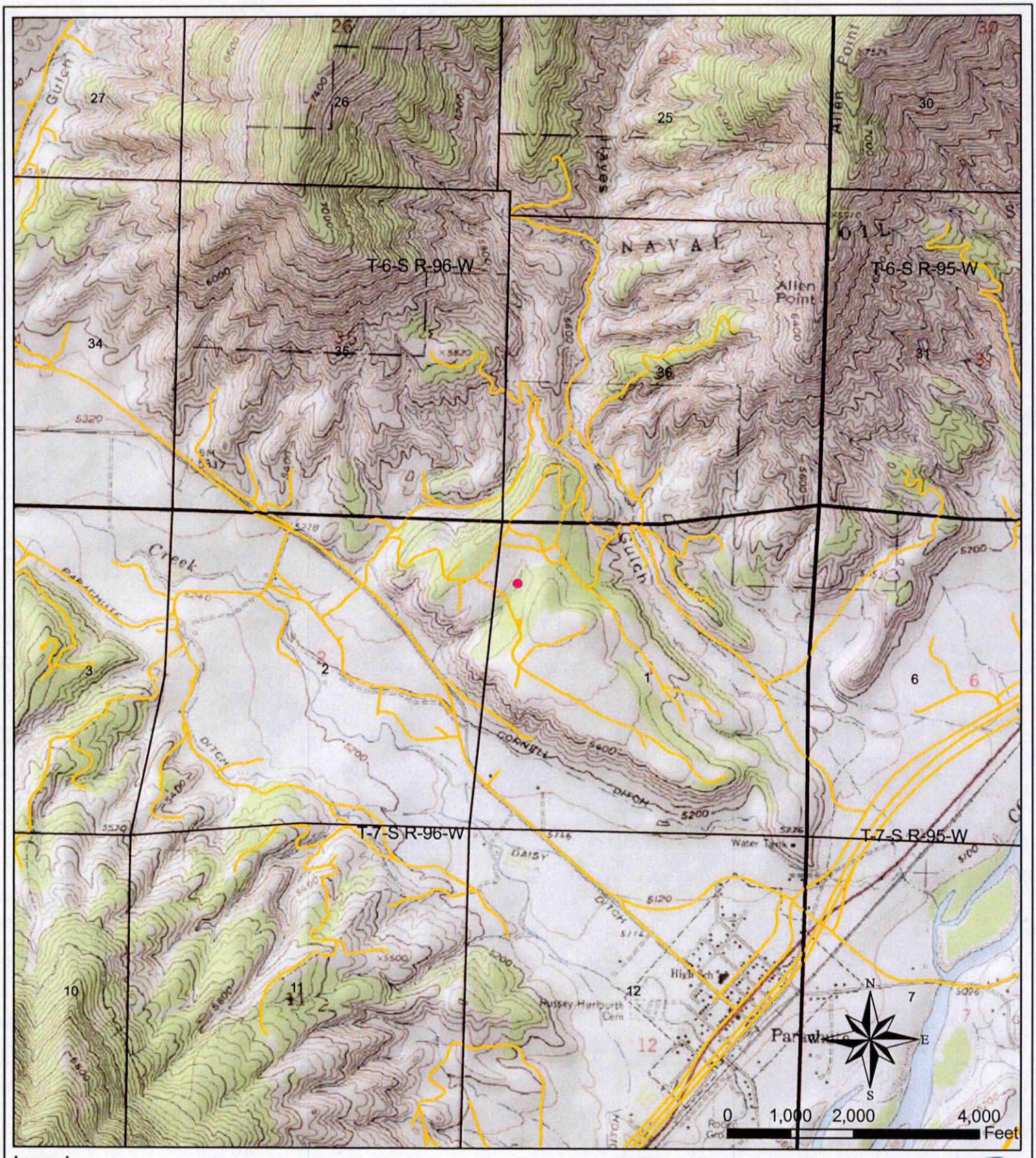
During the last form 15 meeting you asked for the correct coordinates for the three Grand Valley pits in order to get the Form 15 applications approved.

Here are the coordinates:

Grand Valley Pit #1 :	39.471484	-108.066295
Grand Valley Pit #2:	39.471029	-108.064932
Grand Valley Pit #3:	39.469651	-108.065376 ✓

Please let me know if you need anything else.
Thank you and have a great day,

Karolina Blaney
Environmental Specialist
Williams Production R.M.T.
Office: (970) 683-2295
Cell: (970) 589-0743
Fax: (970) 285-9573
karolina.blaney@williams.com



Legend

- Pit
- Road

Williams Production RMT

Pit Location Map

March 18, 2009

O:\Projects\PIC_MultiProspect\09\0223_ProposedPit\Pit_Topo.mxd klee 3/18/2009 10:16:17 AM

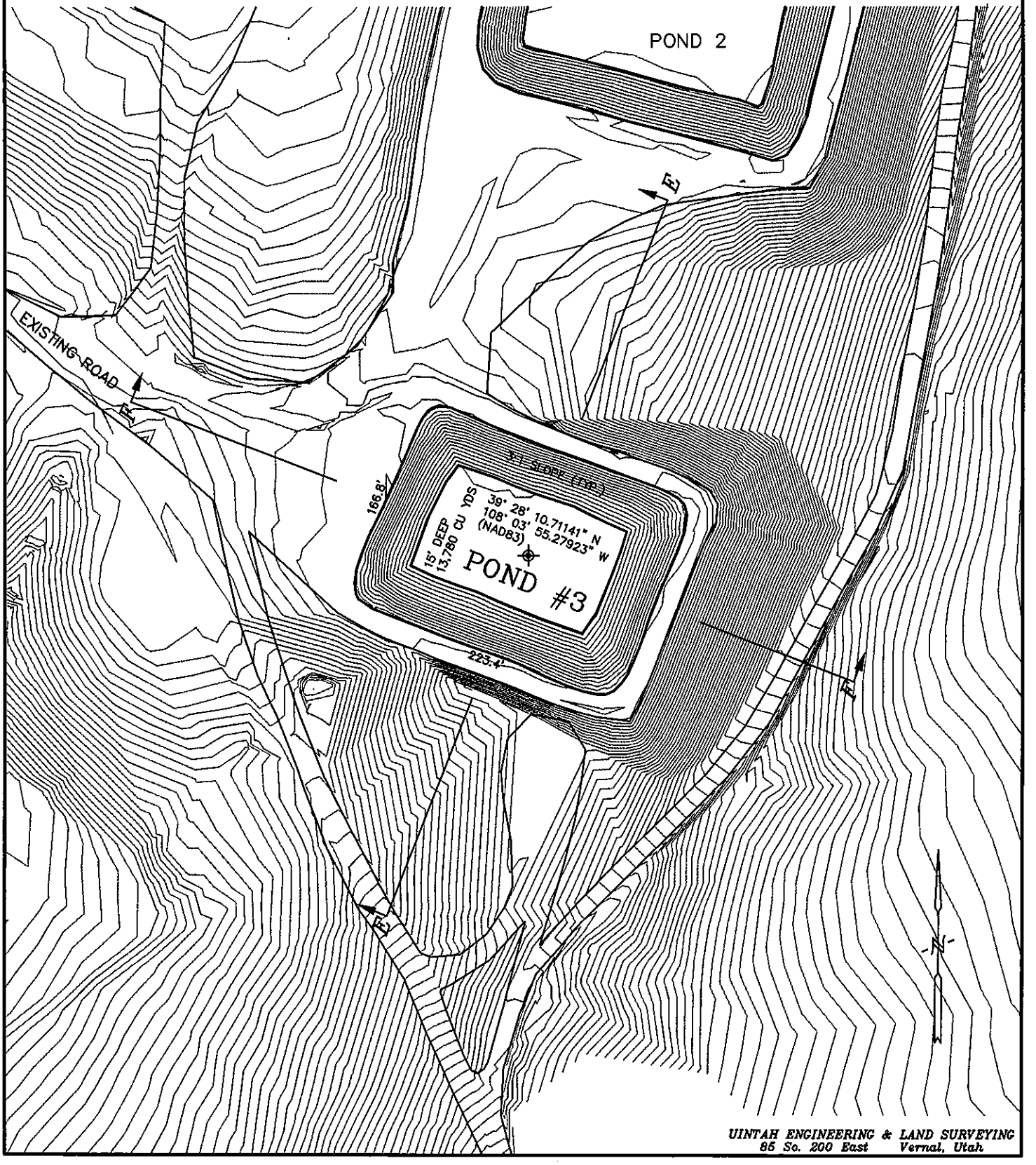
WILLIAMS PRODUCTION RMT
PARACHUTE WATER HANDLING FACILITY
POND #3 (AS-BUILT DRAWING)
LOCATED IN THE SW 1/4 NW 1/4 OF SECTION 1, T7S, R96W, 6th P.M.

SHEET 1 OF 2

100' 50' 0'

SCALE: HORIZONTAL & VERTICAL

DATE: 10-28-10
Drawn By: D.G.W.



UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East Vernal, Utah

WILLIAMS PRODUCTION RMT

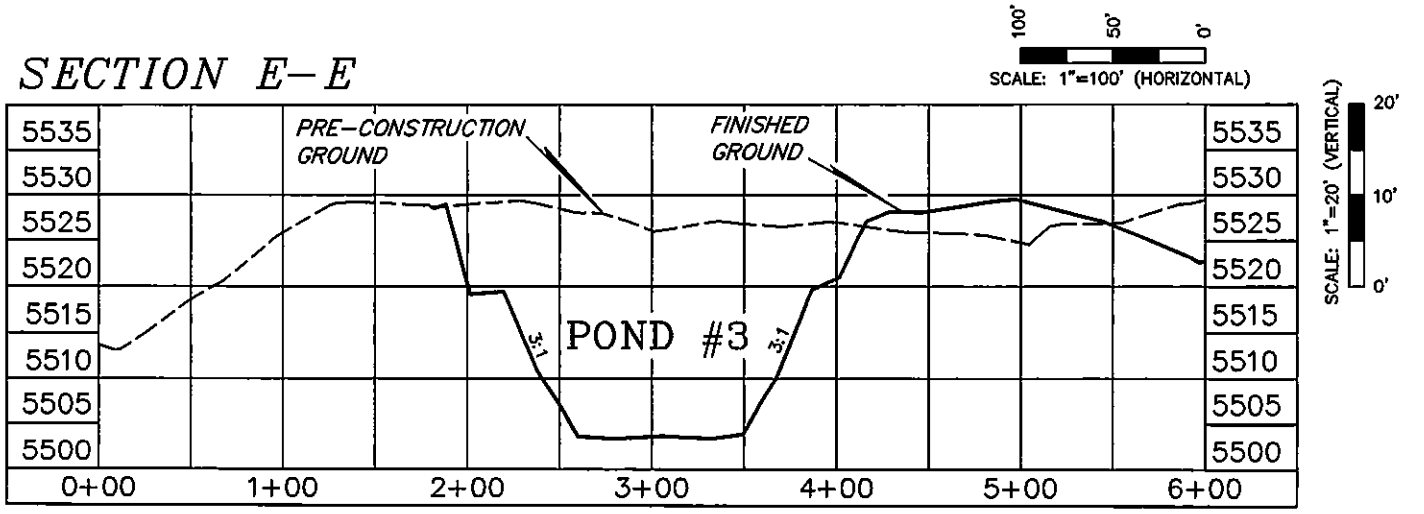
PARACHUTE WATER HANDLING FACILITY

POND #3 (AS-BUILT DRAWING)

