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engineers, hydrogeologists, surveyors & management consultants

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John M. Nelson, P.J.

Advice, C. Davis, P.G.

Charles, M. Shultz, P.J.

HAI #99.0331.007M Barks, M. E.O.P.

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Logal, Hollis, C.P.A. Mill, A.

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Lawrence L Jenkins PS M

July 15, 2003

Via Facsimile and UPS Overnight

Mr. Kim Ford, P.E. Florida Department of Environmental Protection Southwest District 3804 Coconut Palm Drive Tampa, Florida 33619

Subject:

Cell 1 Construction Progress Report Enterprise Recycling & Disposal Facility Angelo's Aggregate Materials, Ltd.

FDEP Permit Nos. 177982-001-SC, 177982-002-SO

Pasco County, Florida

Dear Mr. Ford:

On behalf of Angelo's Aggregate Materials, Ltd. (Angelo's), Hartman & Associates, Inc. (HAI) is submitting this progress report to summarize the construction activities for Cell 1 at the above landfill. Supporting documentation is attached for your review.

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File 12.0

Mr. Kim Ford, P.E. July 15, 2003 Page 2

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Depth to water was measured in all groundwater monitor wells and piezometers on July 8, 2003. The Groundwater and Temporary Pond Elevations table has been updated to include the resulting groundwater levels and the water elevation in the temporary pond.

We trust this submittal will satisfy the Department's request for a progress report. Please call us if you have any questions.

Very truly yours,

Hartman & Associates, Inc.

ennifer L. Deal, P.E.

Project Engineer

James E. Golden, P.G.

Senior Hydrogeologist/Associate

JEG/JLD/cr/99.0331.007/corresp/Ford.jld

cc:

Dominic Iafrate, Angelo's Craig Bryan, Angelo's Miguel A. Garcia, HAI Dale Claytor, HAI

GROUNDWATER AND TEMPORARY POND ELEVATIONS ENTERPRISE RECYCLING AND DISPOSAL FACILITY DADE CITY, FLORIDA

	TOC				
Location	Elevation, ft NGVD	Depth to Water, ft BTOC	Water Level, ft NGVD	Depth to Water, ft BTOC	Water Level, ft NGVD
		June 30, 2003	June 30, 2003	July 8, 2003	July 8, 2003
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MW-1B	174.48	100.05	74.43	99.30	75.18
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MW-8*	100.10	18.97	81.13	19.19	80.91
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P-8	133.94	61.10	72.84	60.34	73.60
P-10	132.60	58.28	74.32	57.55	75.05
P-11	150.76	46.39	104.37	45.40	105.36
P-13	112.91	37.70	75.21	36.94	75.97
TP		N/A	76.93	N/A	76.51
TP - Tempora	ary Pond	•			
TOC - top of	casing				
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NM - not mea	asured (unable	to be located in field	on that date)		
* Considered	perched wate	r table, plan to redeve	elop.		

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HAI #99.0331.007M. Parks, AICP, QEP C. Michelle Gaylord Phase 4

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W. Bruce Lafrenz, P.G. Daryll B. Parker, M.B.A. Alexis K. Stewart, P.E. Beverly J. Garrett, P.E.

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July 15, 2003

Via Facsimile and UPS Overnight

Mr. Kim Ford, P.E. Florida Department of Environmental Protection Southwest District 3804 Coconut Palm Drive Tampa, Florida 33619

Subject:

Cell 1 Construction Progress Report **Enterprise Recycling & Disposal Facility** Angelo's Aggregate Materials, Ltd.

FDEP Permit Nos. 177982-001-SC, 177982-002-SO

Pasco County, Florida

Dear Mr. Ford:

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Mr. Kim Ford, P.E. July 15, 2003 Page 2

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Hartman & Associates, Inc.

James E. Golden, P.G.

Senior Hydrogeologist/Associate

JEG/JLD/cr/99.0331.007/corresp/Ford.jld

cc: Dominic Infrate, Angelo's

Project Engineer

Craig Bryan, Angelo's Miguel A. Garcia, HAI

Dale Claytor, HAI

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engineers, hydrogeologists, surveyors & management consultants

201 EAST PINE STREET - SUITE 1000 - ORLANDO, FL 32801 TELEPHONE (407) 839-3955 - FAX (407) 481-8447

FAX

Job Number: 99.0331.007, Task 4, File 12.0

Го:	Mr. Kim Ford, P.E.
	FDEP - Southwest District
Phone:	(813) 744-6100 ext. 382
Fax:	(813) 744-6125
ce:	
Re:	Enterprise Landfill

Date:	07/15/03			
No. of	pages incl. cover page:			

From:	Jennifer L. Deal, P.E.	
	Hartman & Associates, Inc.	
Phone:	(407) 839-3955 ext. 187	
Fax:	(407) 839-2066	

I will
Thank

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July 15, 2003

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2.2.1 CAGMM Parks AICP OCES

HAI #99.0331.007M. Parks, AICR QEP Phase 4
Taru L. Hollis, C.P.A., M.B.A. W. Bruce Laftenz, P.G.

