

CELL #5
SITE INSPECTION REPORTS
PICTURES
TEST RESULTS
TEST LOCATION MAPS

Project #: 80540-001-02

Prepared For:

Angelo's Aggregate Materials

Prepared By:

Universal Engineering Sciences 9802 Palm River Road Tampa, Florida 33619 (813) 740-8506

Reviewed By,
Universal Engineering Sciences, Inc.
Cert. of Authorization No. 00000549

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Tampa Branch Manager

Professional Engineer No. 57233

Date:



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02 Palm River Road • Tampa, Fl 33619-4438 • (813) 740-8506 • Fax (813) 740-8706

Test Performed in Accordance with the Following Test procedures.

Density's - ASTM D-2397 Standard Proctor - ASTM D-698 200 Wash - AASHTO T-11 Permeability - ASTM D-2434



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DADE CITY LANDFILL CELL #5

Sample #	Field Moisture	Permeability
1 - 1	5.40%	7.82 10 -9
1 - 2	12.90%	4.09 10 -9
1 - 3	12.50%	8.18 10 -9
1 - 4	13.20%	7.82 10 -9
1 - 5	10.30%	8.24 10 -9
1 - 6	13.20%	4.18 10 -9
1 - 7	5.40%	7.82 10 -9
2 - 1	14.90%	3.49 10 -9
2 - 2	12.50%	1.67 10 -8
2 - 3	13.20%	3.47 10 -9
2 - 4	13.40%	4.03 10 -9
2 - 5	15.00%	6.41 10 -9
2 - 6	11.70%	4.11 10 -9
2 - 7	15.40%	3.47 10 -9
.3 - 1	13.40%	1.23 10 -9
3 - 2	16.60%	3.93 10 -9
3 - 3	14.10%	7.42 10 -9
3 - 4	15.80%	1.64 10 -9
3 - 5	5.40%	2.60 10 -9
3 - 6	5%	1.23 10 -9
3 - 7	5.40%	7.72 10 -9



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Client: Angelo's A	Aggregate Materials	Date:	10/11/2005
Project : Dade City		Work Order #:	14096
Project #: 80540-00		Technician :	Mario
		Report #:	S!#1
	Construction Activity Observed		
Area Constructed :	Cell # 5		
Material Used :	Clay		
Lift #	1		
Lift Thickness:	12"		
Weather:	Cloudy		
	ent Used: 2 - Fully Loaded End Dumps Other Equipment in Use	e: 1 - Bull Dozer	
Compaction Equipme	ant Osed . 2 - Fully Loaded End Dumps Office Equipment in State	1 - TrackHoe Exc	avator
	Description and Description Test Performed		•
	Permeability and Density Test Performed		200 wash
Location	% Compaction Permeability		200 114011
	<u> </u>		<u> </u>
•	•		
	Photographs (explain activity for each)		
Photo # 1	Trackhoe loading one end dump truck, one end dump unloading mater	ial, and dozer sitting.	(Facing East)
Photo # 1 Photo #	Trackhoe loading one end dump truck, one end dump unloading mater	ial, and dozer sitting.	(Facing East)
		ial, and dozer sitting.	
Photo #	Trackhoe loading one end dump truck, one end dump unloading mater	ial, and dozer sitting.	(Facing East)
Photo #		ial, and dozer sitting.	
Photo # Photo #		ial, and dozer sitting.	
Photo # Photo # Photo # Photo # Photo #		ial, and dozer sitting.	
Photo # Photo # Photo # Photo # Photo # Photo #		ial, and dozer sitting.	
Photo #		ial, and dozer sitting.	
Photo # Photo # Photo # Photo # Photo # Photo #		ial, and dozer sitting.	





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Client: Angelo's	Aggregate Materials	<u> </u>		Date:	10/12/2005
Project : Dade City	Landfill			Work Order #:	14109
Project # : 80540-00	1-02			Technician :	Mario
-				Report #:	SI#2
		Construction Act	tivity Observed		
Area Constructed :	Cell # 5				
Material Used :	Clay				
Lift #	1		•		
Lift Thickness :	12"			•	,
Weather:	Cloudy				
			Other Equipment in Use:	1 - Bull Dozer	
Compaction Equipme	ent Used: 2-F	ully Loaded End Dumps	Other Equipment in 030 .	1 - TrackHoe Exc	avator
				1 - Hacki loc Exc	avator
			-		
			_		
					
		Permeability and Den	sity Test Performed		
		1011110021111, 01110 - 111	,		
Location	. 9/	6 Compaction	Permeability		200 wash
Location		6 Compaction	Permeability		200 wash 53.9%
1 - 2		110.9%		<u> </u>	
	<u> </u>		10 -9		53.9%
1 - 2		110.9% 112.5%	10 -9 10 -9		53.9% 51.6%
1 - 2		110.9% 112.5%	10 -9 10 -9		53.9% 51.6%
1 - 2	9	110.9% 112.5%	10 -9 10 -9 10 -9		53.9% 51.6%
1 - 2		110.9% 112.5% 112.7% Photographs (explain	10 -9 10 -9 10 -9	st)	53.9% 51.6%
1 - 2 1 - 3 1 - 4	End dump, dump	110.9% 112.5% 112.7% Photographs (explain	10 -9 10 -9 10 -9 in activity for each) ushing material. (Facing We	st)	53.9% 51.6%
1 - 2 1 - 3 1 - 4 Photo # 2	End dump, dump	110.9% 112.5% 112.7% Photographs (explaining material in cell dover put	10 -9 10 -9 10 -9 in activity for each) ushing material. (Facing We	st)	53.9% 51.6%
1 - 2 1 - 3 1 - 4 Photo # 2 Photo # 3	End dump, dump	110.9% 112.5% 112.7% Photographs (explaining material in cell dover put	10 -9 10 -9 10 -9 in activity for each) ushing material. (Facing We	st)	53.9% 51.6%
1 - 2 1 - 3 1 - 4 Photo # 2 Photo # 3 Photo #	End dump, dump	110.9% 112.5% 112.7% Photographs (explaining material in cell dover put	10 -9 10 -9 10 -9 in activity for each) ushing material. (Facing We	st)	53.9% 51.6%
1 - 2 1 - 3 1 - 4 Photo # 2 Photo # 3 Photo # Photo #	End dump, dump	110.9% 112.5% 112.7% Photographs (explaining material in cell dover put	10 -9 10 -9 10 -9 in activity for each) ushing material. (Facing We	sst)	53.9% 51.6%
1 - 2 1 - 3 1 - 4 Photo # 2 Photo # 3 Photo # Photo # Photo #	End dump, dump	110.9% 112.5% 112.7% Photographs (explaining material in cell dover put	10 -9 10 -9 10 -9 in activity for each) ushing material. (Facing We	st)	53.9% 51.6%
1 - 2 1 - 3 1 - 4 Photo # 2 Photo # 3 Photo # Photo # Photo # Photo # Photo #	End dump, dump	110.9% 112.5% 112.7% Photographs (explaining material in cell dover put	10 -9 10 -9 10 -9 in activity for each) ushing material. (Facing We	st)	53.9% 51.6%
1 - 2 1 - 3 1 - 4 Photo # 2 Photo # 3 Photo # Photo # Photo # Photo # Photo # Photo #	End dump, dump	110.9% 112.5% 112.7% Photographs (explaining material in cell dover put	10 -9 10 -9 10 -9 in activity for each) ushing material. (Facing We	st)	53.9% 51.6%
1 - 2 1 - 3 1 - 4 Photo # 2 Photo # 3 Photo # Photo Pho	End dump, dump	110.9% 112.5% 112.7% Photographs (explaining material in cell dover put	10 -9 10 -9 10 -9 in activity for each) ushing material. (Facing We	st)	53.9% 51.6%