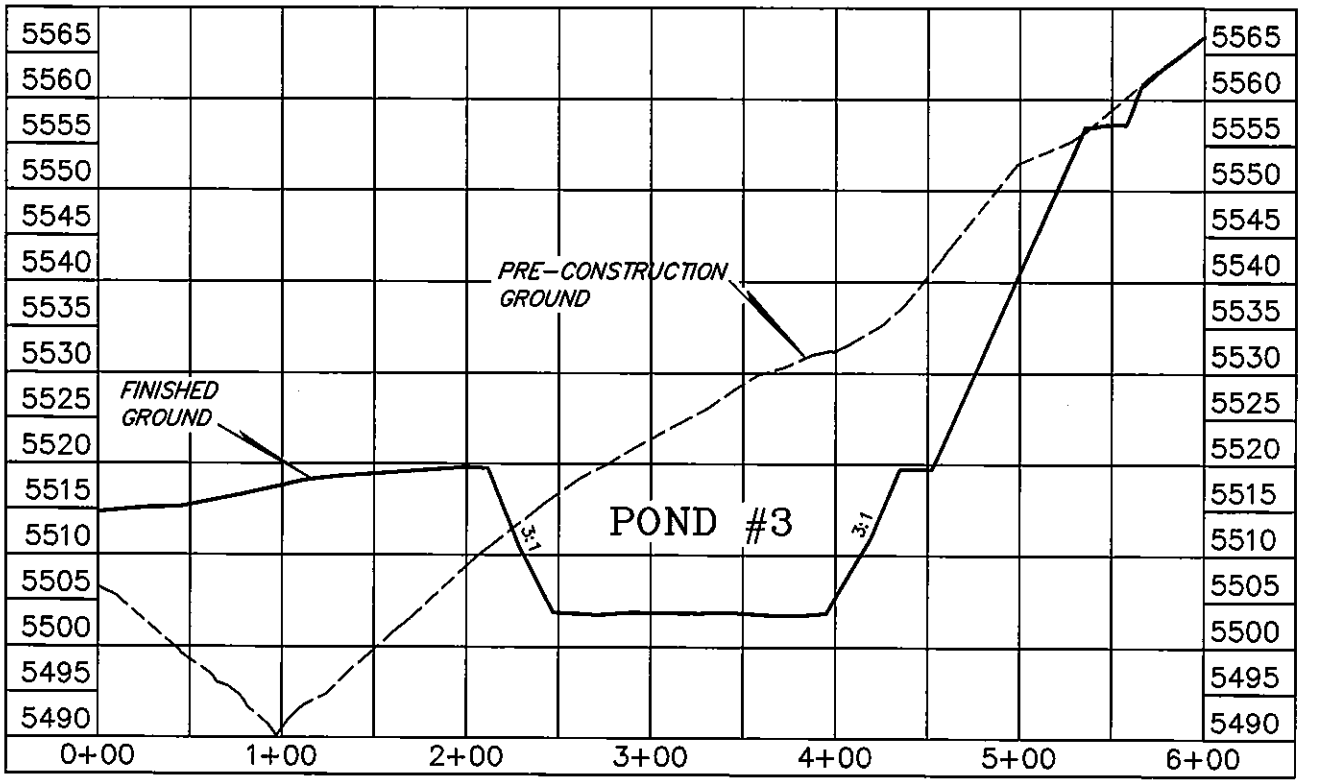
LOCATED IN THE SW 1/4 NW 1/4 OF
SECTION 1, T7S, R96W, 6th P.M.

DATE: 10-28-10
Drawn By: D.G.W.

SECTION E-E



SECTION F-F



POND #3:

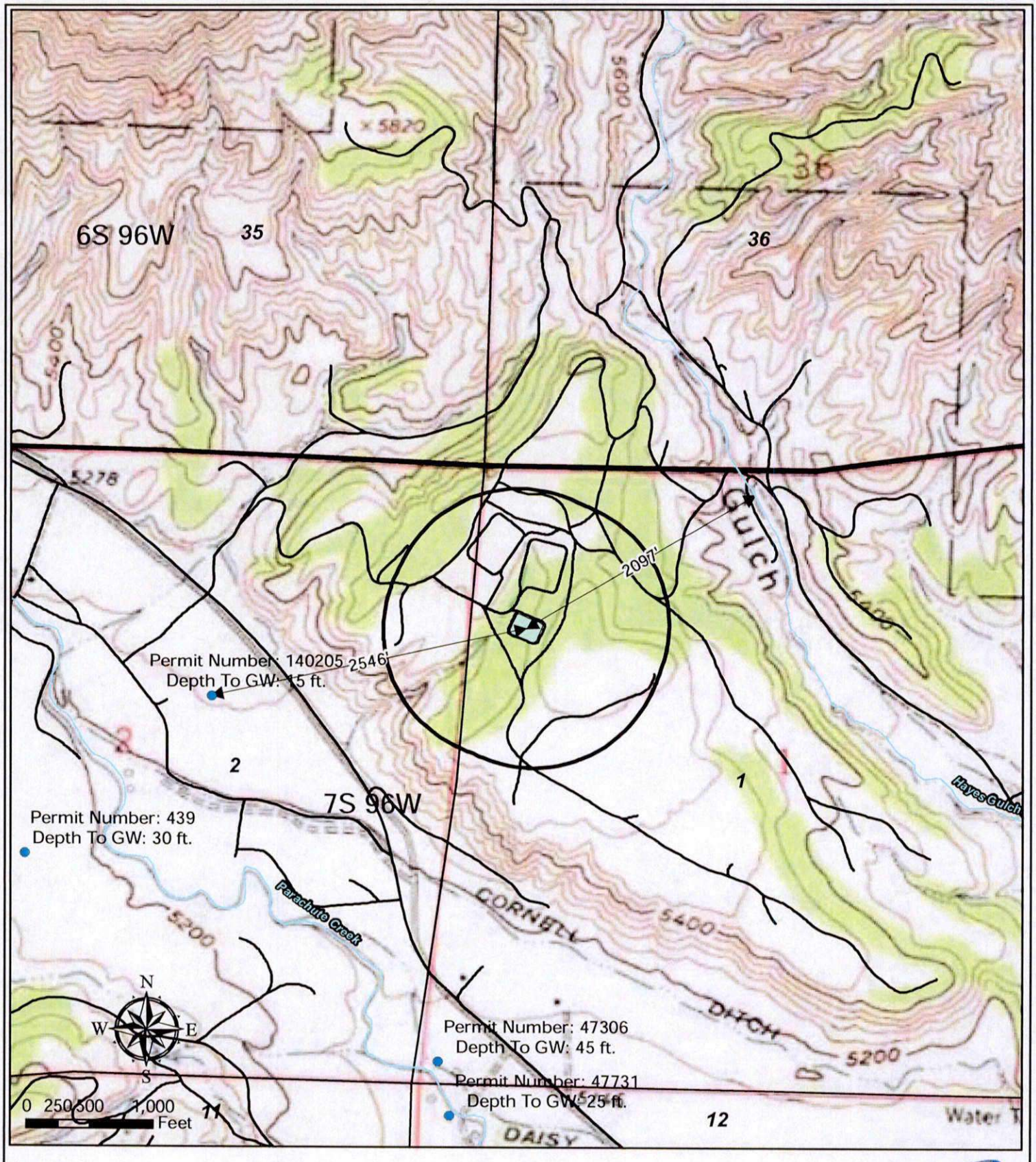
CAPACITY (FULL):

66,269 BBLS (13,780 CUBIC YARDS)

CAPACITY (WITH 2' FREEBOARD):

53,945 BBLS (11,218 CUBIC YARDS)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East Vernal, Utah



Legend

- Water Well
- Stream
- Distance Vector
- Existing Road
- 1000' Buffer
- Produced Water Pond

Williams

Williams Production RMT

Produced Water Pond Hydrology Map
T7S R96W, Section 1

T:\Projects\PIC\GrandValley\10\1027_ParachuteProducedWaterPondHydrology\Hydrology_Pond2.mxd dcollett 10/27/2010 8:40:52 AM

Sensitive Area Determination Checklist

Williams Production RMT Company			
Person(s) conducting inspection		Mark E. Mumby	11/8/2010
Site Information			
Location:	Grand Valley Pond 3		Time:
Type of Facility:	Produced Water Storage Pond		
Environmental Conditions			
Temperature (°F)			

Has the proposed, new or existing location been designated as a sensitive area?
☐ Yes ☒ No

SURFACE WATER

1. Are there any surface water features or SWSAs adjacent to or within ¼ mile of the proposed/new or existing facility?
   ☒ Yes ☐ No

   If yes, list type of surface water feature(s), i.e. rivers, creeks, streams, seeps, springs, wetlands: One unnamed ephemeral drainage

   If yes, describe location relative to facility: The unnamed ephemeral drainage is located ~570 feet southwest of the existing facility

2. Could a potential release from the facility reach surface water features?
   ☐ Yes ☒ No

   If yes, describe the pathway a release from the facility would likely follow to determine if the potential to impact surface water is high or low.

3. Is the potential to impact surface water from a facility release high or low?
   ☐ High ☒ Low

GROUNDWATER

1. Will the proposed/new or existing facility have any pits which will contain hydrocarbons and chlorides or other E&P wastes?
   ☒ Yes ☐ No
   If yes, List the pit type(s): Produced Water Storage Pond

2. Is the site of the proposed facility underlain by an unconfined aquifer or recharge zone?
   ☐ Yes ☒ No

3. Is the hydraulic conductivity of the underlying soil or geologic material $\leq 1.0x10^{-7}$ cm/sec?
   ☐ Yes ☒ No

4. Is the proposed facility located within 1/8 mile of a domestic water well or 1/4 mile of a public water supply well which would use the same aquifer?
   ☐ Yes ☒ No

5. Is the proposed facility located within a 100 year floodplain?
   ☐ Yes (*Sensitive Area*) ☒ No (*If no, proceed to question #6.*)

6. Is the depth to groundwater known?
   ☐ Yes (*If yes, follow instructions provided in 5(a) of this section).*
   ☒ No (*If no, follow instructions provided in 5(b) of this section*).

   (a) If yes, could a potential release from the proposed facility reach groundwater?
   ☐ Yes ☐ No
   If yes, explain:

   (b) If no:
   (i) Evaluate surrounding soils, topography, and vegetation which may suggest the presence of shallow groundwater.
   (ii) Gather information from surrounding well data in order to determine a depth to groundwater, i.e. State Engineers Office.
   (iii) Drill a soil boring to determine depth to groundwater or
   (iv) Model hydro geologic conditions to determine if the potential to impact groundwater is high or low.