File 12.0

Daryll B. Parker, M.B.A. Alexis K. Stewart, P.E. Bewerly J. Garrett, P.E.

Via Facsimile and UPS Overnight

Mr. Kim Ford, P.E.
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Subject:

Cell 1 Construction Progress Report Enterprise Recycling & Disposal Facility Angelo's Aggregate Materials, Ltd. FDEP Permit Nos. 177982-001-SC, 177982-002-SO

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Mr. Kim Ford, P.E. July 15, 2003 Page 2

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cc: Dominic Iafrate, Angelo's
Craig Bryan, Angelo's
Miguel A. Garcia, HAI

Project Engineer

Dale Claytor, HAI

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	TOC				
	Elevation,	Depth to Water,	Water Level, ft	Depth to Water,	Water Level,
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TP		N/A	76.93	N/A	76.51
TP - Tempora	ary Pond				
TOC - top of	casing				
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NM - not mea	sured (unable	to be located in field	on that date)		
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Via Facsimile and UPS Overnight

Mr. Kim Ford, P.E. Florida Department of Environmental Protection Southwest District 3804 Coconut Palm Drive Tampa, Florida 33619

Subject:

Cell 1 Construction Progress Report Addition Enterprise Recycling & Disposal Facility

Angelo's Aggregate Materials, Ltd.

FDEP Permit Nos. 177982-001-SC, 177982-002-SO

Pasco County, Florida

Dear Mr. Ford:

On behalf of Angelo's Aggregate Materials, Ltd. (Angelo's), Hartman & Associates, Inc. (HAI) is submitting a table of groundwater elevations as an addition to the progress report.

Included is the table of groundwater elevations for the monitor wells and piezometers at the Enterprise Recycling & Disposal Facility. This table is intended to accompany the Progress Report submitted to the Department on July 3, 2003.

We consider three of the monitor well measurements (MW-5A, MW-8, and MW-10) to represent perched water table conditions. The water level data in proximity to these wells supports this theory. Our intent is to redevelop these monitor wells next week to examine the stabilization effect of the water levels.

Please call us if you have any questions.

Very truly yours,

Hartman & Associates, Inc.

James E. Golden, P.G.

Senior Hydrogeologist/Associate

Miguel A. Garcia Project Hydrogeologist

JEG/MAG/cr/99.0331.007/corresp/Ford5.jeg Dominic Iafrate, Angelo's Miguel Garcia, HAI

Craig Bryan, Angelo's

Dale Claytor, HAI

GROUNDWATER AND TEMPORARY POND ELEVATIONS

ENTERPRISE RECYCLING AND DISPOSAL FACILITY

DADE CITY, FLORIDA JUNE 30, 2003

JUL 0 9 2003

	TOC		Southv
	Elevation,	Depth to Water,	Water Level, ft
Location	ft NGVD	ft BTOC	NGVD
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201 EAST PINE STREET, SUITE 1000, ORLANDO, FLORIDA 32801 **TELEPHONE (407) 839-3955**

HYDROGEOLOGY FAX - (407) 839-2066

ADMIN./UTILITY ENGINEERING FAX - (407) 839-3790 CIVIL ENG./SURVEY/FINANCE FAX - (407) 481-8447

FACSIMILE TRANSMITTAL

TO:	Mr. Kim Ford, P	.E.	FROM:	James	E. Gold	len, P.C	ì	
	FDEP/Southwes	t District						
FAX:	813-744-6084		DATE:	July 8	, 2003			
RE:	See attached.		PROJECT:	HAI #	¥99.0331	.007		
	e sending you <u>3</u> itted as indicated b		ing this cover	sheet.	These	pages	are	being
		As requeste For your use For your co For your ap	e mments					
HARD	COPY:	Will be sent Will be sent	via regular ma via overnight via UPS grour via hand deliv	mail ıd				
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Scan M. Parks, AICP, QEP
C. Michelle Gaybrod
Tara L. Hollis, C.P.A., M.B.A.
W. Bruce Lafrenz, P.G.
Daryli B. Parker, M.B.A. Daryll B. Parker, M.B.A. Alexis K. Stewart, P.E. Beverly J. Garrett, P.E.