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Client : Angelo's	Aggregate M	aterials		Date:	10/13/2005_
Project : <u>Dade Ci</u>	ty Landfill			Work Order #:	14124
Project # : 80540-0	01-02			Technician:	Mario
				Report #:	SI#3
		Constructio	n Activity Observed		
Area Constructed :	Cell # 5				
Material Used:	Clay				
Lift #	1				
Lift Thickness :	12"	-		•	
Weather:	Cloudy				
Compaction Equipm	nent Used :	2 - Fully Loaded End Dum	ps Other Equipment in Use	: 1 - Bull Dozer	
				1 - TrackHoe Exc	avator
				· .	
			 -		
		Permeability and	d Density Test Performed		
Location	·	% Compaction	Permeability		200 wash
1 - 6		113.2%	10 -9		40.9%
				_	
				<u></u>	
					
		Photographs (e	xplain activity for each)		
Photo # 4	TrackHoe I	loading end dump w/clay (F	acing South)		
Photo # 5		unloading clay (Facing Eas			<u> </u>
Photo #					
Photo #				:	
Photo #					
Photo #					
Photo # Photo # Photo #					
Photo #					







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Client: Angelo's	Aggregate Materials	<u>.</u>		Date:	10/14/2005
Project : Dade City	Landfill	_		Work Order #:	14141
Project #: 80540-00	1-02	_		Technician:	Mario
				Report #:	SI#4
		Construction Act	ivity Observed		
Area Constructed :	Cell # 5				
Material Used :	Clay				
Lift #	2 .	-			
Lift Thickness:	12"	-			•
Weather:	Clear	-		· ·	
Compaction Equipme	ent Used: 2 - Fully Lo	paded End Dumps	Other Equipment in Use:	1 - Bull Dozer	
			_	1 - TrackHoe Exc	cavator
	 		_		<u> </u>
		<u> </u>	_		· · · · · · · · · · · · · · · · · · ·
			_		
	P	ermeability and Den	sity Test Performed		
Location	% Con	paction	Permeability	_	200 wash
					· -
				<u> </u>	
				-	
	П	hotographs (explai	n activity for each)		٠
Photo # 6	Contractor cheaking gr		<u> </u>		
Photo # 7	Trackhoe loading End	Dump with material fo	r second lift. (Facing South)	
Photo #					,
Photo #					
Photo #					
Photo #					
Photo #		-			:
Photo #					<u> </u>
Photo #	,				
Photo #					
Photo #					







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Client: Angelo's	Aggregate Materials	_		Date:	10/17/2005
Project : Dade Cit	y Landfill	_		Work Order #:	14157
Project # : 80540-00)1-02	_		Technician :	Mario
				Report #:	SI#5
		Construction Ac	tivity Observed		
Area Constructed :	Cell # 5				
Material Used :	Clay				
Lift #	2	 .			
Lift Thickness :	12"	_			
Weather:	Clear	_			
Compaction Equipm			Other Equipment in Use :	1 - Bull Dozer	
•				1 - TrackHoe Exc	avator
				2 - Fully Loaded E	nd Dumps
	•		<u> </u>		
			_		·
				4	
	F	ermeability and Den	sity Test Performed		
Location	% Cor	npaction	Permeability		200 wash
				_	
	· —				
				<u>. </u>	
		Photographs (explai	n activity for each)		
Photo # 9	End Dump unloading r	naterial, and Bull Doze	er pushing material. (Facing	South)	
Photo # 10	Trackhoe loading End	Dump with material fo	r second lift. (Facing South)	
Photo #	·				·
Photo #					
Photo #				3	
Photo #					
Photo #					
Photo #					
Photo #					
Photo #			· · · · · · · · · · · · · · · · · · ·		
Dhoto #	1				:







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Client Annulate	A source make A Antoniale			Data	10/10/0005
	Aggregate Materials	_		Date: Work Order # :	10/18/2005
Project : Dade City		_			14178 Maria
Project # : 80540-00	1-02	<u> </u>		Technician:	Mario
		0	inite Observed	Report # :	SI#6
A C	0-11 # 5	Construction Act	ivity Observed		
Area Constructed :	Cell # 5				
Material Used :	Clay				
Lift #	1 & 2	_			
Lift Thickness:	12"	- · '			¢
Weather:	Clear	_			
C		anded End Dumps	Other Equipment in Lice :	1 - Rull Dozer	
Compaction Equipme	ent Usea: 2 - Fully L	oaded End Dumps	_ Other Equipment in Use :	1 - TrackHoe Exc	avator
					avaioi
				-	
		r. ·			
	·		_	·	
	_				
			sity Test Performed		200 week
Location	% Cor	npaction	Permeability	<u> </u>	200 wash
2 - 1	% Cor12	npaction 0.4%	Permeability	<u> </u>	46.1%
2 - 1	% Cor12	npaction	10 -9 10 -8		46.1% 42.3%
2 - 1	% Cor	npaction 0.4%	Permeability		46.1%
2 - 1	% Cor	0.4% 4.4% 7.9%	10 -9 10 -8		46.1% 42.3% 62.8%
2 - 1	% Cor	npaction 0.4% 4.4% 7.9%	10 -9 10 -8 10 -9		46.1% 42.3% 62.8%
2 - 1	% Cor	npaction 0.4% 4.4% 7.9% Photographs (explain	Permeability 10 -9 10 -8 10 -9		46.1% 42.3% 62.8%
2 - 1	% Cor	npaction 0.4% 4.4% 7.9% Photographs (explain	Permeability 10 -9 10 -8 10 -9		46.1% 42.3% 62.8%
2-1 2-2 2-3	% Cor	npaction 0.4% 4.4% 7.9% Photographs (explain	Permeability 10 -9 10 -8 10 -9		46.1% 42.3% 62.8%
2 - 1 2 - 2 2 - 3 Photo # 11	% Cor	npaction 0.4% 4.4% 7.9% Photographs (explain	Permeability 10 -9 10 -8 10 -9		46.1% 42.3% 62.8%
2 - 1 2 - 2 2 - 3 Photo # 11 Photo #	% Cor	npaction 0.4% 4.4% 7.9% Photographs (explain	Permeability 10 -9 10 -8 10 -9		46.1% 42.3% 62.8%
2 - 1 2 - 2 2 - 3 Photo # Photo # Photo #	% Cor	npaction 0.4% 4.4% 7.9% Photographs (explain	Permeability 10 -9 10 -8 10 -9		46.1% 42.3% 62.8%
2 - 1 2 - 2 2 - 3 Photo # Photo # Photo # Photo #	% Cor	npaction 0.4% 4.4% 7.9% Photographs (explain	Permeability 10 -9 10 -8 10 -9		46.1% 42.3% 62.8%
2 - 1 2 - 2 2 - 3 Photo # 11 Photo # Photo # Photo # Photo # Photo #	% Cor	npaction 0.4% 4.4% 7.9% Photographs (explain	Permeability 10 -9 10 -8 10 -9		46.1% 42.3% 62.8%
2 - 1 2 - 2 2 - 3 Photo # 11 Photo # Photo	% Cor	npaction 0.4% 4.4% 7.9% Photographs (explain	Permeability 10 -9 10 -8 10 -9		46.1% 42.3% 62.8%
2 - 1 2 - 2 2 - 3 Photo # 11 Photo # Photo	% Cor	npaction 0.4% 4.4% 7.9% Photographs (explain	Permeability 10 -9 10 -8 10 -9		46.1% 42.3% 62.8%
2 - 1 2 - 2 2 - 3 Photo # 11 Photo # Photo Phot	% Cor	npaction 0.4% 4.4% 7.9% Photographs (explain	Permeability 10 -9 10 -8 10 -9		46.1% 42.3% 62.8%