7. Is the potential to impact ground water from the facility in the event of a release high or low?
   ☐ High ☒ Low

Additional Comments:
There is one surface water feature that was indentified during a previous site visit and desk top review. The surface water features was identified as an unnamed ephemeral drainage. The unnamed ephemeral drainage is shown on the older topographical maps to be within 500 feet of the existing facility. By COGCC decision this would place the facility within a sensitive area. However, with the construction of the three produced water ponds; the ground surface has been recontoured and the drainage as it is shown on the topographical map no longer exists. The distance to the remnants of the drainage to the south southeast of the facility is now approximately 570 feet away. A potential release if it were to migrate out of the pond would tend to migrate to the flat lying areas adjacent to the pond. Therefore the potential for a release to reach the remnants of the ephemeral drainage to the south of the facility would be practically non-existent.

Groundwater data from the state engineer's office indicates that there are no permitted water wells within ¼ mile of the existing facility. The closest permitted water well is 2,546 feet to the southwest of the facility. Based on observations during a previous site visit, field data collected from recent site investigation activities, and pit construction, it appears that the depth to groundwater, if present, in the immediate vicinity of the facility is at a depth greater than 50 feet. The pond is also lined further reducing any potential to impact groundwater.

Based on the information collected during the previous site investigation and desktop review, the potential to impact surface water features has been deemed to be low to practically non-existent high. Based on the topographical setting of the proposed facility the potential to impact ground water has been deemed low as well. Therefore the proposed facility should be designated as being in a non-sensitive area.

Inspector Signature(s): _____ Date: 11/8/2010

LINER SPECIFICATIONS

High Density Polyethylene Smooth Liner™

Product Data

Property	Test Method	Values				
Thickness (min. ave.), mil (mm)	ASTM D5199*	30 (.75)	40 (1.0)	60 (1.5)	80 (2.0)	100 (2.5)
Thickness (lowest indiv.), mil (mm)	ASTM D5199*	27 (.68)	36 (.90)	54 (1.35)	72 (1.80)	90 (2.25)
*The thickness values may be changed due to project specifications (i.e., absolute minimum thickness)						
Density, g/cc, minimum	ASTM D792, Method B	0.94	0.94	0.94	0.94	0.94
Tensile Properties (ave. both directions)	ASTM D6693, Type IV					
Strength @ Yield (min. ave.), lb/in width (N/mm)	2 in/minute	66 (11.6)	88 (15.4)	132 (23.1)	176 (30.8)	220 (38.5)
Elongation @ Yield (min. ave.), % (GL=1.3in)	5 specimens in each direction	13	13	13	13	13
Strength @ Break (min. ave.), lb/in width (N/mm)		120 (21)	160 (28)	240 (42)	320 (56)	400 (70)
Elongation @ Break (min. ave.), % (GL=2.0in)		700	700	700	700	700
Tear Resistance (min. ave.), lbs. (N)	ASTM D1004	23 (102)	30 (133)	45 (200)	60 (267)	72 (320)
Puncture Resistance (min. ave.), lbs. (N)	ASTM D4833	60 (267)	80 (356)	120 (534)	160 (712)	190 (845)
Carbon Black Content (range in %)	ASTM D4218	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3
Carbon Black Dispersion (Category)	ASTM D5596	Only near spherical agglomerates for 10 views: 9 views in Cat. 1 or 2, and 1 view in Cat. 3				
Stress Crack Resistance (Single Point NCTL), hours	ASTM D5397, Appendix	300	300	300	300	300
Oxidative Induction Time, minutes	ASTM D3895, 200°C, 1 atm O_2	≥100	≥100	≥100	≥100	≥100
Melt Flow Index, g/10 minutes	ASTM D1238, 190°C, 2.16kg	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0
Oven Aging	ASTM D5721	80	80	80	80	80
with HP OIT, (% retained after 90 days)	ASTM D5885, 150°C, 500psi O_2					
UV Resistance	GRI GM11	20hr. Cycle @ 75°C/4 hr. dark condensation @ 60°C				
with HP OIT, (% retained after 1600 hours)	ASTM D5885, 150°C, 500psi O_2	50	50	50	50	50

These product specifications meet or exceed GRI's GM13

Supply Information (Standard Roll Dimensions)

Thickness		Width		Length		Area (approx.)		Weight (average)	
mil	mm	ft	m	ft	m	ft^2	m^2	lbs	kg
30	.75	23	7	803.8	245	18,461	1,715	3,050	1,383
40	1.0	23	7	649.6	198	14,919	1,386	3,075	1,395
60	1.5	23	7	419.9	128	9,645	896	3,006	1,364
80	2.0	23	7	321.5	98	7,384	686	3,067	1,391
100	2.5	23	7	249.3	76	5,727	532	3,006	1,364

Notes:

All rolls are supplied with two slings. All rolls are wound on a 6 inch core. Special roll lengths are available on request.
All roll lengths and widths have a tolerance of ±1%

500 Garrison Road, Georgetown, South Carolina 29440 843-546-0600 800-373-2478 Fax: 843-527-2738
email: salesmkg@agruamerica.com www.agruamerica.com

LINER TEST

CLI - CLEARWATER
CONSTRUCTION

Installation Reports

for

Hayes Evap Pit

CLI - CLEARWATER CONSTRUCTION

Daily Installation Report

Date: 6/12/09
Project: HAYES EVAP PIT POND 3
Owner: WILLIAMS PRODUCTION
Engineer:
Contractor: MB CONSTRUCTION
Installation Supervisor: ROGER BARNES
Material: 60 MIL HDT, 8OZ TEXTILE

Fusion Weld __X__ **Extrusion Weld** ____

DAILY SEAM STRENGTH TEST

Date of Test	Time of Test	Ambient Air Temp.	Unit Temp.	Pre-Heat Temp.	Unit Speed	Peel Value Inside/Outside	Sheer Value	Welding Tech.	Unit No.	Pass/ Fail
6/12/09	6:00	55	800		6.7	134/135	154	JH	1662	P
						130/135	185			
						140/124				
						/				
6/12/09	6:00	55	800		7.0	153/138	163	RG	1547	P
						134/134	171			
						147/140				
						/				
						/				
						/				
						/				
						/				

DAILY RECAP

Quantity Installed	Weather	Contract Labor Hours	Equipment Maintenance / Greasing
	75&SUNNY	0	T-300

Comments: ONSITE AT 6:00AM INSTALLED LINER UNTIL 9:30AM BECAUSE I NEEDED MORE LINER . WE PULLED TEXTILE FOR THE REST OF DAY. ALL TEXTILE IS PULLED IN.

CLI - CLEARWATER CONSTRUCTION

Daily Installation Report

Date: 6/13/09
Project: HAYES EVAP PIT POND 3
Owner: WILLIAMS PRODUCTION
Engineer:
Contractor: MB CONSTRUCTION
Installation Supervisor: ROGER BARNES
Material: 60 MIL HDT, 8OZ TEXTILE

Fusion Weld X **Extrusion Weld** X

DAILY SEAM STRENGTH TEST

Date of Test	Time of Test	Ambient Air Temp	Unit Temp	Pre-Heat Temp	Unit Speed	Peel Value Inside/Outside	Sheer Value	Welding Tech	Unit No.	Pass/ Fail
6/13/09	6:10	57	800		7.0	134/131	173	RG	1547	P
						130/130	169			
						135/134				
						/				
6/13/09	6:15	57	800		7.5	131/130	154	JH	1662	P
						134/134	151			
						136/124				
						/				
6/13/09	1:40	79	500	400		80/	136	SS	1549	P
						82/	132			
						90/				
						/				

DAILY RECAP

Quantity Installed	Weather	Contract Labor Hours	Equipment Maintenance / Greasing
	79&WINDY	0	T-300

Comments: RAN WEST TIE IN, PULLED LINER UNTIL 12:00. WINDY AFTER LUNCH SO WE AIRTESTED, REPAIRED & V-BOXED. ALL LINER IS 100%. PICKED UP TRASH & SANDBAGGED.

CLI - CLEARWATER CONSTRUCTION

Daily Installation Report

Date: 6/14/09
Project: HAYES EVAP PIT POND 3
Owner: WILLIAMS PRODUCTION
Engineer:
Contractor: MB CONSTRUCTION
Installation Supervisor: ROGER BARNES
Material: 60 MIL HDT, 8OZ TEXTILE

Fusion Weld X **Extrusion Weld** X

DAILY SEAM STRENGTH TEST

Date of Test	Time of Test	Ambient Air Temp	Unit Temp	Pre-Heat Temp	Unit Speed	Peel Value Inside/Outside	Sheer Value	Welding Tech	Unit No	Pass/ Fail
6/14/09	6:00	59	800		7.5	133/144	164	JH	1662	P
						137/122	166			
						146/133				
						/				
6/14/09	6:00	59	800		7.0	134/142	168	RG	1547	P
						137/127	162			
						133/136				
						/				
6/14/09	2:08	81	500	400		96/	137	JL	1549	P
						106/	140			
						110/				
						/				

DAILY RECAP

Quantity Installed	Weather	Contract Labor Hours	Equipment Maintenance / Greasing
	80&SUNNY	0	T-300

Comments: PULLED LINER UNTIL 12:30. DID REPAIRS AND TESTING THE REST OF DAY. OFFSITE AT 4:00PM. THE POND IS BLACKED OUT

CLI - CLEARWATER CONSTRUCTION

Daily Installation Report

Date: 6/15/09
Project: HAYES EVAP PIT POND 3
Owner: WILLIAMSM PRODUCTION
Engineer:
Contractor: MB CONSTRUCTION
Installation Supervisor: ROGER BARNES
Material: 60 MIL HD 8OZ TEXTILE

Fusion Weld X **Extrusion Weld** ____

DAILY SEAM STRENGTH TEST

Date of Test	Time of Test	Ambient Air Temp.	Unit Temp.	Pre-Heat Temps	Unit Speed	Peel Value (Inside/Outside)	Sheer Value	Welding Tech	Unit No.	Pass/ Fail
6/15/09	6:00	54	800		7.0	123/128	169	RG	1547	P
						125/120	163			
						115/109				
6/15/09	6:00	54	800			126/128	138	JH	1662	P
						127/113	148			
						131/132				
6/15/09	7:40	66	525	400		99/	146	JL	1549	P
						124/	144			
						99/				
6/15/09	12:45	80	525	350		111/	138	JL	1549	P
						111/	134			
						131/				

DAILY RECAP

Quantity Installed	Weather	Contract Labor Hours	Equipment Maintenance / Greasing
0	80&SUNNY	0	T-300

Comments: RAN EAST TIE IN. AIRTESTED, DID REPAIRS, V-BOXED AND BUILT BOOT. PICKED UP TRASH AND SANDBAGS. LOADED TRAILERS. JOB IS DONE.