SENIOR ASSOCIATES:

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July 8, 2003

HAI #99.0331.007

Phase 4 File 12.0

Via Facsimile and UPS Overnight

Mr. Kim Ford, P.E. Florida Department of Environmental Protection Southwest District 3804 Coconut Palm Drive Tampa, Florida 33619

Subject:

Cell 1 Construction Progress Report Addition Enterprise Recycling & Disposal Facility

Angelo's Aggregate Materials, Ltd.

FDEP Permit Nos. 177982-001-SC, 177982-002-SO

Pasco County, Florida

Dear Mr. Ford:

On behalf of Angelo's Aggregate Materials, Ltd. (Angelo's), Hartman & Associates, Inc. (HAI) is submitting a table of groundwater elevations as an addition to the progress report.

Included is the table of groundwater elevations for the monitor wells and piezometers at the Enterprise Recycling & Disposal Facility. This table is intended to accompany the Progress Report submitted to the Department on July 3, 2003.

We consider three of the monitor well measurements (MW-5A, MW-8, and MW-10) to represent perched water table conditions. The water level data in proximity to these wells supports this theory. Our intent is to redevelop these monitor wells next week to examine the stabilization effect of the water levels.

Please call us if you have any questions.

Very truly yours,

Hartman & Associates, Inc.

Miguel A. Garcia

Project Hydrogeologist

James E. Golden, P.G.

Senior Hydrogeologist/Associate

JEG/MAG/cr/99.0331.007/corresp/Ford5.jeg

Dominic Iafrate, Angelo's Miguel Garcia, HAI

Craig Bryan, Angelo's

Dale Claytor, HAI

201 EAST PINE STREET · SUITE 1000 · ORLANDO, FL 32801 TELEPHONE (407) 839-3955 • FAX (407) 839-3790 • www.consulthai.com A TETRA TECH COMPANY **ORLANDO** FORT MYERS PLANTATION **JACKSONVILLE** DESTIN ATLANTA

GROUNDWATER AND TEMPORARY POND ELEVATIONS ENTERPRISE RECYCLING AND DISPOSAL FACILITY DADE CITY, FLORIDA JUNE 30, 2003

	TOC				
	Elevation,	Depth to Water,	Water Level, ft		
Location	ft NGVD	ff BTOC	NGVD		
		June 30, 2003	June 30, 2003		
MW-1	116.71	41.93	74.78		
MW-1B	174.48	100.05	74.43		
MW-5A*	86.74	5.69	81.05		
MW-5B	85.70	11.37	74.33		
MW-6	88.65	13.96	74.69		
MW-7A	92.46	17.04	75.42		
MW-7B	93.24	18.87	74.37		
MW-8*	100.10	18.97	81.13		
MW-9	113.36	Dry (TOC - 35.3 ft BTOC) = 78.06			
MW-10*	111.62	30.40	81.22		
P-2	96.83	22.31	74.52		
P-4	84.55	6.69	77.86		
P-5	94.56	NM			
P-6	94.16	19.63	74.53		
P-7	102.81	26.89	75.92		
P-8	133.94	61.10	72.84		
P-10	132.60	58.28	74.32		
P-11	150.76	46.39	104.37		
P-13	112.91	37.70	75.21		
TP		N/A	76.93		
TP - Tempora	ry Pond				
TOC - top of c	casing				
BTOC - below	top of casing				
VM - not mea	sured (unable	to be located in field	on that date)		
Considered	perched water	table, plan to redeve	lop.		

9 while Eday

stat? ->



engineers, hydrogeologists, surveyors & management consultants

201 EAST PINE STREET - SUITE 1000 - ORLANDO, FL 32801 TELEPHONE (407) 839-3955 - FAX (407) 481-8447

As Requested

FAX

REMARKS:

Job Number: 99.0331.007, Task 4, File 12.0

To:	Mr. Kim Ford, P.E.
	FDEP - Southwest District
Phone:	(813) 744-6100 ext. 382
Fax:	(813) 744-6125
ec:	
Re:	Enterprise Landfill

Urgent

07/03		_
No. of pages incl. cover page:		

From:	Jennifer L. Deal, P.E.	
	Hartman & Associates, Inc.	
Phone:	(407) 839-3955 ext. 187	
Fax:	ax: (407) 839-2066	

Please comment

Kim,
Following is the table of groundwater elevations for the monitor wells and piezometers at the Enterprise Recycling & Disposal Facility. This table is intended to accompany the Progress Report submitted to the Department on July 3, 2003. We consider three of the monitor well measurements (MW-5A, MW-8, and MW-10) to represent perched water table conditions. The water level data in proximity to these wells supports this theory. We intend to redevelop these monitor wells next week to examine the stabilization effect of the water levels. Please call Miguel Garcia or me if you have any questions regarding the table.
Jennifer

For your review

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