SOUTH OST DISTRICT





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Client: Angelo's	Aggregate Materials	<u>s</u>		Date:	10/20/2005
Project : Dade City	/ Landfill			Work Order # :	14233
Project # : 80540-00	1-02			Technician :	Mario
				Report #:	SI#7
		Construction A	ctivity Observed		
Area Constructed :	Cell # 5				
Material Used :	Clay				
Lift #	1		•		•
Lift Thickness :	12"				•
Weather:	Clear				
Compaction Equipme	ent Used: 1 - Fi	ully Loaded End Dump	Other Equipment in Use :	1 - Bull Dozer	
				1 - TrackHoe Exc	cavator
				1 - End Dump	
	<u> </u>				
		Permeability and De	ensity Test Performed		
Location	%	Compaction	Permeability		200 wash
Location	%	Compaction	Permeability	<u> </u>	200 wash
Location	_ <u>%</u> 		Permeability	<u> </u>	
Location			Permeability		
Location			Permeability		
Location			Permeability		
Location			Permeability ain activity for each)		
Location Photo # 13			ain activity for each)		
	Trackhoe loading	Photographs (expl	ain activity for each) (Facing South)		
Photo # 13	Trackhoe loading	Photographs (expl: End Dump with material.	ain activity for each) (Facing South)		
Photo # 13 Photo # 14	Trackhoe loading	Photographs (expl: End Dump with material.	ain activity for each) (Facing South)		
Photo # 13 Photo # 14 Photo #	Trackhoe loading Bull Dozer pushin	Photographs (expl: End Dump with material.	ain activity for each) (Facing South)		
Photo # 13 Photo # 14 Photo # Photo #	Trackhoe loading Bull Dozer pushin	Photographs (expl: End Dump with material.	ain activity for each) (Facing South)		
Photo # 13 Photo # 14 Photo # Photo # Photo #	Trackhoe loading Bull Dozer pushin	Photographs (expl: End Dump with material.	ain activity for each) (Facing South)		
Photo # 13 Photo # 14 Photo # Photo # Photo # Photo #	Trackhoe loading Bull Dozer pushin	Photographs (expl: End Dump with material.	ain activity for each) (Facing South)		
Photo # 13 Photo # 14 Photo # Photo # Photo # Photo # Photo # Photo #	Trackhoe loading Bull Dozer pushin	Photographs (expl: End Dump with material.	ain activity for each) (Facing South)		
Photo # 13 Photo # 14 Photo # Photo Ph	Trackhoe loading Bull Dozer pushin	Photographs (expl: End Dump with material.	ain activity for each) (Facing South)		







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	Angelo's 4	Aggregate Ma	tarials		,	Date:	10/27/2005
Client : Project :	Dade City		iteriais			Work Order #:	14307
	80540-00					Technician :	Mario
r roject # .	00040-00	I OL				Report #:	SI#8
				Construction A	ctivity Observed	rioport » .	Sino
Area Cons	tructed :	Cell # 5		OUTS (dollott A	ouvity Observed		
Material U		Clay					··
Lift #	seu .	1					
Lift Thickn	000 '	12"					
Weather:	C33 .	Clear					
weather.		Oleai					
Compactio	n Equipme	nt l lead :	1 - Fully Load	ded End Dump	Other Equipment in Use :	1 - Bull Dozer	
Compaciio	n Equipme	ni Osea .	1 - 1 dily Load	ded End Dump	Ottler Equipment in coo.	1 - TrackHoe Exca	avator
						1 - End Dump	1
				· · · · · · · · · · · · · · · · · · ·	_	T Elia Ballip	
							- :
					. No. We ask Donald amount		
	-4:-u		. % Compa		nsity Test Performed Permeability		200 wash
Loc	ation	-	76 Compa	action	Permeability	-	200 114011
		-					
		-					
		- - -					
		- - -					
		- - -					
		- - - -	. Pho		in activity for each)		
Photo #	15	End Dump	. Pho	otographs (expla			
Photo #	15	TrackHoe c	Phorolling in secon	nd half of first lift. (Facing North)		
		TrackHoe c	Phorolling in secon	nd half of first lift. (Facing North)	th)	
Photo #	16	TrackHoe c	Phorolling in secon	nd half of first lift. (Facing North)	th)	
Photo #	16	TrackHoe c	Phorolling in secon	nd half of first lift. (Facing North)	th)	
Photo # Photo # Photo #	16	TrackHoe c	Phorolling in secon reating stockpoushing stockp	nd half of first lift. (Facing North)	th)	
Photo # Photo # Photo # Photo #	16	TrackHoe c	Phorolling in secon	nd half of first lift. (Facing North)		
Photo # Photo # Photo # Photo # Photo #	16	TrackHoe c	Phorolling in secon reating stockpoushing stockp	nd half of first lift. (Facing North)		
Photo # Photo # Photo # Photo # Photo # Photo #	16	TrackHoe c	Phorolling in secon reating stockpoushing stockp	nd half of first lift. (Facing North)		









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Client: Angelo's	Aggregate Mate	rials		Date:	10/28/2005
Project : Dade Ci	ty Landfill			Work Order #:	14315
Project # : 80540-0	01-02			Technician :	Mario
				Report #:	SI#9
		Construction	Activity Observed		
Area Constructed :	Cell # 5				
Material Used :	Clay			•••	
Lift #	1				
Lift Thickness :	12"			·	
Weather:	Clear			,	
Compaction Equipm	nent Used: 1	- Fully Loaded End Dump	Other Equipment in Use :	1 - Bull Dozer	
	_		· 	1 - TrackHoe Exc	cavator
				1 - End Dump	
	_				<u>.</u>
	_				
		Permeability and D	ensity Test Performed		
Location		% Compaction	Permeability		200 wash
1 - 5		116.2	10 -9	<u> </u>	54.4%
	· 				
	_			<u> </u>	
		Photographs (exp	lain activity for each)		
Photo # 18	TrackHoe digg	ing out second half of first l	lift. (Facing North)		•
Photo # 20	Bull Dozer pus	hing piles for second half o	f first lift. (Facing North)		
Photo #					
Photo #					U
Photo #					
Photo #		:			
Photo #					
Photo #					
Photo #					
Photo #					







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Client : Angelo's	Aggregate Materials	_		Date:	10/28/2005
Project : Dade Ci	ty Landfill	_		Work Order #:	14315
Project # : 80540-0	01-02			Technician :	Mario
				Report #:	SI#10
		Construction	Activity Observed		
Area Constructed :	Cell # 5				
Material Used :	Clay				
Lift #	2	<u> </u>			
Lift Thickness:	12"				
Weather:	Clear	_			
Compaction Equipm	nent Used :		Other Equipment in Use :	1 - Bull Dozer	
			<u></u>	1 - TrackHoe Exce	avator
				1 - End Dump	
	<u></u>				
					
	. 1	Permeability and D	ensity Test Performed		
Location	% Co	mpaction	Permeability		200 wash
	_				
	_			<u> </u>	
				_	
		•			v
	,	Photographs (exp	lain activity for each)		
Photo # 21	Bull Dozer pushing pil	es for second lift. (f	Facing North)		
Photo # 22	End Dump dumping n				
Photo # 23	TrackHoe loading End	I with material for se	econd lift. (Facing North)		
Photo #					
Photo #					
Photo #					
Photo #	•				
Photo #					
Photo #				¢ .	
Photo #					
Photo #					v









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Client :	Angelo's	Aggregate M	aterials			Date:	10/31/2005
Project :	Dade City	Landfill		_		Work Order #:	14328
Project #	: 80540-00	1-02				Technician :	Mario
	·	· "				Report #:	SI#11
				Construction	Activity Observed		
Area Con	structed :	Cell # 5					
Material L	Jsed :	Clay					
Lift #		2		•			
Lift Thickr	ness :	12"	•				•
Weather:		Clear					
						•	
Compaction	on Equipme	ent Used :	1 - End Du	mp fully loaded	Other Equipment in Use	: 1 - Bull Dozer	
						1 - TrackHoe Ex	cavator
						1 - End Dump	
			Pe	rmeability and D	ensity Test Performed	·	
Loc	ation	-	% Com	paction	Permeability		200 wash
			•				
		-					
			•				
		- .					
							•
		_	Pł	notographs (exp	lain activity for each)		
Photo #	24	TrackHoe k	oading End.w	vith material for se	cond lift. (Facing South)		
Photo #	25	End Dump Facing Nort		terial for second li	ft, bull dozer pushing material,	and contractor che	ecking grade. (
Photo #							
Photo #	-		•				
Photo #							
Photo #						;	
Photo #							
Photo #				٠.			,
Photo #							
Photo #			4	, ,			
Photo #							