CLI - CLEARWATER CONSTRUCTION

Daily Installation Report

Date: 6/11/09
Project: HAYES EVAP PIT POND 3
Owner: WILLIAMS PRODUCTION
Engineer:
Contractor: MB CONSTRUCTION
Installation Supervisor: ROGER BARNES
Material: 60 MIL HDT, 8OZ TEXTILE

Fusion Weld ____ **Extrusion Weld ____**

DAILY SEAM STRENGTH TEST

Date of Test	Time of Test	Ambient Air Temp.	Unit Temp.	Pre-Heat Temp.	Unit Speed	Peel Value Inside/Outside	Sheer Value	Welding Tech.	Unit No.	Pass/ Fail
						/				
						/				
						/				
						/				
						/				
						/				
						/				
						/				
						/				
						/				
						/				
						/				

DAILY RECAP

Quantity Installed	Weather	Contract Labor Hours	Equipment Maintenance / Greasing
0	RAIN	0	T-300

Comments: ONSITE AT 6:00AM -RAIN SERVICED BOBCAT AND WAITED FOR RAIN TO STOP UNTIL 8:00AM. OFFSITE- CAME BACK AT 12:00 MORE RAIN NO WORK

CLI - CLEARWATER CONSTRUCTION

Daily Installation Report

Date: 6/12/09
Project: HAYES EVAP PIT POND 3
Owner: WILLIAMS PRODUCTION
Engineer:
Contractor: MB CONSTRUCTION
Installation Supervisor: ROGER BARNES
Material: 60 MIL HDT, 8OZ TEXTILE

Fusion Weld __X__ **Extrusion Weld** _____

DAILY SEAM STRENGTH TEST

Date of Test	Time of Test	Ambient Air Temp.	Unit Temp.	Pre-Heat Temp.	Unit Speed	Peel Value Inside/Outside	Sheer Value	Welding Tech.	Unit No.	Pass/ Fail
6/12/09	6:00	55	800		6.7	134/135	154	JH	1662	P
						130/135	185			
						140/124				
						/				
6/12/09	6:00	55	800		7.0	153/138	163	RG	1547	P
						134/134	171			
						147/140				
						/				
						/				
						/				
						/				
						/				

DAILY RECAP

Quantity Installed	Weather	Contract Labor Hours	Equipment Maintenance / Greasing
	75&SUNNY	0	T-300

Comments: ONSITE AT 6:00AM INSTALLED LINER UNTIL 9:30AM BECAUSE I NEEDED MORE LINER . WE PULLED TEXTILE FOR THE REST OF DAY. ALL TEXTILE IS PULLED IN.

CLI - CLEARWATER CONSTRUCTION

Daily Installation Report

Date: 6/13/09
Project: HAYES EVAP PIT POND 3
Owner: WILLIAMS PRODUCTION
Engineer:
Contractor: MB CONSTRUCTION
Installation Supervisor: ROGER BARNES
Material: 60 MIL HDT, 8OZ TEXTILE

Fusion Weld X **Extrusion Weld** X

DAILY SEAM STRENGTH TEST

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						/				
6/13/09	6:15	57	800		7.5	131/130	154	JH	1662	P
						134/134	151			
						136/124				
						/				
6/13/09	1:40	79	500	400		80/	136	SS	1549	P
						82/	132			
						90/				
						/				

DAILY RECAP

Quantity Installed	Weather	Contract Labor Hours	Equipment Maintenance / Greasing
	79&WINDY	0	T-300

Comments: RAN WEST TIE IN, PULLED LINER UNTIL 12:00. WINDY AFTER LUNCH SO WE AIRTESTED, REPAIRED & V-BOXED. ALL LINER IS 100%. PICKED UP TRASH & SANDBAGGED.

CLI - CLEARWATER CONSTRUCTION

Daily Installation Report

Date: 6/14/09
Project: HAYES EVAP PIT POND 3
Owner: WILLIAMS PRODUCTION
Engineer:
Contractor: MB CONSTRUCTION
Installation Supervisor: ROGER BARNES
Material: 60 MIL HDT, 8OZ TEXTILE

Fusion Weld X **Extrusion Weld** X

DAILY SEAM STRENGTH TEST

Date of Test	Time of Test	Ambient Air Temp.	Unit Temp	Pre-Heat Temp	Unit Speed	Peel Value Inside/Outside	Sheer Value	Welding Tech.	Unit No.	Pass/ Fail
6/14/09	6:00	59	800		7.5	133/144	164	JH	1662	P
						137/122	166			
						146/133				
						/				
6/14/09	6:00	59	800		7.0	134/142	168	RG	1547	P
						137/127	162			
						133/136				
						/				
6/14/09	2:08	81	500	400		96/	137	JL	1549	P
						106/	140			
						110/				
						/				

DAILY RECAP

Quantity Installed	Weather	Contract Labor Hours	Equipment Maintenance / Greasing
	80&SUNNY	0	T-300

Comments: PULLED LINER UNTIL 12:30. DID REPAIRS AND TESTING THE REST OF DAY. OFFSITE AT 4:00PM. THE POND IS BLACKED OUT

CLI - CLEARWATER CONSTRUCTION

Daily Installation Report

Date: 6/15/09
Project: HAYES EVAP PIT POND 3
Owner: WILLIAMSM PRODUCTION
Engineer:
Contractor: MB CONSTRUCTION
Installation Supervisor: ROGER BARNES
Material: 60 MIL HD 8OZ TEXTILE

Fusion Weld X **Extrusion Weld** ____

DAILY SEAM STRENGTH TEST

Date of Test	Time of Test	Ambient Air Temp	Unit Temp	Pre-Heat Temp	Unit Speed	Peel Value	Sheer Value	Welding Tech	Unit No	Pass/ Fail
6/15/09	6:00	54	800		7.0	123/128	169	RG	1547	P
						125/120	163			
						115/109				
6/15/09	6:00	54	800			126/128	138	JH	1662	P
						127/113	148			
						131/132				
6/15/09	7:40	66	525	400		99/	146	JL	1549	P
						124/	144			
						99/				
6/15/09	12:45	80	525	350		111/	138	JL	1549	P
						111/	134			
						131/				

DAILY RECAP

Quantity Installed	Weather	Contract Labor Hours	Equipment Maintenance / Greasing
0	80&SUNNY	0	T-300

Comments: RAN EAST TIE IN. AIRTESTED, DID REPAIRS, V-BOXED AND BUILT BOOT. PICKED UP TRASH AND SANDBAGS. LOADED TRAILERS. JOB IS DONE.

CLI - CLEARWATER CONSTRUCTION

Quality Control Air Testing

POND#3

Project: HAYES EVAP PIT
Owner: WILLIAMS PRODUCTION
Engineer:
Contractor: MB CONSTRUCTION
Supervisor: ROGER BARNES
Material: 60 MIL HDT, 8OZ TEXTILE

Date of Test	Start Time	End Time	Seam No.	Seam Length	AC	AL	VB	ST	Pass/Fail	Welding Technician	Welder No.	Welder Speed	Welder Temp.
6/13/09	1:35	1:40	16-18	0-18	X				33-32	W TIE IN JH	1662	7.5	800
"	"	"	15-18	18-26	X				31-30	" JH	"	"	"
"	1:45	1:50	15-17	26-49	X				32-32	" JH	"	"	"
"	"	"	1-17	49-60	X				33-31	" JH	"	"	"
"	1:57	2:203	1-14	60-75	X				31-30	" JH	"	"	"
"	2:00	2:05	1-13	75-97	X				31-30	" JH	"	"	"
"	2:05	2:10	1-12	97-120	X				31-30	" JH	"	"	"
"	2:08	2:13	1-11	120-143	X				32-32	" JH	"	"	"
"	2:13	2:18	1-2	143-165	X				32-31	" JH	"	"	"
"	2:17	2:23	1-3	165-189	X				32-32	" RG	1547	7.0	800
"	2:22	2:27	1-4	189-211	X				32-31	" RG	"	"	"
"	2:30	2:35	1-5	211-234	X				33-32	" RG	"	"	"
"	2:40	2:45	1-6	234-245	X				33-32	" RG	"	"	"
"	"	"	6-9	245-262	X				31-31	" RG	"	"	"
"	2:50	2:55	7-9	262-277	X				31-30	" RG	"	"	"
"	2:53	2:58	7-10	277-299	X				32-32	" RG	"	"	"
"	2:56	3:01	8-10	299-308	X				31-30	W TIE IN END RG	1547	7.0	800
"	2:53	2:58	9-10	30'	X				32-31	N WALL TO W TIE IN RG	"	"	"
"	2:47	2:53	1-9	55'	X				32-31	" JH	1662	7.5	800
"	1:45	1:50	17-18	26'	X				33-33	S WALL TO W TIE IN JH	"	"	"
6/13/09	1:57	2:03	1-17	52	X				52	" RG	1547	7.0	800

AC=Air Channel Test AL=Air Lance Test VB=Vacuum Box Test ST=Spark Test

CLI - CLEARWATER CONSTRUCTION

Quality Control Air Testing

Project: HAYES EVAP PIT POND 3
Owner: WILLIAMS PRODUCTION
Engineer:
Contractor: MB CONSTRUCTION
Supervisor: ROGER BARNES
Material: 60 MIL HDT, 8OZ TETILE

Date of Test	Start Time	End Time	Seam No.	Seam Length	AC	AL	VB	ST	Pass/Fail	Welding Technician	Welder No.	Welder Speed	Welder Temp.
6/13/09	1:35	1:40	15-16	19'	X				31-31	W WALL RG	1547	7.0	800
"	1:45	1:50	14-15	43'	X				32-31	" JH	1662	7.5	800
"	2:00	2:05	13-14	53'	X				32-31	" RG	1547	7.0	800
"	2:05	2:10	12-13	53'	X				32-32	" JH	1662	7.5	800
"	2:07	2:12	11-12	54'	X				33-32	" RG	1547	7.0	800
"	2:13	2:18	2-11	54'	X				33-32	" JH	1662	7.5	800
"	2:17	2:23	2-3	54'	X				33-32	" JH	"	"	"
"	2:22	2:27	3-4	53'	X				33-32	" RG	1547	7.0	800
"	2:30	2:35	4-5	53'	X				32-31	" JH	1662	7.2	800
"	2:29	2:34	5-6	54'	X				32-31	" RG	1547	7.0	800
"	2:50	2:55	6-7	42'	X				32-32	" JH	1662	7.5	800
"	2:57	3:02	7-8	11'	X				32-31	" RG	1547	7.0	800
"	3:20	3:25	1-19	292'	X				33-32	FLOOR JH	1662	7.5	800
"	3:25	3:30	19-20	12'	X				33-31	" RG	1547	7.0	800
"	"	"	"	12-292	X				33-31	"	"	"	"
"	3:35	3:40	20-22	181'	X				32-31	" JH	1662	7.5	800
"	"	"	20-21	181-292	X				32-32	" JH	"	"	"
"	3:51	3:56	22-23	181'	X				32-32	" RG	1547	7.0	800
"	"	"	21-23	181-225	X				32-31	" RG	"	"	"
"	3:54	3:59	21-24	225-292	X				32-31	" RG	"	"	"
6/13/09	3:35	3:40	21-22	23'	X				31-30	CROSS JH	1662	7.5	800