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Construction Materials Testing • Threshold Inspection • Private Provider Inspection

						•	
Client : Angelo's Aggregate Materials			aterials	-		Date:	11/1/2005
Project : Dade City Landfill						Work Order #:	14368
Project # : 80540-001-02				Techr		Technician:	Mario
						Report #:	SI#12
				Construction A	Activity Observed		
Area Const	tructed :	Cell # 5					
Material Us	sed :	Clay					
Lift #		2		•			
Lift Thickness :		12"				·	
Weather:		Clear		_			
Compaction	n Equipme	ent Used :	2 - End Du	mp fully loaded	Other Equipment in Use :	1 - Bull Dozer	
						1 - TrackHoe Exc	avator
						:	
							
			· Pe	ermeability and D	ensity Test Performed		
Loca	ition				ensity Test Performed Permeability	•	200 wash
Loca		_	% Com	paction	Permeability	.	200 wash
Loca		- - ·	% Com			· —	200 wash 62.7%
		- -	% Com	paction	Permeability	· —	
		- -	% Com	paction	Permeability	· ————————————————————————————————————	
		- - -	% Com	paction	Permeability	· —	
		- - -	% Com	paction 13	Permeability 10 -9		
2 -	. 4	- - - -	% Com	paction 13 notographs (expl	Permeability 10 -9 lain activity for each)	·	
		Bull Dozer	% Com	paction 13 notographs (expl	Permeability 10 -9	ng West)	
2 -	. 4		% Com	paction 13 notographs (expl	Permeability 10 -9 lain activity for each) np is unloading material. (Facin	ng West)	
Photo #	1A	TrackHoe lo	% Com 1	notographs (explemental while end dum	Permeability 10 -9 lain activity for each) np is unloading material. (Facin		62.7%
Photo #	1A 2A	TrackHoe lo	% Com	notographs (explemental while end dum	Permeability 10 -9 lain activity for each) np is unloading material. (Facin		
Photo # Photo # Photo #	1A 2A	TrackHoe k	% Com 1	notographs (explemental while end dum	Permeability 10 -9 lain activity for each) np is unloading material. (Facin		62.7%
Photo # Photo # Photo # Photo #	1A 2A	TrackHoe k	% Com	notographs (explemental while end dum	Permeability 10 -9 lain activity for each) np is unloading material. (Facin		62.7%
Photo # Photo # Photo # Photo # Photo # Photo #	1A 2A	TrackHoe k	% Com	notographs (explemental while end dum	Permeability 10 -9 lain activity for each) np is unloading material. (Facin		62.7%
Photo # Photo # Photo # Photo # Photo # Photo #	1A 2A	TrackHoe k	% Com	notographs (explemental while end dum	Permeability 10 -9 lain activity for each) np is unloading material. (Facin		62.7%
Photo #	1A 2A	TrackHoe k	% Com	notographs (explemental while end dum	Permeability 10 -9 lain activity for each) np is unloading material. (Facin		62.7%
Photo #	1A 2A	TrackHoe k	% Com	notographs (explemental while end dum	Permeability 10 -9 lain activity for each) np is unloading material. (Facin		62.7%









Consultants in: Geotechnical Engineering • Environmental Sciences Construction Materials Testing • Threshold Inspection • Private Provider Inspection

Client: Angelo's	Aggregate Materials			Date:	11/3/2005
Project : Dade City		_		Work Order #:	14372
Project #: 80540-00		_		Technician:	Mario
		_		Report #:	SI#13
		Construction Ac	tivity Observed		
Area Constructed :	Cell # 5				
Material Used :	Clay				-
Lift #	1	-			
Lift Thickness :	12"	-			
Weather:	Clear	-			
				•	
Compaction Equipme	ent Used: 2 - End Du	mp fully loaded	Other Equipment in Use :	1 - Bull Dozer	
			_	1 - TrackHoe Exca	vator
			<u> </u>		
			_		
			_		
	_				
			sity Test Performed		200 wash
Location		paction	Permeability		200 wash
	<u></u>			<u> </u>	,
					
	Þ	hotographe (evolai)	n activity for each)		
Photo # 4A	End Dump unloading m				
	Contractor checking gra				
Photo # 5A Photo # 6A	Bull Dozer pushing mate		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
Photo #	Buil Dozel pushing mate	enal. (racing South)		
Photo #					
Photo #					
Photo #					
Photo #					ι
Photo #	-				
Photo #					
Photo #					,









UNIVERSAL

Consultants in: Geotechnical Engineering • Environmental Sciences
Construction Materials Testing • Threshold Inspection • Private Provider Inspection

Client : Angelo	s Aggregate Materials			Date:	11/4/2005
Project : Dade C	ity Landfill			Work Order #:	14378
Project # : 80540-0	001-02			Technician:	Mario
				Report #:	SI#14
		Construction	Activity Observed		
Area Constructed :	Cell # 5				
Material Used :	Clay				
Lift #	2				
Lift Thickness :	12"			•	
Weather:	Clear	<u></u>			
Compaction Equipr	ment Used :		Other Equipment in Use :	1 - Bull Dozer	
				1 - TrackHoe Ex	cavator
				2 - End Dumps	
		Permeability and	Density Test Performed		
Location	%	Compaction	Permeability		200 wash
	·				
		Photographs (ex	plain activity for each)	,	
Photo # 8A	End Dump dumpir	g material for second	lift.		
Photo #		•			٠
Photo #					
Photo #		,			•
Photo #					
Photo #					
Photo #					· · · · · · · · · · · · · · · · · ·
Photo #		•			
Photo #					
Photo #					





Consultants in: Geotechnical Engineering • Environmental Sciences
Construction Materials Testing • Threshold Inspection • Private Provider Inspection

Client: Angelo's	Aggregate Materials			Date:	11/7/2005
Project : Dade City		_		Work Order #:	14397
Project #: 80540-00		_		Technician :	Mario
		_		Report #:	SI#15
		Construction Act	ivity Observed		
Area Constructed:	Cell # 5				
Material Used :	Clay				
Lift #	2 & 3	_		ś	
Lift Thickness :	12"	_		·	
Weather:	Clear	-			
Compaction Equipme	ent Used : 2 - End Du	ımps Fully Loaded	Other Equipment in Use :	1 - Bull Dozer	
			_	1 - TrackHoe Exc	avator
			_		
			_		
				•	
	Pe	ermeability and Dens	sity Test Performed		
			•		
Location		paction	Permeability		200 wash
Location	% Com				200 wash 44.6%
	% Com	paction	Permeability		
	% Com	paction	Permeability		44.6%
	% Com	paction	Permeability		44.6%
	% Com	paction	Permeability	———————————————————————————————————	44.6%
	% Com	paction 24	Permeability 10 -9		44.6%
	% Com	paction 24 hotographs (explain	Permeability 10 -9 activity for each)	- , ———————————————————————————————————	44.6%
2 - 6 Photo # 10A	% Corr	hotographs (explain	Permeability 10 -9 activity for each)		44.6%
2 - 6 Photo # 10A Photo # 11A	% Com 1 P TrackHoe loading end of Bull Dozer pushing mate	hotographs (explain dump with material. (Facing South)	Permeability 10 -9 activity for each) Facing South)		44.6%
2 - 6 Photo # 10A Photo # 11A Photo # 12A	% Corr	hotographs (explain dump with material. (Facing South)	Permeability 10 -9 activity for each) Facing South)		44.6%
2 - 6 Photo # 10A Photo # 11A Photo # 12A Photo #	% Com 1 P TrackHoe loading end of Bull Dozer pushing mate	hotographs (explain dump with material. (Facing South)	Permeability 10 -9 activity for each) Facing South)		44.6%
2 - 6 Photo # 10A Photo # 11A Photo # 12A Photo # Photo #	% Com 1 P TrackHoe loading end of Bull Dozer pushing mate	hotographs (explain dump with material. (Facing South)	Permeability 10 -9 activity for each) Facing South)		44.6%
2 - 6 Photo # 10A Photo # 11A Photo # 12A Photo # Photo # Photo #	% Com 1 P TrackHoe loading end of Bull Dozer pushing mate	hotographs (explain dump with material. (Facing South)	Permeability 10 -9 activity for each) Facing South)		44.6%
2 - 6 Photo # 10A Photo # 11A Photo # 12A Photo # Photo # Photo # Photo #	% Com 1 P TrackHoe loading end of Bull Dozer pushing mate	hotographs (explain dump with material. (Facing South)	Permeability 10 -9 activity for each) Facing South)		44.6%
2 - 6 Photo # 10A Photo # 11A Photo # 12A Photo # Photo # Photo # Photo # Photo # Photo # Photo #	% Com 1 P TrackHoe loading end of Bull Dozer pushing mate	hotographs (explain dump with material. (Facing South)	Permeability 10 -9 activity for each) Facing South)		44.6%
2 - 6 Photo # 10A Photo # 11A Photo # 12A Photo # Photo # Photo # Photo #	% Com 1 P TrackHoe loading end of Bull Dozer pushing mate	hotographs (explain dump with material. (Facing South)	Permeability 10 -9 activity for each) Facing South)		44.6%





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ENGINEERING SCIENCES

Consultants in: Geotechnical Engineering • Environmental Sciences Construction Materials Testing • Threshold Inspection • Private Provider Inspection

Client :	Angelo's A	Aggregate Materials	<u> </u>		Date:	11/8/2005
Project : Dade City Landfill					Work Order #:	14413
Project # : 80540-001-02					Technician:	Mario
					Report #:	SI#16
			Construction Ac	tivity Observed		
Area Cons	tructed:	Cell # 5				
Material U	sed:	Clay				
Lift #		3				
Lift Thickne	ess:	12"				
Weather:		Clear				
Compactio	n Equipme	nt Used: 2 - Er	nd Dumps fully loaded	Other Equipment in Use:	1 - Bull Dozer	
					1 - TrackHoe Exca	avator
				_		
			,			
			Permeability and Den	sity Test Performed		
Loca	ation	· %	Compaction	Permeability	_	200 wash
		_			·	•
-					<u></u>	,
Photo #			Photographs (explai	in activity for each)		
1 11010 #	134	Bull Dozer pushing	Photographs (explai			
-	13A		g material. (Facing South)		
Photo #	14A	Contractor checking	g material. (Facing Southing grade. (Facing South))	c	
Photo #	14A 15A	Contractor checkir TrackHoe Loading	g material. (Facing Southing grade. (Facing Southing end dump. (Facing Southing Sout) h)		
Photo #	14A	Contractor checkir TrackHoe Loading	g material. (Facing Southing grade. (Facing South)) h)		
Photo #	14A 15A	Contractor checkir TrackHoe Loading	g material. (Facing Southing grade. (Facing Southing end dump. (Facing Southing Sout) h)		
Photo #	14A 15A	Contractor checkir TrackHoe Loading	g material. (Facing Southing grade. (Facing Southing end dump. (Facing Southing Sout) h)		
Photo # Photo #	14A 15A	Contractor checkir TrackHoe Loading	g material. (Facing Southing grade. (Facing Southing end dump. (Facing Southing Sout) h)		
Photo # Photo # Photo # Photo #	14A 15A	Contractor checkir TrackHoe Loading	g material. (Facing Southing grade. (Facing Southing end dump. (Facing Southing Sout) h)		
Photo # Photo # Photo # Photo # Photo #	14A 15A	Contractor checkir TrackHoe Loading	g material. (Facing Southing grade. (Facing Southing end dump. (Facing Southing Sout) h)		
Photo # Photo # Photo # Photo # Photo # Photo #	14A 15A	Contractor checkir TrackHoe Loading	g material. (Facing Southing grade. (Facing Southing end dump. (Facing Southing Sout) h)		











ENGINEERING SCIENCES

Consultants in: Geotechnical Engineering • Environmental Sciences
Construction Materials Testing • Threshold Inspection • Private Provider Inspection

Client: Angelo's	Aggregate Materials	_		Date:	11/9/2005
Project : Dade City		_		Work Order #:	14428
Project #: 80540-00		_		Technician:	Mario
				Report #:	SI#17
		Construction Act	tivity Observed		
Area Constructed :	Cell # 5				
Material Used :	Clay				
Lift #	3.				
Lift Thickness :	12"				
Weather:	Clear				
Compaction Equipme	ent Used: 2 - End Du	mps fully loaded	Other Equipment in Use :	1 - Buil Dozer	
				1 - TrackHoe Exc	avator
			_		
			_		
			<u> </u>		
					•
	Pe	ermeability and Den	sity Test Performed		•
Location	% Com	paction	Permeability		200 wash
		· .			
	Р	hotographs (explair	n activity for each)		
Photo # 18A	TrackHoe loading end o	lump with material for	rthird lift. (Facing South)	<u> </u>	
Photo #					
Photo #					
Photo #			· · · · · · · · · · · · · · · · · · ·		
Photo #					
Photo #					
Photo #				:	
					
Photo #					,
Photo #			<u> </u>		
Photo #					





Consultants in: Geotechnical Engineering • Environmental Sciences Construction Materials Testing • Threshold Inspection • Private Provider Inspection

Client: Angelo's	Aggregate Materials			Date:	11/10/2005
Project : <u>Dade City</u>	Landfill			Work Order #:	14451
Project #: 80540-00	1-02			Technician :	Mario
				Report #:	SI#18
		Construction Ac	tivity Observed		
Area Constructed :	Cell # 5			<u> </u>	
Material Used :	Clay				
Lift #	3	<u> </u>			
Lift Thickness:	12"				
Weather:	Clear	_			
Compaction Equipme	ent Used: 2 - End	Dumps fully loaded	Other Equipment in Use :	1 - TrackHoe Exc	avator
					
		Permeability and Der	nsity Test Performed		
		ompaction	Permeability		200 wash
Location	% Co	Jinpaonon-	1 Crincabinity		Ecc Hach
Location 3 - 1		119.7	10 -9		55.7%
3 - 1				<u> </u>	
3 - 1		119.7 112.2	10 -9		55.7%
3 - 1 3 - 2 3 - 3		119.7	10 -9 10 -9		55.7% 51.7%
3 - 1		119.7 112.2 116.3	10 -9 10 -9 10 -9		55.7% 51.7% 37.7%
3 - 1 3 - 2 3 - 3		119.7 112.2 116.3 117.2	10 -9 10 -9 10 -9 10 -9		55.7% 51.7% 37.7%
3 - 1 3 - 2 3 - 3 3 - 4		119.7 112.2 116.3 117.2 Photographs (expla	10 -9 10 -9 10 -9 10 -9		55.7% 51.7% 37.7%
3 - 1 3 - 2 3 - 3 3 - 4		119.7 112.2 116.3 117.2	10 -9 10 -9 10 -9 10 -9		55.7% 51.7% 37.7%
3 - 1 3 - 2 3 - 3 3 - 4 Photo # Photo #		119.7 112.2 116.3 117.2 Photographs (expla	10 -9 10 -9 10 -9 10 -9		55.7% 51.7% 37.7%
3 - 1 3 - 2 3 - 3 3 - 4 Photo # Photo # Photo #		119.7 112.2 116.3 117.2 Photographs (expla	10 -9 10 -9 10 -9 10 -9		55.7% 51.7% 37.7%
3 - 1 3 - 2 3 - 3 3 - 4 Photo # Photo # Photo # Photo #		119.7 112.2 116.3 117.2 Photographs (expla	10 -9 10 -9 10 -9 10 -9		55.7% 51.7% 37.7%
3 - 1 3 - 2 3 - 3 3 - 4 Photo # Photo # Photo # Photo # Photo # Photo #		119.7 112.2 116.3 117.2 Photographs (expla	10 -9 10 -9 10 -9 10 -9		55.7% 51.7% 37.7%
3 - 1 3 - 2 3 - 3 3 - 4 Photo #		119.7 112.2 116.3 117.2 Photographs (expla	10 -9 10 -9 10 -9 10 -9		55.7% 51.7% 37.7%
3 - 1 3 - 2 3 - 3 3 - 4 Photo # Photo # Photo # Photo # Photo # Photo #		119.7 112.2 116.3 117.2 Photographs (expla	10 -9 10 -9 10 -9 10 -9		55.7% 51.7% 37.7%
3 - 1 3 - 2 3 - 3 3 - 4 Photo #		119.7 112.2 116.3 117.2 Photographs (expla	10 -9 10 -9 10 -9 10 -9		55.7% 51.7% 37.7%
3 - 1 3 - 2 3 - 3 3 - 4 Photo #		119.7 112.2 116.3 117.2 Photographs (expla	10 -9 10 -9 10 -9 10 -9		55.7% 51.7% 37.7%
3 - 1 3 - 2 3 - 3 3 - 4 Photo #		119.7 112.2 116.3 117.2 Photographs (expla	10 -9 10 -9 10 -9 10 -9		55.7% 51.7% 37.7%