AC=Air Channel Test AL=Air Lance Test VB=Vacuum Box Test ST=Spark Test

CLI - CLEARWATER CONSTRUCTION

Quality Control Air Testing

Project: HAYES EVAP PIT POND 3
Owner: WILLIAMS PRODUCTION
Engineer:
Contractor: MB CONSTRUCTION
Supervisor: ROGER BARNES
Material: 60 MIL HDT, 8OZ TEXTILE

Date of Test	Start Time	End Time	Seam No.	Seam Length	A C	A L	V B	S T	Pass/Fail	Welding Technician	Welder No.	Welder Speed	Welder Temp.
6/13/09	3:54	3:59	23-24	23'	X				32-31	CROSS RG	1547	7.0	800
"	4:04	4:09	23-25	225'	X				32-31	FLOOR RG	"	"	"
"	"	"	24-25	225-292	X				32-32	"	"	"	"
"	4:14	4:19	25-27	243'	X				31-30	"	"	"	"
"	"	"	25-26	243-292	X				33-32	"	"	"	"
"	"	"	26-27	23'	X				31-30	CROSS RG	"	"	"
"	4:30	4:35	27-28	162'	X				32-31	FLOOR RG	"	"	"
"	4:47	4:53	27-29	162-243	X				32-31	"	"	"	"
"	"	"	26-29	243-292	X				33-33	"	"	"	"
"	4:50	4:55	28-29	23'	X				33-33	CROSS JH	1662	7.6	800
"	4:48	4:53	28-31	51'	X				34-32	FLOOR	"	"	"
"	4:37	4:41	28-30	51-162	X				31-30	" JH	"	"	"
"	4:36	4:43	29-30	162-292	X				33-31	" JH	"	"	"
"	4:47	4:52	31-30	23'	X				34-33	CROSS JH	"	"	"
6/14/09	2:15	2:20	31-30	51'	X				32-31	FLOOR JH	"	"	"
"	"	"	30-32	51-292	X				34-32	" JH	"	"	"
"	2:17	2:22	32-33	122	X				34-32	" RG	1547	7.0	800
"	"	"	33-34	23'	X				32-30	CROSS RG	"	"	"
"	"	"	32-34	122-163	X				32-31	FLOOR RG	"	"	"
"	2:30	2:35	34-35	23'	X				34-33	CROSS	"	"	"
6/14/09	2:33	2:38	32-35	163-209	X				34-34	FLOOR RG	1547	7.0	800

AC=Air Channel Test AL=Air Lance Test VB=Vacuum Box Test ST=Spark Test

CLI - CLEARWATER CONSTRUCTION

Quality Control Air Testing

Project: HAYES EVAP PIT POND 3
Owner: WILLIAMS PRODUCTION
Engineer:
Contractor: MB CONSTRUCTION
Supervisor: ROGER BARNES
Material: 60 MIL HDT, 8OZ TEXTILE

Date of Test	Start Time	End Time	Seam No.	Seam Length	AC	AL	VB	ST	Pass/Fail	Welding Technician	Welder No.	Welder Speed	Welder Temp.
6/14/09	2:43	2:48	35-36	23'	X				33-32	CROSS RG	1547	7.0	800
"	2:47	2:52	32-36	209-242	X				34-32	FLOOR RG	"	"	"
"	2:55	3:00	36-37	23'	X				32-30	CROSS JH	1662	7.5	800
"	"	"	32-37	242-292	X				33-31	FLOOR JH	"	"	"
"	2:31	2:36	33-38	120	X				33-32	FLOOR JH	"	"	"
"	"	"	34-38	120-162	X				34-33	"	"	"	"
"	"	"	35-38	162-209	X				34-33	"	"	"	"
"	2:47	2:52	36-38	209-242	X				34-34	"	"	"	"
"	2:55	3:00	37-38	242-292	X				34-32	"	"	"	"
"	3:04	3:09	41-38	222'	X				35-33	" RG	1547	7.0	800
6/15/09	8:53	8:58	41-39	23'	X				33-33	CROSS RG	"	"	"
6/14/09	3:04	3:09	38-39	222-292	X				32-30	FLOOR RG	"	"	"
6/15/09	7:35	7:40	55-57	0-9	X				32-31	E TIE IN RG	1547	"	"
"	"	"	54-57	9-23	X				34-34	"	"	"	"
"	7:44	7:49	54-56	23-44	X				33-32	"	"	"	"
"	7:53	7:58	53-56	44-56	X				34-33	"	"	"	"
"	"	"	53-40	56-71	X				34-34	"	"	"	"
"	8:03	8:08	52-40	71-93	X				34-32	"	"	"	"
"	8:11	8:16	51-40	93-116	X				33-33	"	"	"	"
"	8:13	8:18	50-40	116-139	X				33-31	"	"	"	
6/15/09	8:17	8:22	41-40	139-162	X				34-32	E TIE IN CONT. JH	1662	7.0	800

AC=Air Channel Test AL=Air Lance Test VB=Vacuum Box Test ST=Spark Test

CLI - CLEARWATER CONSTRUCTION

Quality Control Air Testing

Project: HAYES EVAP PIT POND 3
Owner: WILLIAMS PRODUCTION
Engineer:
Contractor: MB CONSTRUCTION
Supervisor: ROGER BARNES
Material: 60 MIL HT,D 8OZ TEXTILE

Date of Test	Start Time	End Time	Seam No.	Seam Length	AC	AL	VB	ST	Pass/Fail	Welding Technician	Welder No.	Welder Speed	Welder Temp.
6/15/09	8:38	8:43	40-42	162-183	X				34-34	E TIE IN CONT. JH	1662	7.0	800
"	"	"	40-43	183-206	X				34-32	" JH	"	"	"
"	8:48	8:53	40-44	206-220	X				32-31	"	"	"	"
"	9:00	9:05	39-45	220-229	X				33-32	"	"	"	"
"	9:08	9:13	45--48	229-259	X				33-32	"	"	"	"
"	"	"	45-48	259-264	X				33-32	"	"	"	"
"	9:18	9:23	46-49	264-288	X				33-32	"	"	"	"
"	9:18	9:23	47-49	288-298	X				33-32	E TIE IN END JH	1662	7.0	800
"	8:53	8:58	39-48	56'	X				34-33	N WALL TO E TIE IN JH	"	"	"
"	9:10	9:15	48-49	32'	X				33-31	" RG	1547	7.0	800
"	9:18	9:23	46-47	10'	X				32-31	E WALL JH	1662	7.5	800
"	9:08	9:13	45-46	36'	X				33-33	" JH	"	"	"
"	8:53	8:58	44-45	56'	X				34-34	" RG	1547	7.5	800
"	8:48	8:53	43-44	55'	X				33-33	" JH	1662	7.5	800
"	8:38	8:43	42-43	53'	X				33-31	" RG	1547	7.0	800
"	"	"	41-42	54'	X				34-33	" JH	1662	7.5	800
"	8:17	8:22	41-50	52'	X				32-31	" "	"	"	"
"	8:13	8:18	50-51	51'	X				34-33	" RG	1547	7.0	800
"	8:03	8:08	51-52	50'	X				33-33	" JH	1662	7.5	800
"	"	"	52-53	50'	X				35-33	" RG	1547	7.0	800
"	7:48	7:53	53-54	39'	X				32-31	" RG	"	"	"

AC=Air Channel Test AL=Air Lance Test VB=Vacuum Box Test ST=Spark Test

CLI - CLEARWATER CONSTRUCTION

Quality Control Air Testing

Project: HAYES EVAP PIT POND 3
Owner: WILLIAMS PRODUCTION
Engineer:
Contractor: MB CONSTRUCTION
Supervisor: ROGER BARNES
Material: 60 MIL HDT, 8OZ TEXTILE

Date of Test	Start Time	End Time	Seam No.	Seam Length	A C	A L	V B	S T	Pass/Fail	Welding Technician	Welder No.	Welder Speed	Welder Temp.
6/15/09	7:35	7:40	54-55	10'	X				33-32	E WALL END JH	1662	7.5	800
"	7:53	7:58	40-56	51'	X				35-34	S WALL TO E TIE IN	1547	7.0	800
"	7:44	7:49	56-57	25'	X				33-33	S WALL TO E TIE IN END JH	1662	7.5	800

AC=Air Channel Test AL=Air Lance Test VB=Vacuum Box Test ST=Spark Test

CLI / CLEARWATER
1062 Singing Hills Road Parker, Colorado 80138 / 1-800-524-8672 / 303-841-2022 / Fax 303-841-5780 / www.coloradolining.com

CLI - CLEARWATER CONSTRUCTION

POND#3
Panel Placement Log

Project: HAYES EVAP PIT
Owner: WILLIAMS PRODUCTION
Engineer:
Contractor: MB CONSTRUCTION
Supervisor: ROGER BARNES
Material: 60 MIL HDT, 8OZ TEXTILE

Panel No.	Roll Number	Date	Material Type	Width	Length
1	0118	6/12/09	60 MIL HD	23	300'
2	"	"	"	"	59'
3	"	"	"	"	58'
4	9747	"	"	"	59'
5	"	"	"	"	60'
6	"	"	"	"	59'
7	"	"	"	"	47'
*P7-8	"	"	"	"	21'
9	0224	"	"	"	59'
10	"	"	"	"	36'
11	"	"	"	"	59'
12	"	"	"	"	58'
13	"	"	"	"	59'
14	"	"	"	"	58'
15	"	"	"	"	47'
16	"	"	"	"	22'
17	0109	"	"	"	58'
18	"	6/12/09	"	"	34'
19	"	6/13/09	"	"	300'
20	0121	"	"	"	300'
21	"	"	"	"	120'
22	0119	"	"	"	182'
23	"	"	"	"	238'
24	0116	"	"	"	71'
25	"	6/13/09	"	"	298'

CLI - CLEARWATER CONSTRUCTION

Panel Placement Log

Project: HAYES EVAP PIT
Owner: WILLIAMS PRODUCTION
Engineer:
Contractor: MB CONSTRUCTION
Supervisor: ROGER BARNES
Material: 60 MIL HDT, 8OZ TEXTILE

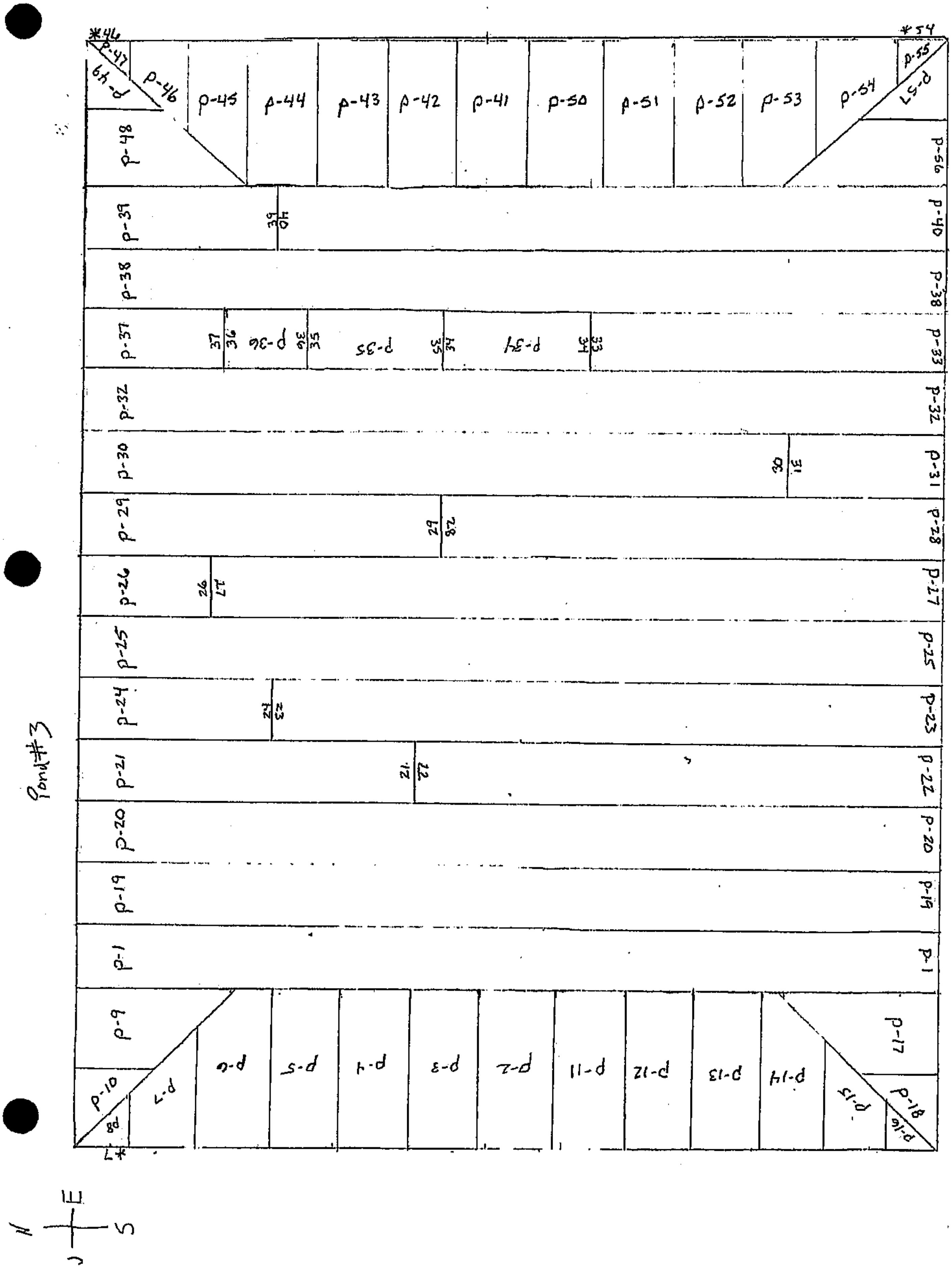
Panel No	Roll Number	Date	Material Type	Width	Length
26	0116	6/13/09	60 MIL HD	23	51'
27	0115	"	"	"	247'
28	"	"	"	"	173'
29	0110	"	"	"	132'
30	"	"	"	"	245'
31	9745	"	"	"	55'
32	0120	6/14/09	"	"	294'
33	"	"	"	"	126'
34	0110	"	"	"	43'
35	0105	"	"	"	50'
36	9747	"	"	"	38'
37	0123	"	"	"	52'
38	"	"	"	"	293'
39	"	"	"	"	75'
40	0111	"	"	"	220'
41	"	"	"	"	57'
42	"	"	"	"	57'
43	"	"	"	"	59'
44	9748	"	"	"	60'
45	"	"	"	"	61'
46	"	"	"	"	44'
*P4647	"	"	"	"	14'
48	"	"	"	"	63'
49	"	"	"	"	39'
50	"	"	"	"	56'

CLI - CLEARWATER CONSTRUCTION

Panel Placement Log

Project: HAYES EVAP PIT POND 3
Owner: WILLIAMS PRODUCTION
Engineer:
Contractor: MB CONSTRUCTION
Supervisor: ROGER BARNES
Material: 60 MIL HDT, 8OZ TEXTILE

Panel No.	Roll Number	Date	Material Type	Width	Length
51	9748	6/14/09	60 MIL HD	23'	56'
52	0113	"	"	"	56'
53	"	"	"	"	54'
54	"	"	"	"	43'
*54-55	"	"	"	"	19'
56	"	"	"	"	56'
57	0113	6/14/09	"	"	31'


Pond #3
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CLI - CLEARWATER CONSTRUCTION

Sub grade Acceptance

Date: 6/17/09

Project:	**HAYES EVAP PIT**
Owner:	**WILLIAMS PRODUCTION**
Engineer:	
Contractor:	**MB CONSTRUCTION**
Installation Supervisor:	**ROGER BARNES**
Material:	**60 MIL HDT, 8 OZ TEXTILE**

Is surface acceptable for placement of geomembranes? Yes ✓ No ___

Comments _____

Date: 6/17/09

Accepted By Representative of Owner/Owner (Signature) _____

I certify that I am a representative with the authority to provide this acceptance and recognize that if this is not a true statement that I will be held personally responsible for the integrity of the inspection.

Print Name/Title: RICHARD TENINTY SUPERVISOR

Company: MB

Witnessed By Representative of CLC (Signature) _____

Print Name/Title Roger Barnes Super

This document only applies to the acceptability of the surface conditions for the installation of the geosynthetic products. Colorado Lining Construction (CLC) does not accept responsibility for anchor trench elevation or design, elevation points for construction, sub-grade compaction, moisture content of neither the sub-grade nor the surface maintenance during deployment. The structural integrity of the sub-grade and maintenance of these conditions are the responsibility of the owner, engineer or contractor. Furthermore, any incidental damage to the liner or seams (e.g. groundwater, gases, cover soil placement and sub-grade movement) during or after the installation is not covered by any warranty expressed or implied and the design, engineering and construction are the responsibility of the owner, engineer and/or contractor.

CLI - CLEARWATER CONSTRUCTION

Geomembrane Installation Approval

Project:	HAYES EVAP PIT
Owner:	WILLIAMS PRODUCTION
Engineer:	
Contractor:	MB CONSTRUCTION
Supervisor:	ROGER BARNES
Material:	60 MIL HDT, 8 OZ TEXTILE

The Geomembrane on this project has been installed, inspected and tested in accordance with Industry Standards and Manufacturer recommendations.

Date: 6/17/09

Accepted By: (Signature) Richard Tenuty

Print Name/Title: RICHARD TENUTY

Company: MB

Comments:

All warranties to begin on the date of completion.
Warranties to be issued upon receipt of final payment

HIS MEMORANDUM is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

AME OF CARRIER: PICK UP @ PLANT | CARRIER'S NO. | DATE: 5/18/2009 | B/L NO. 001472

ECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading,
e property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said carrier (the word carrier
id throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deli
o. rrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or s
id , erty, that every service to be performed hereunder, shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classifications in effect on the
reof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.
hipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and condi
e hereby agreed to by the shipper and accepted for himself and his assigns.

COLORADO LINING COMPANY
CUSTOMER TO PICK UP AT PLANT

FROM: SHIPPER (ORIGIN)

AGRU/AMERICA, INC.
2000 East Newlands Drive
Fernley, NV 89408
(775)835-8282

EMERGENCY RESPONSE PHONE NO.

TO: CONSIGNEE
DESTINATION: PARACHUTE, CO
Resale Certificate on File
USA
STREET
DAN BOYLE-303-841-2022
DESTINATION
ZIP

ELIVERING ARRIER | ROUTE | VEHICLE NUMBER

NO. PACKAGES	+ HM	KIND OF PACKAGE, DESCRIPTION OF ARTICLES SPECIAL MARKS AND EXCEPTIONS	*WEIGHT (SUBJECT TO CORR.)	CLASS OR RATE	✓	CHARGES (FOR CARRIER USE ON
154,317		7 METER SMTH LINER HD 60MIL BLK	46,367			

Item Key	Roll Number	Quantity
L-HD-SMTH-060-7M	920109-09	9,645
L-HD-SMTH-060-7M	920110-09	9,645
L-HD-SMTH-060-7M	920111-09	9,645
L-HD-SMTH-060-7M	920112-09	9,645
L-HD-SMTH-060-7M	920113-09	9,645
L-HD-SMTH-060-7M	920114-09	9,645
L-HD-SMTH-060-7M	920115-09	9,645
L-HD-SMTH-060-7M	920116-09	9,645
L-HD-SMTH-060-7M	920117-09	9,645
L-HD-SMTH-060-7M	920118-09	9,645
L-HD-SMTH-060-7M	920119-09	9,645
L-HD-SMTH-060-7M	920120-09	9,645
L-HD-SMTH-060-7M	920121-09	9,645
L-HD-SMTH-060-7M	920122-09	9,645
L-HD-SMTH-060-7M	920123-09	9,645
L-HD-SMTH-060-7M	920224-09	9,645

Total Weight: 46,367 LB
Total Units: 16 rolls
Order No.: 12123 Order Date: 05/06/09 Request Date: 05/06/09
Location: NV P.O. No.: 24875

EMIT C.O.D. TO:
AGRU/AMERICA, INC.
2000 East Newlands Drive
Fernley, NV 89408
(775)835-8282

C.O.D. Amt $

C.O.D. FEE
- Prepaid
✓ Collect $

TOTAL CHARGES $

the shipment moves between two ports by a carrier by
iter law requires that the bill of lading shall state
ie "carrier's or shipper's weight".

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding
$ per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

Freight charges are PREPAID unless marked collect. ☐ Check box if charges are Col

hipper's Imprint in lieu of stamp; not a part of bill of lading proved by the Interstate Commerce Commission.

ds is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation, according to the applicable regulations of the Department of Transporta

Page 1 of 1

Shipper, Per BEH 5-18-09 Agent, Per

rmanent post office address of shipper

+ MARK WITH "X" TO DESIGNATE HAZARDOUS MATERIAL AS DEFINED IN TITLE 49 OF FEDERAL REGULATIONS.
hen transporting hazardous materials include the technical or chemical name for n.o.s. (not otherwise specified) or generic description of material with appropriate UN or NA number as defined in US DOT Emergency Response
ommunication Standard (HM-126C). Provide emergency response phone number in case of incident or accident.

HIS MEMORANDUM is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

PICK UP @ PLANT

AME OF CARRIER	CARRIER'S NO.	DATE	B/L NO.
		5/18/2009	001473

CEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading,
e property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said carrier (the word carrier i
idr d throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliv
o rrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or a
id rty, that every service to be performed hereunder, shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classifications in effect on the
reof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.
ipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the carload rate or truckload shipment, and the said terms and condi
e hereby agreed to by the shipper and accepted for himself and his assigns.

COLORADO LINING COMPANY
CUSTOMER TO PICK UP AT PLANT

ROM: SHIPPER (ORIGIN)	AGRU/AMERICA, INC. 2000 East Newlands Drive Fernley, NV 89408 (775)835-8282	TO: CONSIGNEE	DESTINATION: PARACHUTE, CO Resale Certificate on File USA
	EMERGENCY RESPONSE PHONE NO.	STREET	DAN BOYLE-303-841-2022
		DESTINATION	ZIP

ELIVERING ARRIER	ROUTE	VEHICLE NUMBER

NO. PACKAGES	+ HM	KIND OF PACKAGE, DESCRIPTION OF ARTICLES SPECIAL MARKS AND EXCEPTIONS	*WEIGHT (SUBJECT TO CORR.)	CLASS OR RATE	✓	CHARGES (FOR CARRIER USE ON
154,317		7 METER SMTH LINER HD 60MIL BLK	46,367			
264		WELD ROD MFG BLACK HDPE 5MM	264			

Item Key	Roll Number	Quantity
L-HD-SMTH-060-7M	919747-09	9,645
L-HD-SMTH-060-7M	919748-09	9,645
L-HD-SMTH-060-7M	919749-09	9,645
L-HD-SMTH-060-7M	919750-09	9,645
L-HD-SMTH-060-7M	919751-09	9,645
L-HD-SMTH-060-7M	919752-09	9,645
L-HD-SMTH-060-7M	919753-09	9,645
L-HD-SMTH-060-7M	919754-09	9,645
L-HD-SMTH-060-7M	920101-09	9,645
L-HD-SMTH-060-7M	920102-09	9,645
L-HD-SMTH-060-7M	920103-09	9,645
L-HD-SMTH-060-7M	920104-09	9,645
L-HD-SMTH-060-7M	920105-09	9,645
L-HD-SMTH-060-7M	920106-09	9,645
L-HD-SMTH-060-7M	920107-09	9,645
L-HD-SMTH-060-7M	920108-09	9,645

Total Weight: 46,631 LB
Total Units: 16 rolls/12spools
Order No.: 12123 Order Date: 05/06/09 Request Date: 05/06/09
Location: NV P.O. No.: 24875

EMIT C.O.D. TO:
AGRU/AMERICA, INC.
2000 East Newlands Drive
Fernley, NV 89408
(775)835-8282

C.O.D. Amt $

C.O.D. FEE
[ ] Prepaid
[✓] Collect $

f the shipment moves between two ports by a carrier by ater. the law requires that the bill of lading shall state he n "carrier's or shipper's weight".

Shipper's Imprint in lieu of stamp; not a part of bill of lading pproved by the Interstate Commerce Commission.

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding
$ per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

TOTAL CHARGES $

Freight charges are PREPAID unless marked collect. [ ] Check box if charges are Co

his is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation, according to the applicable regulations of the Department of Transport

Shipper, Per [signature] 5-18-09 Agent, Per

ermanent post office address of shipper

+ MARK WITH "X" TO DESIGNATE HAZARDOUS MATERIAL AS DEFINED IN TITLE 49 OF FEDERAL REGULATIONS.

When transporting hazardous materials include the technical or chemical name for n.o.s. (not otherwise specified) or generic description of material with appropriate UN or NA number as defined in US DOT Emergency Response Communication Standard (HM-126C). Provide emergency response phone number in case of incident or accident.

SOIL TEST

Lambert and Associates

CONSULTING GEOTECHNICAL ENGINEERS AND MATERIAL TESTING

DAILY FIELD REPORT - FIELD DENSITY TESTS

Date: *Thursday, May/28/09*	**Arrive Time:** *11:45 AM* **Depart Time:**
Project Name: *Evaporation Pond*	**Weather:** *Overcast*
Project Number: *G09032MT*	**Temp:**
Client: *MB Construction*	**Client Representative:**
General Contractor:	**Supervisor:**
Specialty Contractor: *MB Construction*	**Specialty Superintendent or Foreman:** *Dick Teninty*
Source of Fill Material:	**Plans and Specs:** *N/A* **Dated:**

Contractor's Equipment Used: *Dozers, scrapers, backhoe, water truck and vibratory smooth drum compactor*

Lambert and Associates Equipment Used - Manufacturer: *CPN* **Serial Number or Unit Number:** *18*

Test Results were Verbally Given On-Site to: *Dick Teninty*

Expected Conditions Observed: *Yes*

Unexpected Conditions Observed: *No*

Unusual Conditions Observed: *No*

If yes, who was contacted?

Follow-up from Prior Visit: **Retests Performed:** *Yes*

Concerns for Next Visit: *None* **Retests Needed:**

Other personnel contacted on-site: name/firm

Notes:

I performed nuclear field density tests, as requested by DickTeninty with MB Construction, of material being placed for the construction of Evaporation Ponds Numbers One (1), Two (2) and Three (3). Please refer to the test results sheets for approximate test location and test results. The test results indicate only the relative compaction and soil moisture content of the material tested at the elevation and location tested at the time of our site visit.

Lambert and Associates Technician: *Hayes*

RELATIVE COMPACTION TEST RESULTS

PROJECT: Evaporation Pond | **PROJECT NO: G09032MT** | **DATE: Thursday, May/28/09**

SITE LOCATION: Parachute | **ENGINEERING TECHNICIAN: Hayes**

CLIENT: MB Construction | **NUCLEAR GAUGE USED: 18**

TEST NO	TEST LOCATION	DEPTH OR ELEVATION	PROBE DEPTH (IN)	LABORATORY PROCTOR DENSITY (PCF)	OPTIMUM MOISTURE CONTENT (%)	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	RELATIVE COMPACTION (%)	SOIL TYPE
	Approximate Test Locations								
	Pond #1								
2	Test #1 May/28/09 sketch	At Grade	8	121.5	12.0	113.5	12.9	93	Clay, Sandy, Gravelly, Brown
3	Test #2 May/28/09 sketch	"	8	121.5	12.0	117.0	14.0	96	" "
4	Test #3 May/28/09 sketch	"	8	118.0	13.0	104.9	14.1	89	Clay, Sandy, Brown
5	Retest of #4, this date	"	8	118.0	13.0	105.1	14.0	89	" "
	Pond #2								
6	Test #1 May/28/09 sketch	"	8	121.5	12.0	113.2	16.0	93	Clay, Sandy, Gravelly, Brown
7	Test #2 May/28/09 sketch	"	8	120.0	12.0	108.6	17.5	91	Clay, Sandy, Brown
8	Test #3 May/28/09 sketch	"	8	121.5	12.0	111.2	12.3	92	Clay, Sandy, Gravelly, Brown
	Pond #3								
9	Test #1 May/28/09 sketch	"	8	120.0	12.0	108.2	15.9	90	Clay, Sandy, Brown
10	Test #2 May/28/09 sketch	"	8	120.0	12.0	116.7	11.7	97	" "

REMARKS: The test results indicate only the density and moisture content for the location and elevation tested only.

Lambert and Associates

CONSULTING GEOTECHNICAL ENGINEERS AND MATERIAL TESTING

Client: MB Construction

Date Received: May/8/09

Project: Evaporation Pond

Date Tested: May/13/09

Project Number: G09032MT

Sample Number: 1465

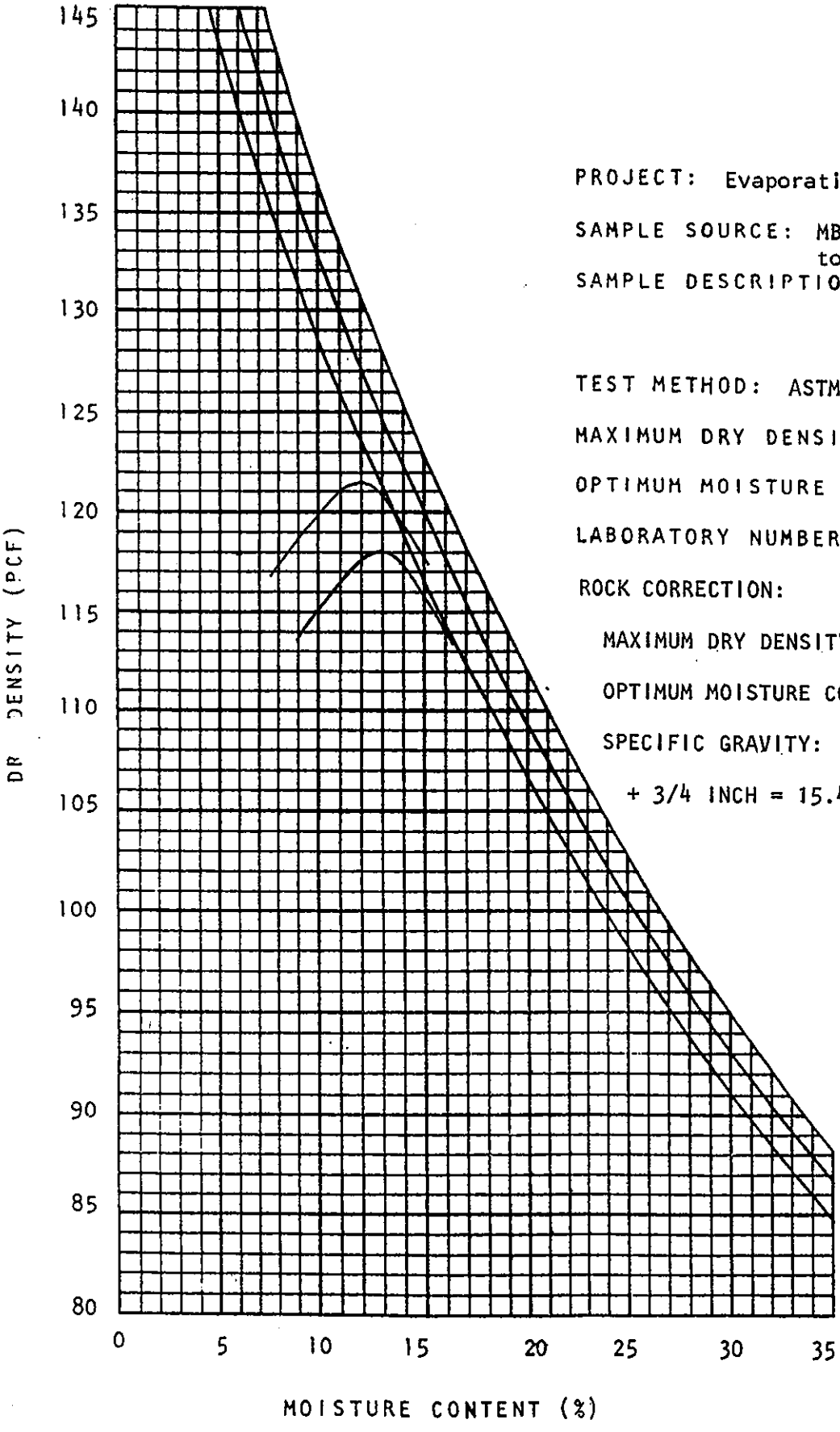
Location: Parachute, CO

Sample Source: MB Sample Number 3

Sample Description: Clay, Sand, Gravelly, Brown

CONSTANT HEAD PERMEABILITY TEST

Initial Moisture Content: 13.5%
Dry Unit Weight: 106.2 pcf
Permeability: 4.2×10^{-8} cm/sec



PROJECT: Evaporation Pond

SAMPLE SOURCE: MB Sample Number 4, Delivered to Grand Junction Office

SAMPLE DESCRIPTION: Clay, Sand, Gravelly, Brown

TEST METHOD: ASTM D1557C

MAXIMUM DRY DENSITY: 118.0 pcf

OPTIMUM MOISTURE CONTENT: 13.0%

LABORATORY NUMBER: 1466

ROCK CORRECTION:

MAXIMUM DRY DENSITY: 121.5 pcf

OPTIMUM MOISTURE CONTENT: 12.0%

SPECIFIC GRAVITY: 2.302

+ 3/4 INCH = 15.4% OF TOTAL WEIGHT

Lambert and Associates

Project No.:	G09032MT
Date:	May/8/2009
Figure:	

Lambert and Associates

CONSULTING GEOTECHNICAL ENGINEERS AND MATERIAL TESTING

Client: MB Construction

Date Received: May/8/09

Project: Evaporation Pond

Date Tested: May/14/09

Project Number: G09032MT

Sample Number: 1466

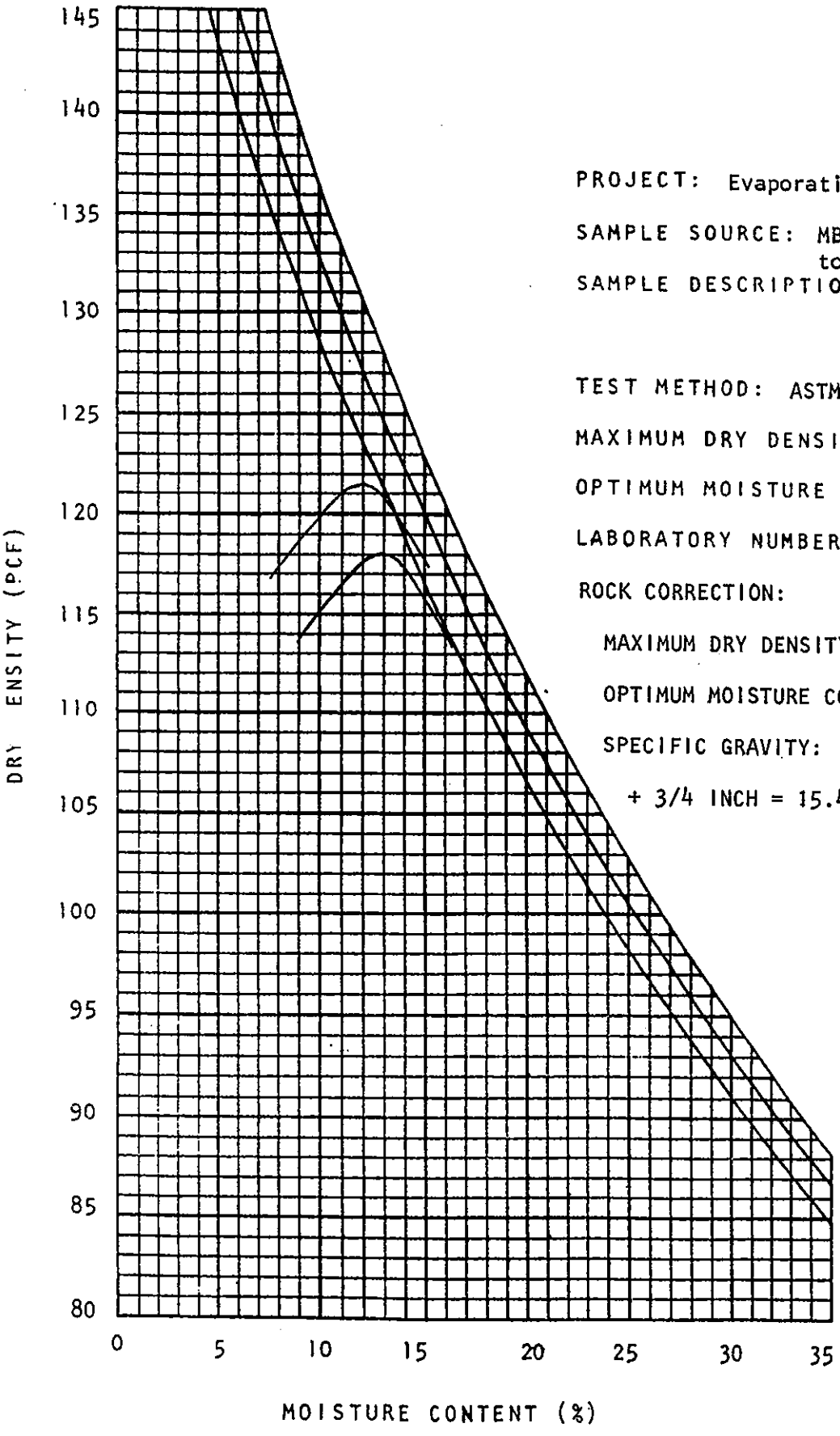
Location: Parachute, CO

Sample Source: MB Sample Number 4, Delivered to Grand Junction Office

Sample Description: Clay, Sand, Gravelly, Brown

CONSTANT HEAD PERMEABILITY TEST

Initial Moisture Content: 14.6%
Dry Unit Weight: 106.2 pcf
Permeability: 1.8×10^{-7} cm/sec



PROJECT: Evaporation Pond

SAMPLE SOURCE: MB Sample Number 4, Delivered to Grand Junction Office

SAMPLE DESCRIPTION: Clay, Sand, Gravelly, Brown

TEST METHOD: ASTM D1557C

MAXIMUM DRY DENSITY: 118.0 pcf

OPTIMUM MOISTURE CONTENT: 13.0%

LABORATORY NUMBER: 1466

ROCK CORRECTION:

MAXIMUM DRY DENSITY: 121.5 pcf

OPTIMUM MOISTURE CONTENT: 12.0%

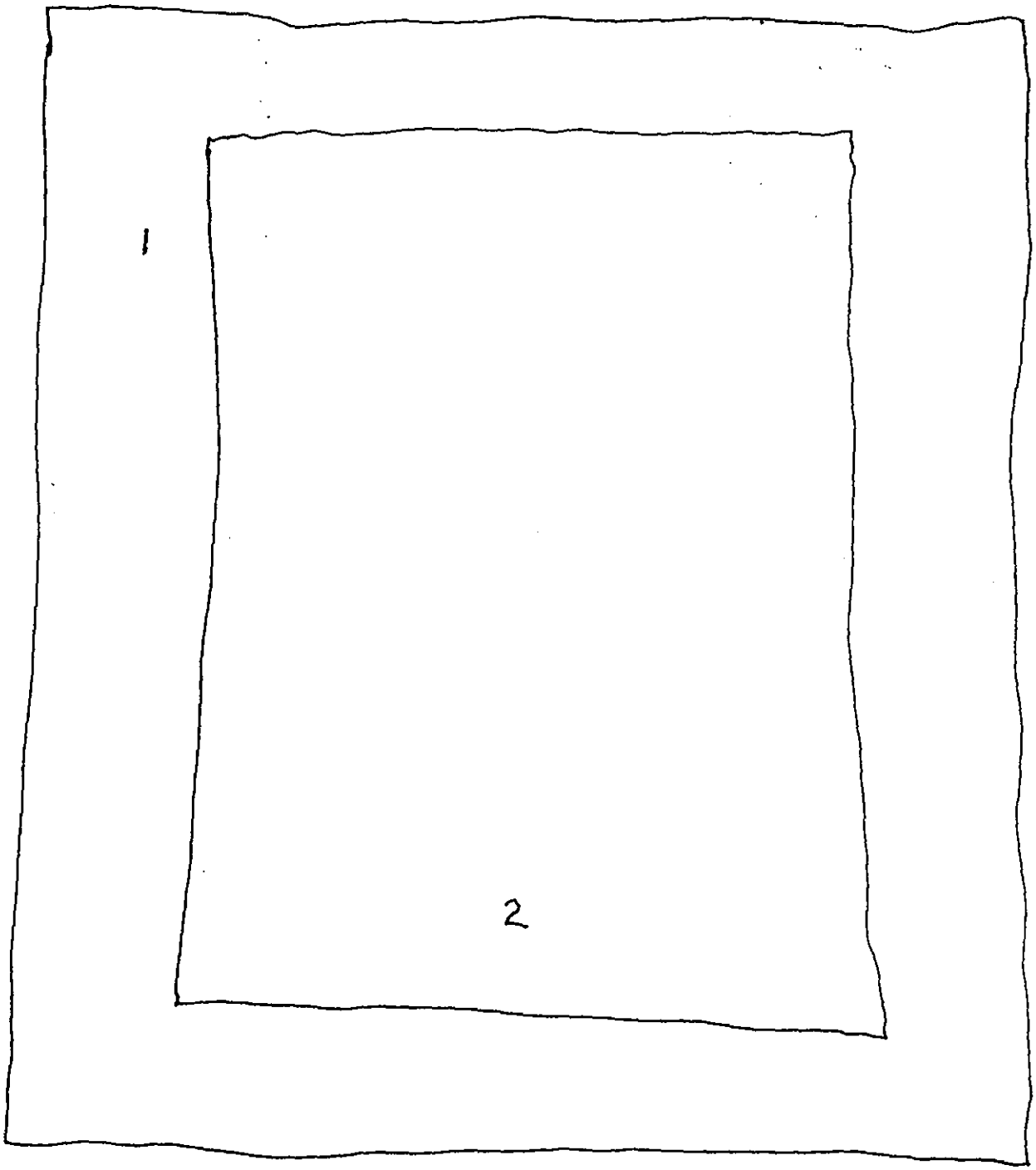
SPECIFIC GRAVITY: 2.302

+ 3/4 INCH = 15.4% OF TOTAL WEIGHT

Lambert and Associates

Project No.:	G09032MT
Date:	May/8/2009
Figure:	

Parachute Evaporation Pond #3
G09032mT
5-28-09
Pond #3



No Scale


GM 251-2
GM 41-2
GM 11-1
GM 21-1
1
2
3
Pits 11-1-796
GM 242-1
GV 14-2
GM 12-1
GM 244-1

COGCC GIS Online