ENGINEERING SCIENCES

Consultants in: Geotechnical Engineering • Environmental Sciences
Construction Materials Testing • Threshold Inspection • Private Provider Inspection

Client: Angelo's	Aggregate Materia	ls		Date:	11/18/2005
Project : Dade City	<u> </u>			Work Order #:	14540
Project #: 80540-00				Technician:	Mario
				Report #:	SI#19
		Construction Ac	ctivity Observed		
Area Constructed :	Cell # 5				
Material Used :	Clay				
Lift #	1				
Lift Thickness:	12"				
Weather:	Clear				
Compaction Equipme	ent Used: 2 -	End Dumps fully loaded	Other Equipment in Use :		avator
				1 - Bull Dozer	
					
					
			<u> </u>		
			÷		
			nsity Test Performed		000
Location		% Compaction	Permeability		200 wash
1 - 7		121.3	10 -9	<u> </u>	52.4%
				_	
	٦	Photographs (expla	nin activity for each)		
Photo #	NO PICTURES	TAKEN.			·
Photo #					
Photo #					
Photo #					
Photo #				<u>,</u>	
Photo #					
Photo #					
Photo #					
Photo #					
Photo #					
Photo #					



ENGINEERING SCIENCES

Consultants in: Geotechnical Engineering • Environmental Sciences Construction Materials Testing • Threshold Inspection • Private Provider Inspection

Client: Angelo's	Aggregate Ma	aterials		Date:	11/19/2005
Project : Dade City				Work Order #:	14544
Project #: 80540-00				Technician :	Mario
,		· · ·		Report #:	SI#20
		Construction A	ctivity Observed		
Area Constructed :	Cell # 5				
Material Used :	Clay				
Lift #	2	<u> </u>			
Lift Thickness :	12"				
Weather:	Clear				
Compaction Equipme	ent Used :	2 - End Dumps fully loaded	Other Equipment in Use :	1 - TrackHoe Exc	cavator
				1 - Bull Dozer	
					
		Permeability and De	nsity Test Performed	•	
Location	- ·	% Compaction	Permeability		200 wash
2 - 7	_	127.4	10 -9		54%
	_			_	
	_				
					•
	\neg	Photographs (expl	ain activity for each)		
Photo #	NO PICTU	RES TAKEN.			
Photo #					
Photo #					
Photo #					
Photo #					
Photo #					
Photo #					·
Photo #					
Photo #					
Photo #					
Photo #	1				_



ENGINEERING SCIENCES

Consultants in: Geotechnical Engineering • Environmental Sciences Construction Materials Testing • Threshold Inspection • Private Provider Inspection

Client :	Angelo's A	ggregate Mat	erials		Date:	11/21/2005
Project :	Dade City	Landfill			Work Order #:	14545
Project # : 80540-001-02					Technician :	Mario
·					Report #:	SI#21
			Construction A	Activity Observed		
Area Cons	tructed:	Cell # 5				
Material U	sed:	Clay				
Lift #		3				i
Lift Thickn	ess:	12"			ť	
Weather:		Clear				
Compaction	n Equipme	nt Used :	2 - End Dumps fully loaded	Other Equipment in Use :		avator
					1 - Bull Dozer	
						
						
			Permeability and D	ensity Test Performed		
Loc	ation		% Compaction	Permeability		200 wash
2	- 5		. 129.2	10 -9		47.9%
		_				
					•	
		_			<u> </u>	
		-				
		-	Photographs (exp	lain activity for each)		
Dhoto #	210	- Bull Dozor D		lain activity for each)		
Photo #	21A		ushing material for third lift. (Facing South)	(Fooing Couth)	
Photo #	22A	End Dump u	ushing material for third lift. (Facing South) and contractor checking grade	e. (Facing South)	
Photo #		End Dump u	ushing material for third lift. (Facing South) and contractor checking grade	. (Facing South)	
Photo #	22A	End Dump u	ushing material for third lift. (Facing South) and contractor checking grade	e. (Facing South)	
Photo #	22A	End Dump u	ushing material for third lift. (Facing South) and contractor checking grade	. (Facing South)	
Photo # Photo #	22A	End Dump u	ushing material for third lift. (Facing South) and contractor checking grade	e. (Facing South)	
Photo # Photo # Photo #	22A	End Dump u	ushing material for third lift. (Facing South) and contractor checking grade	o. (Facing South)	
Photo # Photo # Photo # Photo # Photo #	22A	End Dump u	ushing material for third lift. (Facing South) and contractor checking grade	e. (Facing South)	
Photo # Photo # Photo # Photo # Photo # Photo #	22A	End Dump u	ushing material for third lift. (Facing South) and contractor checking grade	o. (Facing South)	
Photo #	22A	End Dump u	ushing material for third lift. (Facing South) and contractor checking grade	e. (Facing South)	









ENGINEERING SCIENCES

Consultants in: Geotechnical Engineering • Environmental Sciences Construction Materials Testing • Threshold Inspection • Private Provider Inspection

Client: Angelo's	Aggregate Materials	_		Date:	11/22/2005
Project : Dade City	Landfill	_		Work Order #:	14564
Project #: 80540-00	1-02	_		Technician:	Mario
				Report #:	SI#22
		Construction Act	ivity Observed		
Area Constructed :	Cell # 5				
Material Used :	Clay			·	
Lift #	3	_			
Lift Thickness :	12"	_			
Weather:	Clear	_			
Compaction Equipme	ent Used: 2 - End Du	ımps fully loaded	Other Equipment in Use :	1 - TrackHoe Exca	vator
	1 - Trash C	Compactor	_	1 - Bull Dozer	
			_ _		
			_		
	P	ermeability and Den	sity Test Performed		
Location	% Com	paction	Permeability		200 wash
		<u> </u>			
	<u></u>			_	
	_	-		_	
				-	•
	Р	hotographs (explai	n activity for each)		
Photo # 25A	End Dump unloading m	naterial for third lift. (F	Facing South)		
Photo #					
Photo #					
Photo #	·				
Photo #					·
Photo #					
Photo #					
Photo #					
Photo #					
Photo #					
Photo #					

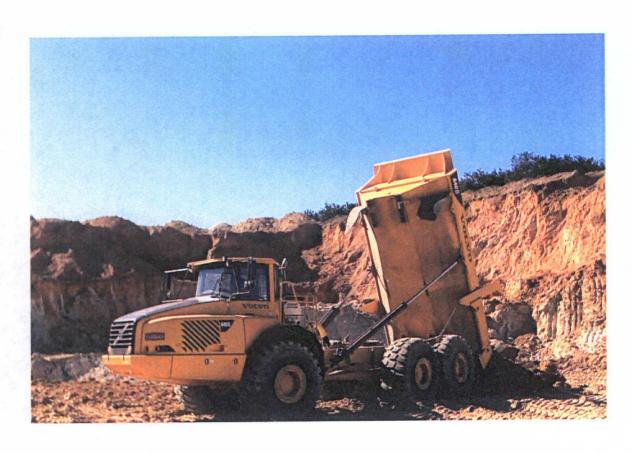


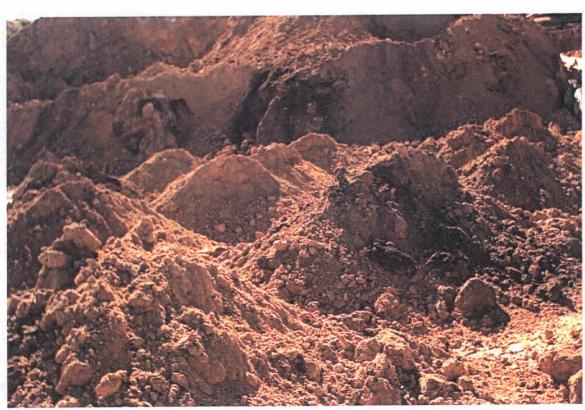


ENGINEERING SCIENCES

Consultants in: Geotechnical Engineering • Environmental Sciences Construction Materials Testing • Threshold Inspection • Private Provider Inspection

Client :	Angelo's A	Aggregate Mate	erials		Date:	11/23/2005
Project : Dade City Landfill			 		Work Order #:	14570
Project #: 80540-001-02				Technician :	Mario	
					Report #:	SI#23
			Construction	n Activity Observed		
Area Cons	structed:	Cell # 5				
Material U	sed:	Clay				
Lift #		1 & 3				
Lift Thickn	ess:	12"			ė.	
Weather:		Clear				
Compactic	n Equipme	ent Used :		Other Equipment in Use	1 - TrackHoe Exce	avator
		_			1 - Bull Dozer	
		_			2 - End Dumps	
		_				
		_				
			Permeability and	Density Test Performed		
Loc	ation		% Compaction	Permeability	_	200 wash
1	- 1		104.7	10 -9	_	46.3%
		<u> </u>			_	
					_	
			•			5
			Photographs (ex	xplain activity for each)		
Photo #	1B	End Dump ur	nloading material for third I	ift. (Facing South)		
Photo #	2B	Stockpile of r	naterial. (Facing South)			
Photo #	3B		iding end dump for third lift	. (Facing South)	<u> </u>	
Photo #	4B	T	shing material for third lift.			
Photo #	5B	Contractor ch	necking grade. (Facing So	uth)		
Photo #				·		·
Photo #						
Photo #						
Photo #						
Photo #						
I HOLO II		J .				













ENGINEERING SCIENCES

Consultants in: Geotechnical Engineering • Environmental Sciences Construction Materials Testing • Threshold Inspection • Private Provider Inspection

Client : Angelo's Aggregate Materials					Date:	11/28/2005
Project: Dade City Landfill					Work Order #:	14601
Project #: 80540-001-02					Technician:	Mario
					Report #:	SI#24
			Construction Acti	vity Observed		
Area Constructe	ed: <u>C</u>	ell # 5				
Material Used :	CI	lay				
Lift #	3					
Lift Thickness :	12	2"	•			ţ
Weather:	C	lear				
Compaction Equ	uipment l	Jsed: 2 - End Dui	mps Fully Loaded	_Other Equipment in Use :	1 - TrackHoe Exc	avator
		1 - Trash C	ompactor	<u>.</u>	1 - Bull Dozer	
				_		
				_		· · · · · · · · · · · · · · · · · · ·
						
		Pe	rmeability and Dens	sity Test Performed		
Location	<u>1</u>	Pe % Com	-	ity Test Performed Permeability	<u> </u>	200 wash
Location	<u>1</u>		paction		• , 	200 wash
	<u> </u>	% Com	paction 2.2	Permeability		
3 - 6	<u> </u>	% Com	2.2 2.6	Permeability	, <u> </u>	47.8%
3 - 6		% Com	2.2 2.6	10 -8 10 -9	, <u></u>	47.8% 42%
3 - 6 3 - 7 3 - 5		% Com	2.2 2.6 5.1	10 -8 10 -9 10 -9		47.8% 42% 37.9%
3 - 6 3 - 7 3 - 5		% Com 111 111 101 100	2.2 2.6 5.1	10 -8 10 -9 10 -9 10 -9	, <u></u>	47.8% 42% 37.9%
3 - 6 3 - 7 3 - 5 3 - 1		% Com 111 111 101 100	paction 2.2 2.6 5.1 3.5 notographs (explain	Permeability 10 -8 10 -9 10 -9 10 -9 activity for each)	, <u></u>	47.8% 42% 37.9%
3 - 6 3 - 7 3 - 5 3 - 1	7B E		paction 2.2 2.6 5.1 3.5 notographs (explain aterial for third lift. (F	Permeability 10 -8 10 -9 10 -9 10 -9 activity for each) acing South)		47.8% 42% 37.9%
3 - 6 3 - 7 3 - 5 3 - 1 Photo #	7B E1	% Com 112 108 108 Pi and Dump unloading materackHoe loading end december 108 108	paction 2.2 2.6 5.1 3.5 notographs (explain aterial for third lift. (Faump for third lift. (Fa	Permeability 10 -8 10 -9 10 -9 10 -9 activity for each) acing South) cing South)		47.8% 42% 37.9%
3 - 6 3 - 7 3 - 5 3 - 1 Photo # Photo # Photo #	7B E1 8B Tr 9B B1	% Com 112 102 108 P! and Dump unloading mater rackHoe loading end d	paction 2.2 2.6 5.1 3.5 notographs (explain aterial for third lift. (Facerial for third lift. (Permeability 10 -8 10 -9 10 -9 10 -9 activity for each) acing South) cing South)		47.8% 42% 37.9%
3 - 6 3 - 7 3 - 5 3 - 1 Photo # Photo # Photo # Photo # Photo # 1	7B E1 8B Tr 9B B1 10B C	% Com 112 103 108 Pind Dump unloading materackHoe loading end dull Dozer pushing mater	paction 2.2 2.6 5.1 3.5 notographs (explain aterial for third lift. (Faump for third lift. (Fa	Permeability 10 -8 10 -9 10 -9 10 -9 activity for each) acing South) cing South)		47.8% 42% 37.9%
3 - 6 3 - 7 3 - 5 3 - 1 Photo # Photo # Photo # Photo # Photo # 1 Photo # 1	7B E1 8B Tr 9B B1 10B C	% Com 112 102 108 P! and Dump unloading mater rackHoe loading end d	paction 2.2 2.6 5.1 3.5 notographs (explain aterial for third lift. (Faump for third lift. (Fa	Permeability 10 -8 10 -9 10 -9 10 -9 activity for each) acing South) cing South)		47.8% 42% 37.9%
3 - 6 3 - 7 3 - 5 3 - 1 Photo # Photo # Photo # Photo # 1 Photo # 1 Photo # 1 Photo #	7B E1 8B Tr 9B B1 10B C	% Com 112 103 108 Pind Dump unloading materackHoe loading end dull Dozer pushing mater	paction 2.2 2.6 5.1 3.5 notographs (explain aterial for third lift. (Faump for third lift. (Fa	Permeability 10 -8 10 -9 10 -9 10 -9 activity for each) acing South) cing South)		47.8% 42% 37.9%
3 - 6 3 - 7 3 - 5 3 - 1 Photo # Photo # Photo # Photo # 1 Photo # 1 Photo # Photo #	7B E1 8B Tr 9B B1 10B C	% Com 112 103 108 Pind Dump unloading materackHoe loading end dull Dozer pushing mater	paction 2.2 2.6 5.1 3.5 notographs (explain aterial for third lift. (Faump for third lift. (Fa	Permeability 10 -8 10 -9 10 -9 10 -9 activity for each) acing South) cing South)		47.8% 42% 37.9%
3 - 6 3 - 7 3 - 5 3 - 1 Photo # Photo # Photo # Photo # 1 Photo # Photo # Photo # Photo # Photo # Photo #	7B E1 8B Tr 9B B1 10B C	% Com 112 103 108 Pind Dump unloading materackHoe loading end dull Dozer pushing mater	paction 2.2 2.6 5.1 3.5 notographs (explain aterial for third lift. (Faump for third lift. (Fa	Permeability 10 -8 10 -9 10 -9 10 -9 activity for each) acing South) cing South)		47.8% 42% 37.9%
3 - 6 3 - 7 3 - 5 3 - 1 Photo # Photo # Photo # Photo # 1 Photo # 1 Photo # Photo #	7B E1 8B Tr 9B B1 10B C	% Com 112 103 108 Pind Dump unloading materackHoe loading end dull Dozer pushing mater	paction 2.2 2.6 5.1 3.5 notographs (explain aterial for third lift. (Faump for third lift. (Fa	Permeability 10 -8 10 -9 10 -9 10 -9 activity for each) acing South) cing South)		47.8% 42% 37.9%

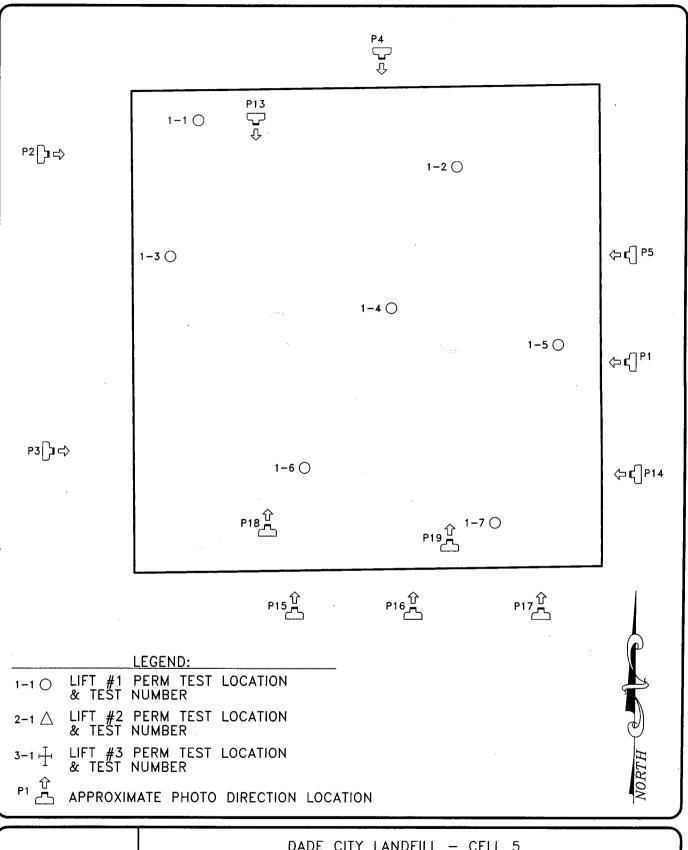








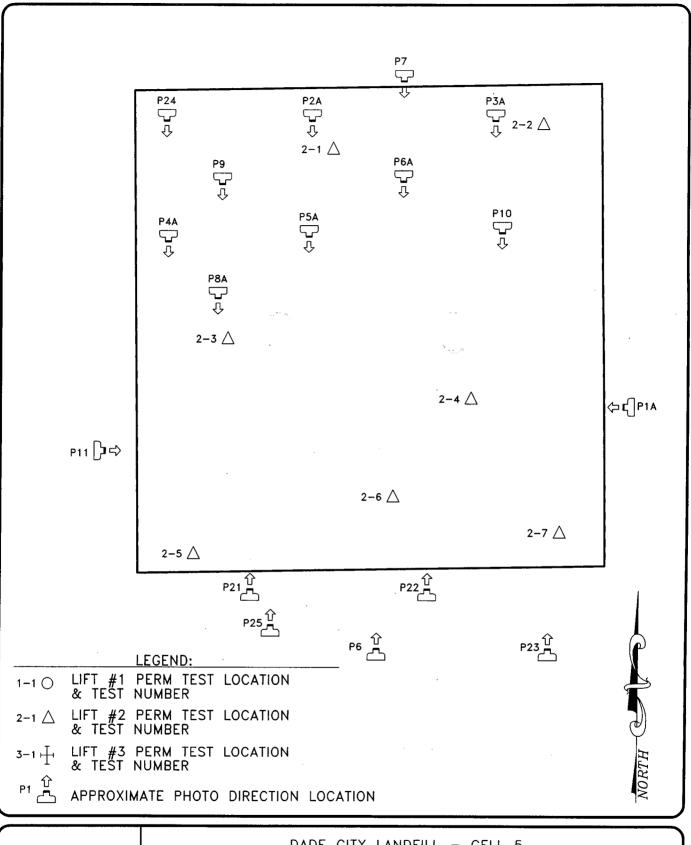


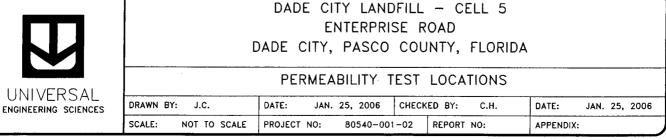


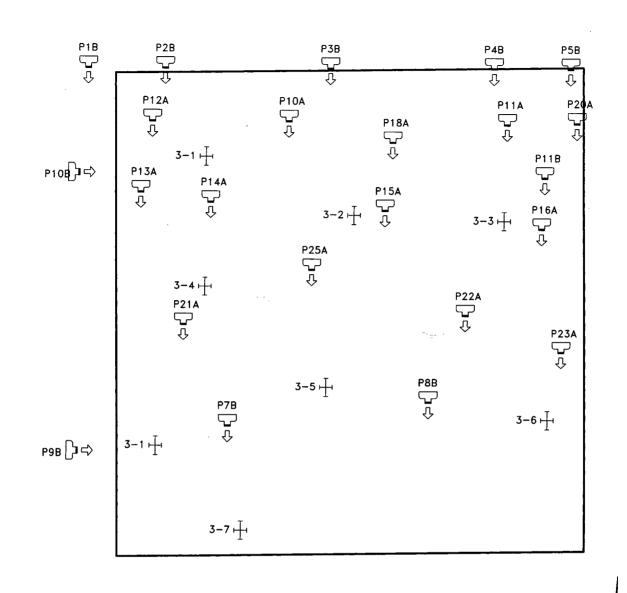


DADE CITY LANDFILL - CELL 5
ENTERPRISE ROAD
DADE CITY, PASCO COUNTY, FLORIDA

	DRAWN BY:	J.C.	DATE: JA	IAN. 25, 2006	CHECKED BY:	C.H.	DATE: JAN	1. 25, 2006
i	SCALE	NOT TO SCALE	PROJECT NO	90540-001	-02 PEPORT	NO.	APPENDIY:	







LEGEND:

LIFT #1 PERM TEST LOCATION & TEST NUMBER 1-1 ()

LIFT #2 PERM TEST LOCATION & TEST NUMBER 2-1 🛆

LIFT #3 PERM TEST LOCATION & TEST NUMBER

APPROXIMATE PHOTO DIRECTION LOCATION



DADE CITY LANDFILL - CELL 5 ENTERPRISE ROAD DADE CITY, PASCO COUNTY, FLORIDA

PERMEABILITY TEST LOCATIONS

DRAWN BY: J.C. DATE: JAN. 25, 2006 CHECKED BY: C.H. DATE: JAN. 25, 2006 NOT TO SCALE SCALE: PROJECT NO: 80540-001-02 REPORT NO: APPENDIX: