



**PIMA COUNTY
PROCUREMENT DEPARTMENT
DESIGN AND CONSTRUCTION DIVISION**
130 W. CONGRESS STREET, 3rd FLOOR. ☞ TUCSON, AZ. 85701
PHONE: (520) 724-3731 FAX: (520) 724-4434

January 15, 2016

ADDENDUM No. 1

PROJECT: Tangerine Landfill Final Closure Plan

SOLICITATION NO.: IFB 198029

TO ALL CONTRACTORS:

The following changes, clarifications and/or additions shall be incorporated to the above-referenced Invitation for Bid.

REPLACE: Sheets 3 & 7 in Tangerine Landfill Closure Plans package with the Sheets 3 & 7 attached to this Addendum.

DELETE: "Also includes all clearing and stripping costs" in its entirety in Subsection 2.8.D.2 of Section 01025; Measurement and Payment of Tangerine LF Closure Project Specifications document.

Any questions regarding this Addendum should be directed to Ana Wilber at ana.wilber@pima.gov.

Bidders must acknowledge receipt of this Addendum on the bid form provided in the project specifications book. Failure to do so **will** render the bid non-responsive.

All other specifications, terms and conditions, not specifically changed by this Addendum, shall remain the same.

Ana Wilber

Ana Wilber, CASPP, CPPB
Commodity / Contracts Officer
Change 120 calendar days to 180 calendar days.

MH

Questions and Answers:

Q1. Is a dust permit required?

A1. No.

Q2. Does the hydro seeding need to be maintained?

A2. No.

Q3. What's the load estimate in cubic yards?

A3. It is 17 per load.

Q4. Section 01010, Part 1.5.A.3&4: The description of work includes "Borrow soils are currently being tested" & "Contractor shall assume imported soil will arrive at the rate of 200 loads per day". Question, does the Owner have predetermined material source for the cover material? Is the Owner delivering the cover material to the site?

A4. The County has previously identified a material source for the cover for this project and is currently having it delivered to the site by a Contractor under separate contract with the County.

Q5. Detail 2 on Sheet 6: What are the depths of the Cut-off walls?

A5. As referenced by the "A/8 Similar" call out on Section A-A of Detail 2/6, the upstream cutoff wall is 2 feet deep and the downstream cutoff wall is 4 feet deep.

Q6. Detail 3 on Sheet 6: What bid item shall the bollards be included?

A6. Bollards should be included in the unit price bid for Downchute Road Crossings (Bid Item 14) as they are a component item of that detail (Detail 2/6).

Q7. Section 01010, Part 1.5.A.8: Would the Owner please provide the Leachate Collection Pump Depth for the pump that is supposed to be removed and reinstalled?

A7. According to the original specifications for construction of this leachate sump, the pump is set at 250 feet.

Q8. Is there a designated source for the 261,000 cubic yards of cover material for the Tangerine Rd. Landfill and if not, where can I find the specification for the cover material needed?

A8. The County has previously identified a material source for the cover for this project and is currently having it delivered to the site by a Contractor under separate contract with the County.

Q9. We are looking into details for the SWPPP on the Tangerine landfill Final Closure. We needed to know if the project would fall within .25 miles of the Santa Cruz River and need a monitoring plan included in the SWPPP?

A9. The southwest corner of the Tangerine Landfill is within 0.25 miles of the Santa Cruz River.

Q10. Are the risers PVC or ribbed ADS/HPDE?

A10. They are HDPE. It looks like the contractor may be thinking that they are corrugated HDPE (often referred to as "ADS pipe"), but they are standard (solid wall) HDPE pipe risers.

Q11. Are the diversion berms constructed out of final cover rather than engineered fill as indicated on Detail 3 on Sheet 5?

A11. The County team searched the entire document (both the IFB prepared by the County and the Technical Specifications prepared by Cornerstone) for the terms "berm", "diversion", "stormwater", and "storm water" to see if they were used in text that was describing the construction of the final cover component itself. We did not find any such locations. Contractor that raised this issue must clarify the location in the text that he is concerned about.

Q12. Construction of The Landfill Final Cover: States: Borrow soils are currently being tested to identify the level of compaction that will be required to be meet. Question, is the "Borrow Soils" referred to the Final Cover, Engineered Fill and General Fill soils materials?

A12. Yes

Q13. Is the Borrow Soils material being provided by Pima County?

A13. Yes

Q14. Delivery Rate Escalator States: "Contractor shall assume imported soil will arrive at a rate of 200 loads per day" Question, is the Final Cover soil material being provided by Pima County?

A14. Yes

Q15. What is the source for the Final Cover soil material? Has the Final Cover soil material been tested and is the test data available?

A15. The source is Marana Regional Landfill. The testing data is attached to this Addendum. Refer to document entitled "Laboratory Test Report" prepared by Ninjo and Moore dated December 29, 2015 (16 pages).

Q16. Will the Final Cover soil material be delivered to the project site meeting all the requirements of the specifications (sizing, permeability etc.)?

A16. Yes

Q17. How will the Final Cover soil material be delivered to the landfill, belly dumps, end dumps, etc?

A17. There will be a combination of both.

Q18. Is it the intention of the County to stockpile the Final Cover soil material on-site or will the Final Cover soil material be delivered directly to the contractors placing operation?

A18. The material is currently being stocked pile on the top deck for placement and compaction. All materials will be supplied on that top deck for distribution and placement.

Q19. Will traffic control (flagmen and devices) be required at the entrance to the landfill during hauling operations?

A19. No

Q20. Are the Engineered Fill and General Fill also being provided by Pima County?

A20. Yes

Q21. Is a Street Sweeper required to be present and working during all hours of hauling operations?

A21. Yes, it must be on site at all times and operated as needed.

Q22. Section 01025; Measurement and Payment; 2.8 Pay Items; D. Waste Relocation; 2.
States: "provide daily cover" Question, what is the quantity of daily cover to be provided?

A22. A 6" minimum over the area exposed by the contractor.

Q23. Section 01025; Measurement and Payment; 2.8 Pay Items; D. Waste Relocation; 2.
States: "provide daily cover" Question, Is the Daily Cover material to be provided by Pima County?

A23. Yes

Q24. Section 01025; Measurement and Payment; 2.8 Pay Items; D. Waste Relocation; 2.
States: "Also includes all clearing and stripping costs." Question, what are the quantities of clearing and stripping?

A24. Clearing and stripping is not required. See the above change.

Q25. "Payment will also include costs to mix odor controlling additives into dust control water as necessary." Question, will the odor control additive be provided by Pima County?

A25. No

Q26. Section 01025; Measurement and Payment; 2.8 Pay Items; F. Final Cover Soil; 2. States:
"Payment includes all costs to load, haul, place, moisture condition, compact" Question, is Pima County supplying the "Final Cover" soil material?

A26. Yes

Q27. Section 01025; Measurement and Payment; 2.8 Pay Items; F. Final Cover Soil; 2. States:
"Payment includes all costs to load, haul, place, moisture condition, compact" Question, would the "loading and hauling" be from an on-site stockpile of "Final Cover" soil material?

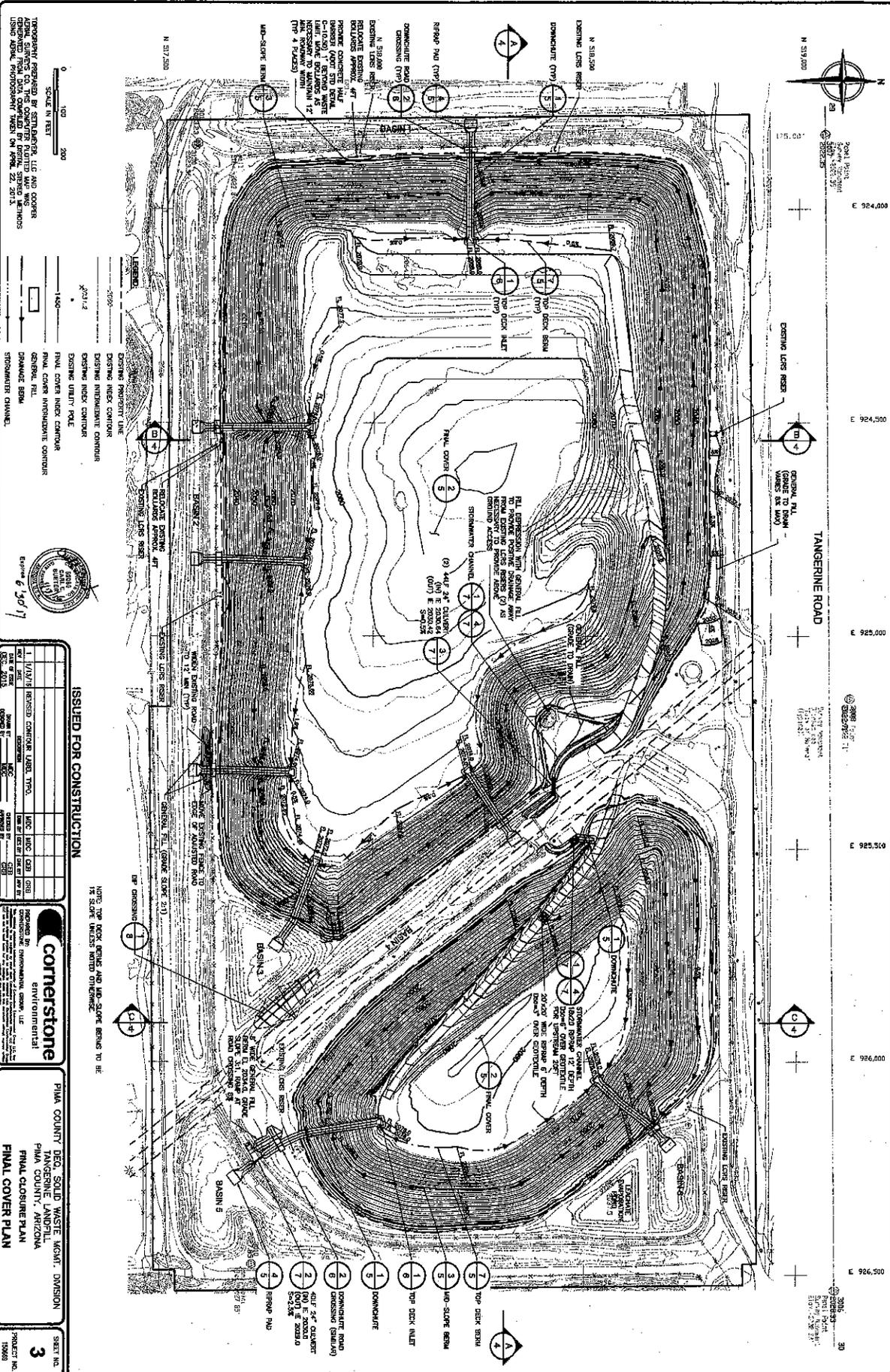
A27. Yes

Q28. Engineered Fill; 2. States: "Payment includes all costs to load, haul, place, moisture condition, compact". Question, is Pima County supplying the "Engineered Fill" soil material?

A28. Yes

Q29. Would the "loading and hauling" be from an on-site stockpile of "Engineered Fill" soil material?

A29. Yes



TEMPORARILY PREPARED BY SETI BARBER, LLC AND GEORGE ADRIAN GIBBS FOR THE COUNTY OF PINAL AND PIMA COUNTIES. THIS DRAWING IS NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN CONSENT OF SETI BARBER, LLC AND GEORGE ADRIAN GIBBS.

SCALE IN FEET
0 100 200

ISSUED FOR CONSTRUCTION

DATE: 6/30/17

NO.	DATE	DESCRIPTION	BY	CHECKED
1	1/15/17	REVISED CONTOUR LINE TYPE	MAC	MAC
2	1/15/17	REVISED CONTOUR LINE TYPE	MAC	MAC
3	1/15/17	REVISED CONTOUR LINE TYPE	MAC	MAC
4	1/15/17	REVISED CONTOUR LINE TYPE	MAC	MAC
5	1/15/17	REVISED CONTOUR LINE TYPE	MAC	MAC
6	1/15/17	REVISED CONTOUR LINE TYPE	MAC	MAC
7	1/15/17	REVISED CONTOUR LINE TYPE	MAC	MAC
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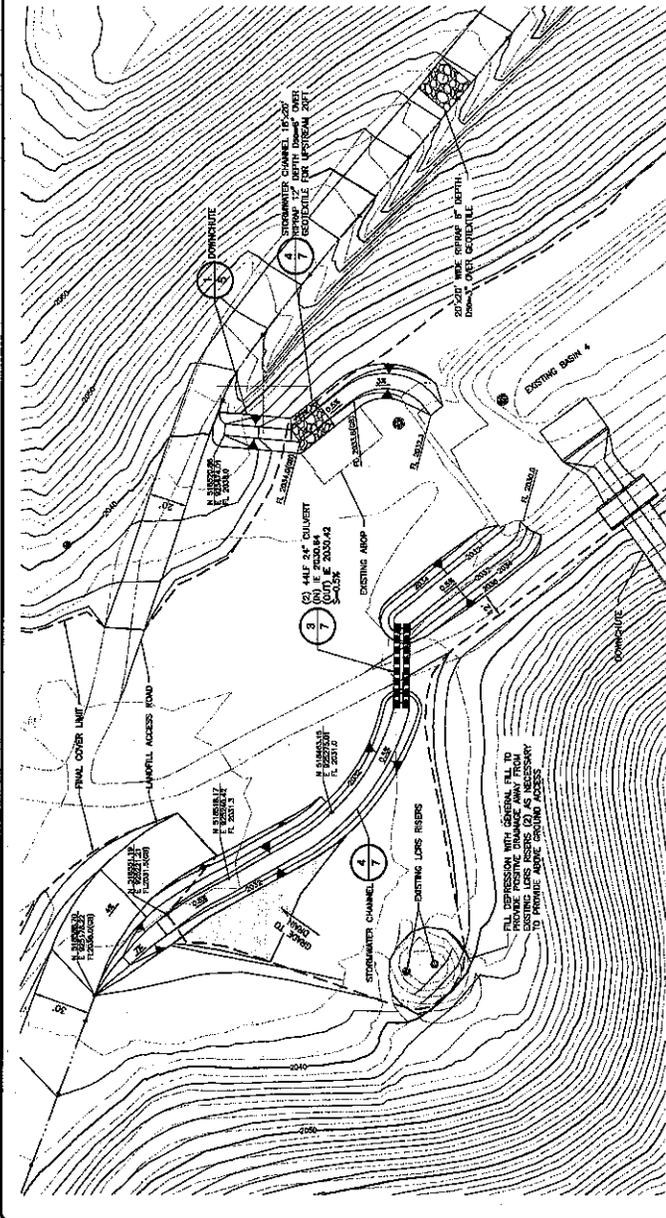
cornerstone
environmental

DESIGNED BY: ENVIRONMENTAL CORNERSTONE, LLC
1000 N. GILBERT AVENUE, SUITE 100
MESA, AZ 85204
PH: 480.966.8800
WWW.CORNERSTONE-ENV.COM

PINAL COUNTY GEO. SOLID WASTE REG. DIVISION
TANGERINE LANDFILL
PINAL COUNTY, ARIZONA
FINAL COVER PLAN

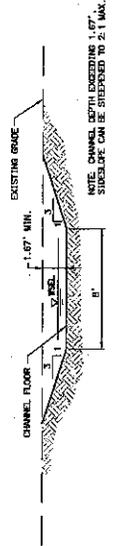
SHEET NO. 3
PROJECT NO. 15068

NOTE: TOP ROCK BENCH AND 10% SLOPE BENCHES TO BE 1% SLOPE UNLESS NOTED OTHERWISE.

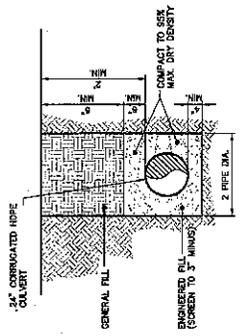


CHANNEL - PLAN
DETAIL
SCALE 1"=30'

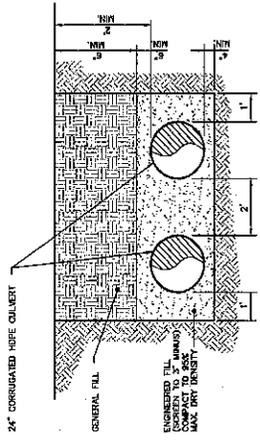
SCALE IN FEET



STORMWATER CHANNEL
DETAIL
SCALE NOT TO SCALE



CULVERT TRENCH
DETAIL
SCALE 1"=2'



CULVERT TRENCH
DETAIL
SCALE NOT TO SCALE

ISSUED FOR CONSTRUCTION

DATE	DESCRIPTION	BY	CHKD BY
11/15/13	1. (AD) REVISED PERMITS LABEL, TYPED	MAC	CEB
11/15/13	2. (AD) REVISED PERMITS LABEL, TYPED	MAC	CEB
11/15/13	3. (AD) REVISED PERMITS LABEL, TYPED	MAC	CEB
11/15/13	4. (AD) REVISED PERMITS LABEL, TYPED	MAC	CEB
11/15/13	5. (AD) REVISED PERMITS LABEL, TYPED	MAC	CEB
11/15/13	6. (AD) REVISED PERMITS LABEL, TYPED	MAC	CEB
11/15/13	7. (AD) REVISED PERMITS LABEL, TYPED	MAC	CEB
11/15/13	8. (AD) REVISED PERMITS LABEL, TYPED	MAC	CEB
11/15/13	9. (AD) REVISED PERMITS LABEL, TYPED	MAC	CEB
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11/15/13	14. (AD) REVISED PERMITS LABEL, TYPED	MAC	CEB
11/15/13	15. (AD) REVISED PERMITS LABEL, TYPED	MAC	CEB
11/15/13	16. (AD) REVISED PERMITS LABEL, TYPED	MAC	CEB
11/15/13	17. (AD) REVISED PERMITS LABEL, TYPED	MAC	CEB
11/15/13	18. (AD) REVISED PERMITS LABEL, TYPED	MAC	CEB
11/15/13	19. (AD) REVISED PERMITS LABEL, TYPED	MAC	CEB
11/15/13	20. (AD) REVISED PERMITS LABEL, TYPED	MAC	CEB



TEMPORARILY PREPARED BY SETTLER, LLC AND COOPER
 ENGINEERING, INC. FOR THE PROJECT AND/OR
 GENERATED FROM DATA OBTAINED BY JAMES R. COOPER
 USING AERIAL PHOTOGRAPHY TAKEN ON APRIL 22, 2013.

PROJECT NO. 150669
 DIVISION 7
 PIMA COUNTY DEPT. OF SOLID WASTE MGMT.
 PIMA COUNTY, ARIZONA
 FINAL CLOSURE PLAN
 CHANNEL PLAN AND DETAILS

cornerstone
 environmental
 CONSULTING ENGINEERS, LLC
 1000 N. GILBERT AVENUE, SUITE 100
 TUCSON, ARIZONA 85719
 PHONE: (520) 883-8888
 FAX: (520) 883-8889
 WWW: CORNERSTONEENVIRONMENTAL.COM

Date: December 29, 2015

Project No: 604891001

To: Cornerstone Environmental
17 West Wetmore Road, Suite 310
Tucson, Arizona 85705

Project Name: Tangerine Landfill Closure
Tucson, Arizona

Attention: Mrs. Garth R. Bowers, PE

We Transmit:	Via:	For Your:	The following:
<input checked="" type="checkbox"/> herewith	<input type="checkbox"/> mail	<input type="checkbox"/> use	<input type="checkbox"/> drawings
<input type="checkbox"/> under separate cover	<input type="checkbox"/> overnight mail	<input type="checkbox"/> review & comment	<input type="checkbox"/> show drawing/product data
<input type="checkbox"/> as requested	<input type="checkbox"/> messenger	<input type="checkbox"/> information	<input type="checkbox"/> specifications
	<input type="checkbox"/> facsimile	<input checked="" type="checkbox"/> record	<input type="checkbox"/> calculations
	<input checked="" type="checkbox"/> e-mail	<input type="checkbox"/> distribution	<input type="checkbox"/> subconsultant agreement
		<input type="checkbox"/> approval/acceptance	<input type="checkbox"/> change order
		<input type="checkbox"/> signature	<input checked="" type="checkbox"/> report
			<input type="checkbox"/> originals

Description	
<input type="checkbox"/> Daily Report of Field Observation	Dates:
<input type="checkbox"/> Special Inspection Service Daily Report	Dates:
<input checked="" type="checkbox"/> In-Situ Nuclear Density Test Results	Test No.: Dates:
<input checked="" type="checkbox"/> Soils/Aggregate Data Sheet	Lab No.: See attached lab test results
<input type="checkbox"/> Concrete Compressive Strength Report	Lab No.:

REMARKS:

Submitted herewith are the test results for the above referenced project.

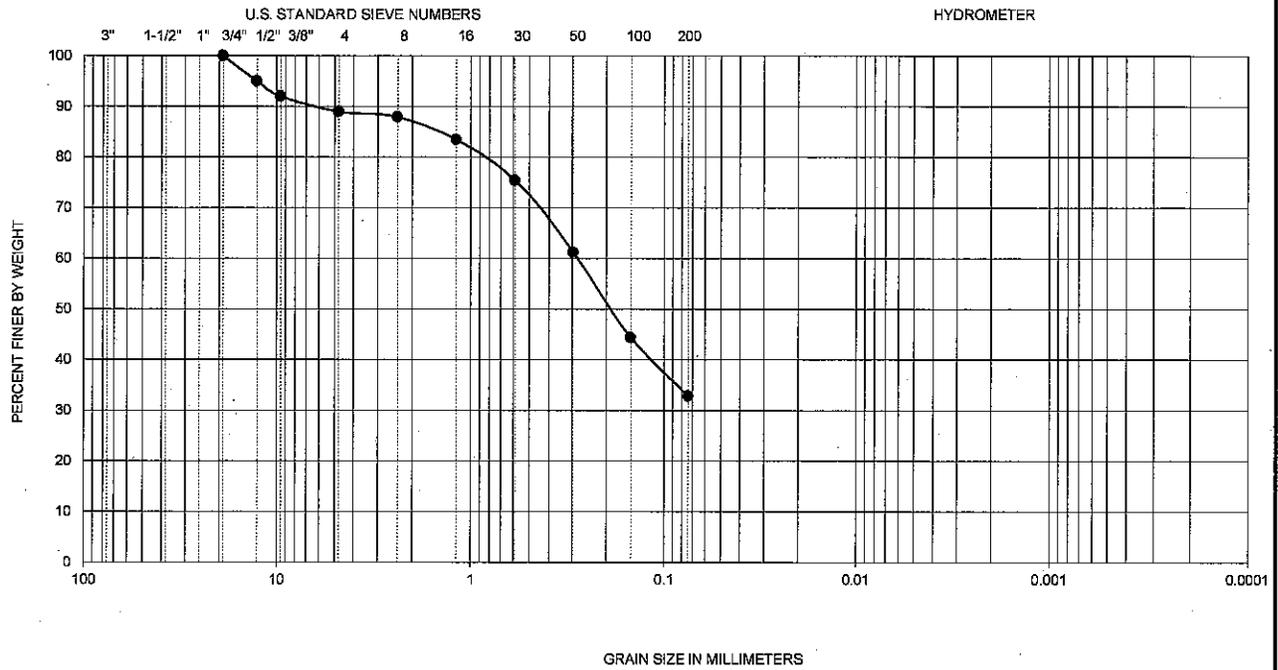
Thank you,

Marek Kasztalski
Marek Kasztalski, P.E., P.M.P., LEED AP
Senior Geotechnical Engineer



EXPIRES 12/31/2018

GRAVEL		SAND			FINES	
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay

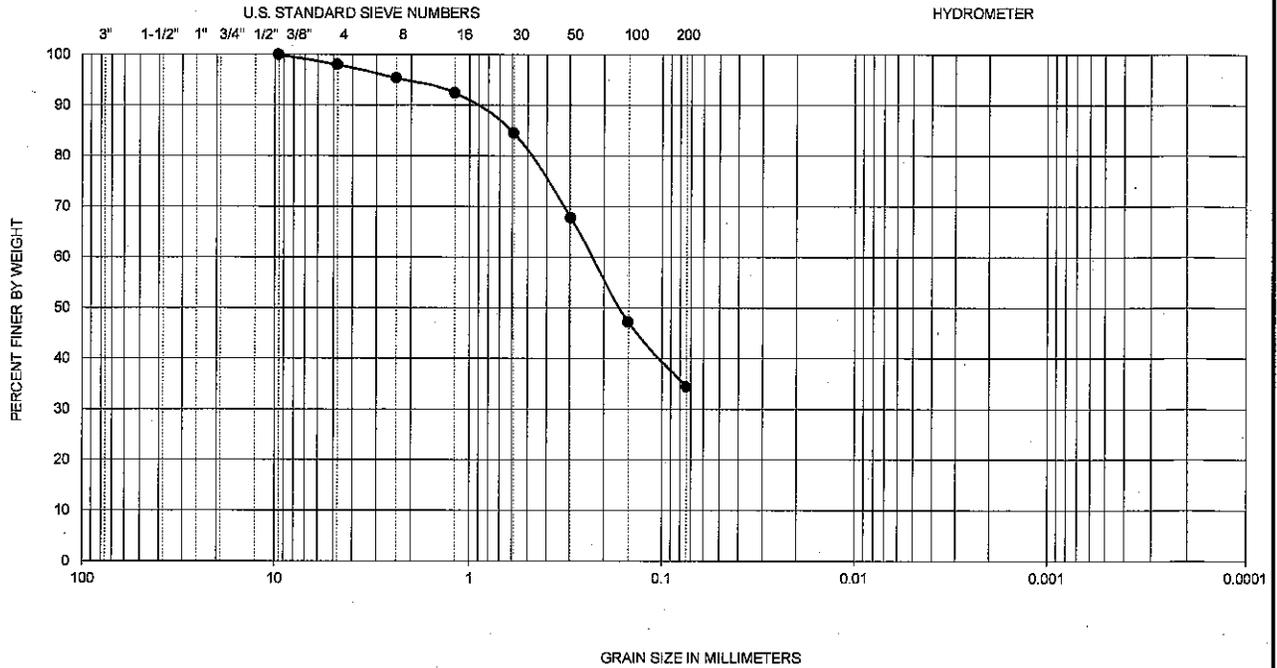


Symbol	Hole No.	Depth (ft)	Liquid Limit	Plastic Limit	Plasticity Index	D ₁₀	D ₃₀	D ₆₀	C _u	C _c	Passing No. 200 (%)	U.S.C.S
●	Sample 1	0.0-0.8	24	13	11	--	--	--	--	--	33	SC

PERFORMED IN GENERAL ACCORDANCE WITH ASTM D 422

Ninyo & Moore		GRADATION TEST RESULTS	TANGERINE LANDFILL CLOSURE 10220 W. TANGERINE ROAD TUCSON, ARIZONA	FIGURE B-1
PROJECT NO.	DATE			
604891001	12/15			

GRAVEL		SAND			FINES	
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay

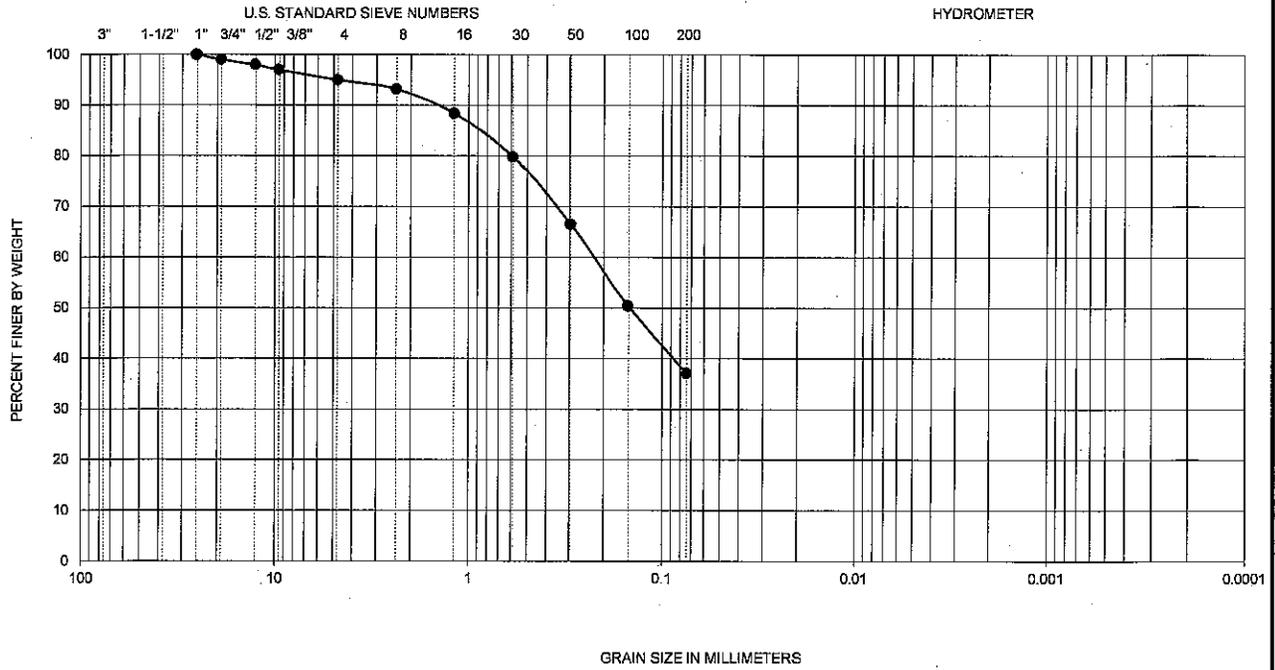


Symbol	Hole No.	Depth (ft)	Liquid Limit	Plastic Limit	Plasticity Index	D ₁₀	D ₃₀	D ₆₀	C _u	C _c	Passing No. 200 (%)	U.S.C.S
●	Sample 2	0.0-0.8	23	6	17	--	--	--	--	--	34	SC

PERFORMED IN GENERAL ACCORDANCE WITH ASTM D 422

Ninyo & Moore		GRADATION TEST RESULTS		FIGURE B-2
PROJECT NO.	DATE	TANGERINE LANDFILL CLOSURE		
604891001	12/15	10220 W. TANGERINE ROAD TUCSON, ARIZONA		

GRAVEL		SAND			FINES	
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay

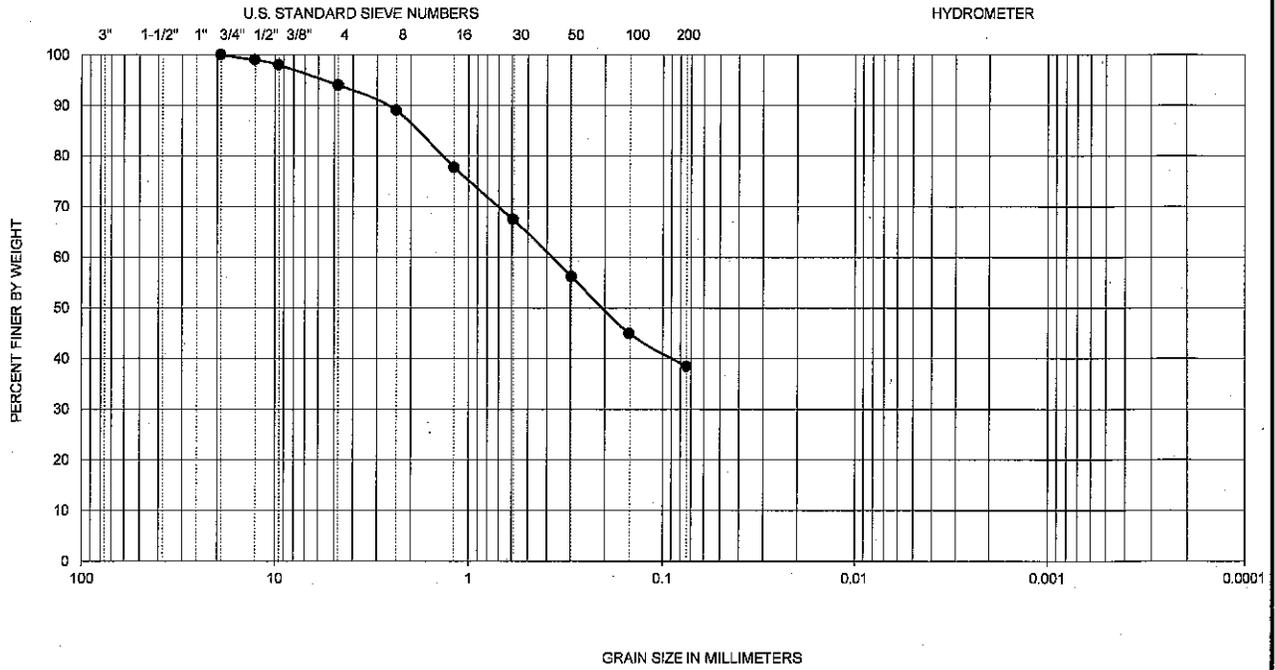


Symbol	Hole No.	Depth (ft)	Liquid Limit	Plastic Limit	Plasticity Index	D ₁₀	D ₃₀	D ₆₀	C _u	C _c	Passing No. 200 (%)	U.S.C.S
●	Sample 3	0.0-0.8	25	13	12	--	--	--	--	--	37	SC

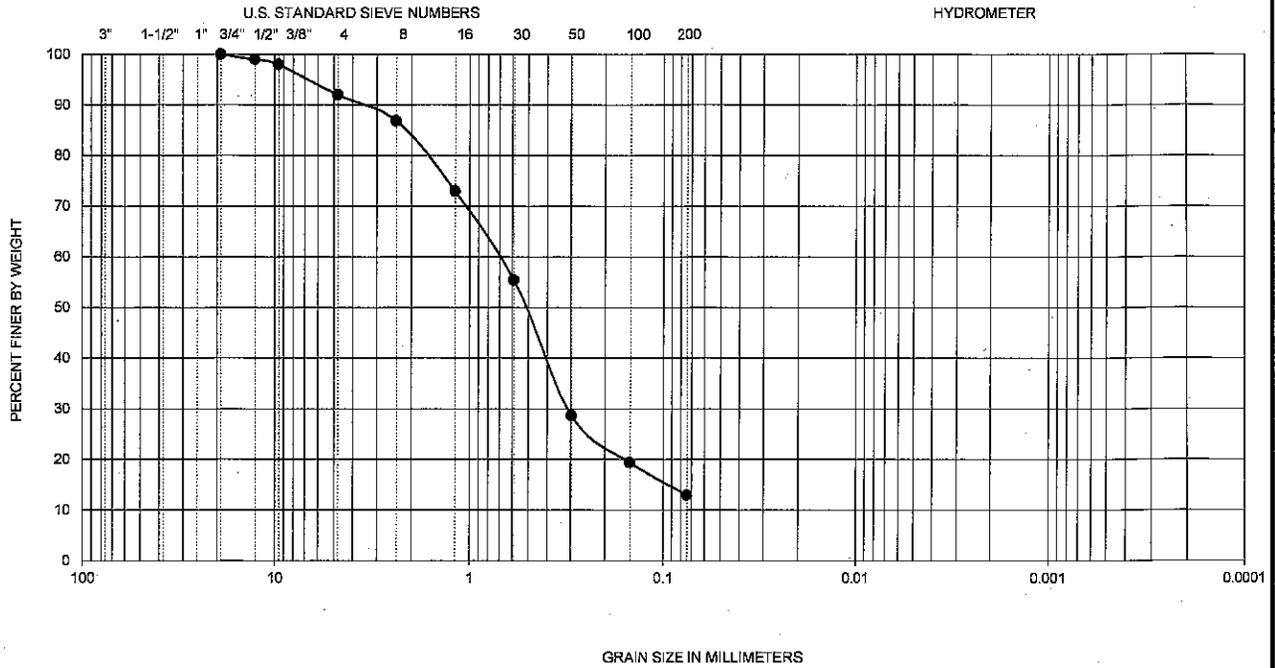
PERFORMED IN GENERAL ACCORDANCE WITH ASTM D 422

Ninyo & Moore		GRADATION TEST RESULTS		FIGURE B-3
PROJECT NO.	DATE	TANGERINE LANDFILL CLOSURE		
604891001	12/15	10220 W. TANGERINE ROAD TUCSON, ARIZONA		

GRAVEL		SAND			FINES	
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay



GRAVEL		SAND			FINES	
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay

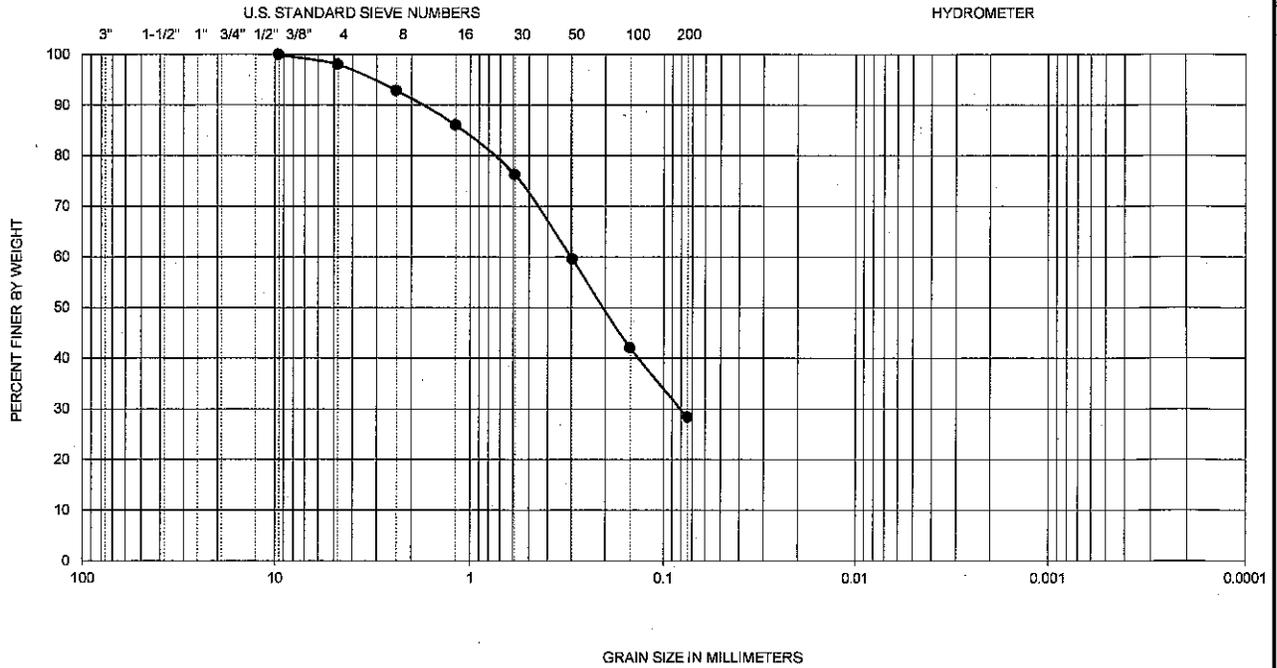


Symbol	Hole No.	Depth (ft)	Liquid Limit	Plastic Limit	Plasticity Index	D ₁₀	D ₃₀	D ₆₀	C _u	C _c	Passing No. 200 (%)	U.S.C.S
●	Sample 5	0.0-0.8	36	15	21	--	--	--	--	--	13	SC

PERFORMED IN GENERAL ACCORDANCE WITH ASTM D 422

Ninyo & Moore		GRADATION TEST RESULTS		FIGURE B-5
PROJECT NO.	DATE	TANGERINE LANDFILL CLOSURE		
604891001	12/15	10220 W. TANGERINE ROAD TUCSON, ARIZONA		

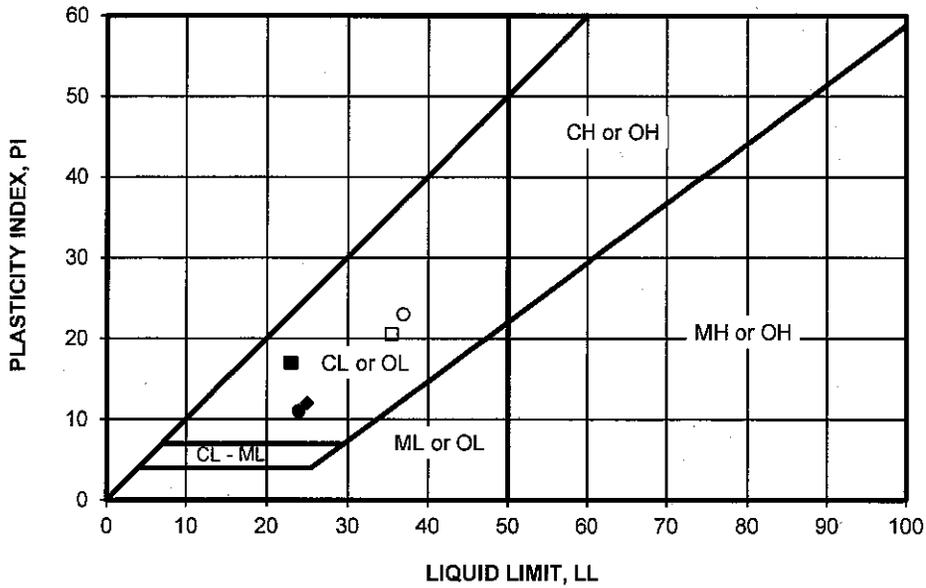
GRAVEL		SAND			FINES	
Coarse	Fine	Coarse	Medium	Fine	Silt	Clay



Symbol	Hole No.	Depth (ft)	Liquid Limit	Plastic Limit	Plasticity Index	D ₁₀	D ₃₀	D ₆₀	C _u	C _c	Passing No. 200 (%)	U.S.C.S
●	Excavation	0.0-0.8	N/A	N/A	N/A	--	--	--	--	--	28	SC

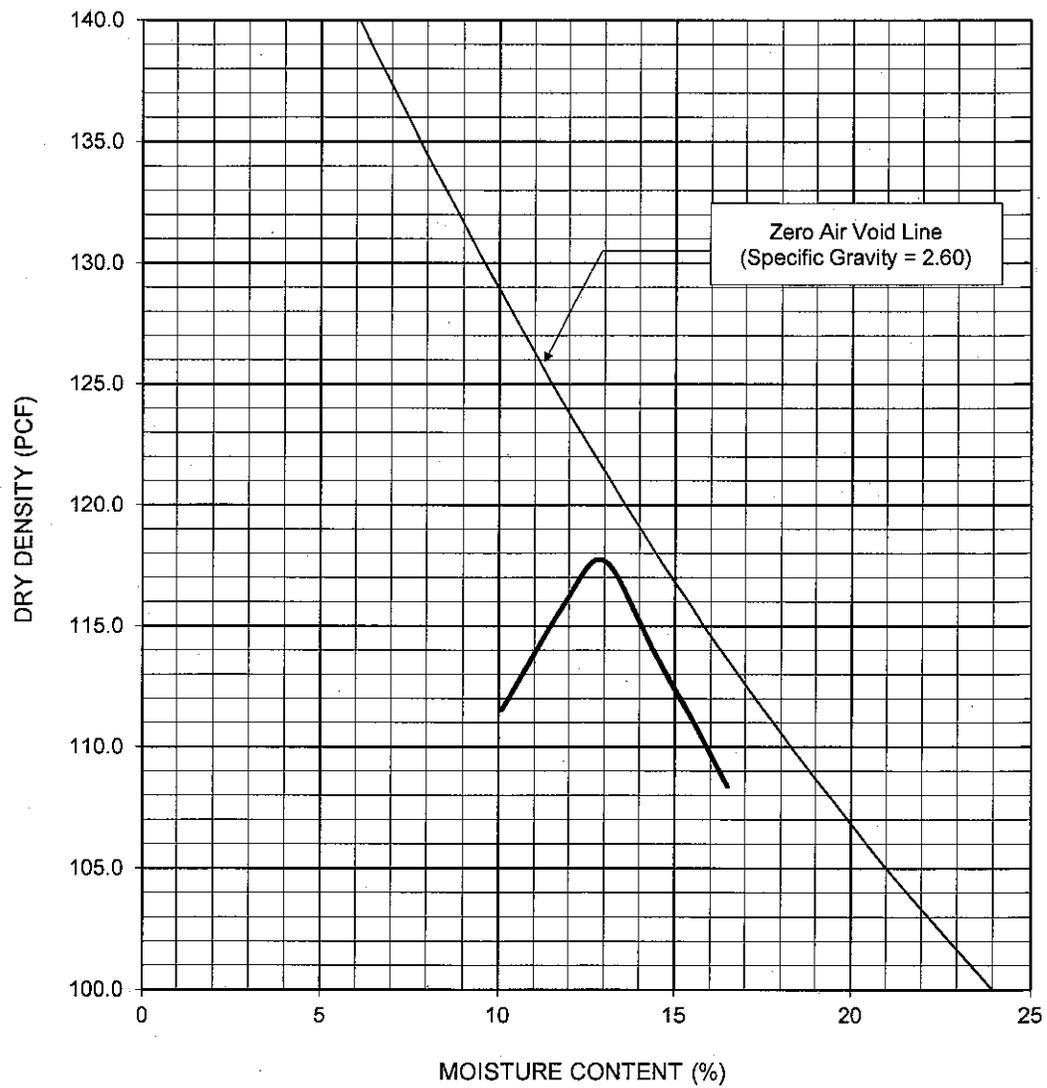
Ninyo & Moore		GRADATION TEST RESULTS TANGERINE LANDFILL CLOSURE 10220 W. TANGERINE ROAD TUCSON, ARIZONA	FIGURE
PROJECT NO.	DATE		B-6
604891001	12/15		

SYMBOL	LOCATION	DEPTH (FT)	LIQUID LIMIT, LL	PLASTIC LIMIT, PL	PLASTICITY INDEX, PI	USCS CLASSIFICATION (Fraction Finer Than No. 40 Sieve)	USCS (Entire Sample)
●	Sample 1	0.0-0.8	24	13	11	CL	SC
■	Sample 2	0.0-0.8	23	6	17	CL	SC
◆	Sample 3	0.0-0.8	25	13	12	CL	SC
○	Sample 4	0.0-0.8	37	14	23	CL	SC
□	Sample 5	0.0-0.8	36	15	21	CL	SC



PERFORMED IN GENERAL ACCORDANCE WITH ASTM D 4318

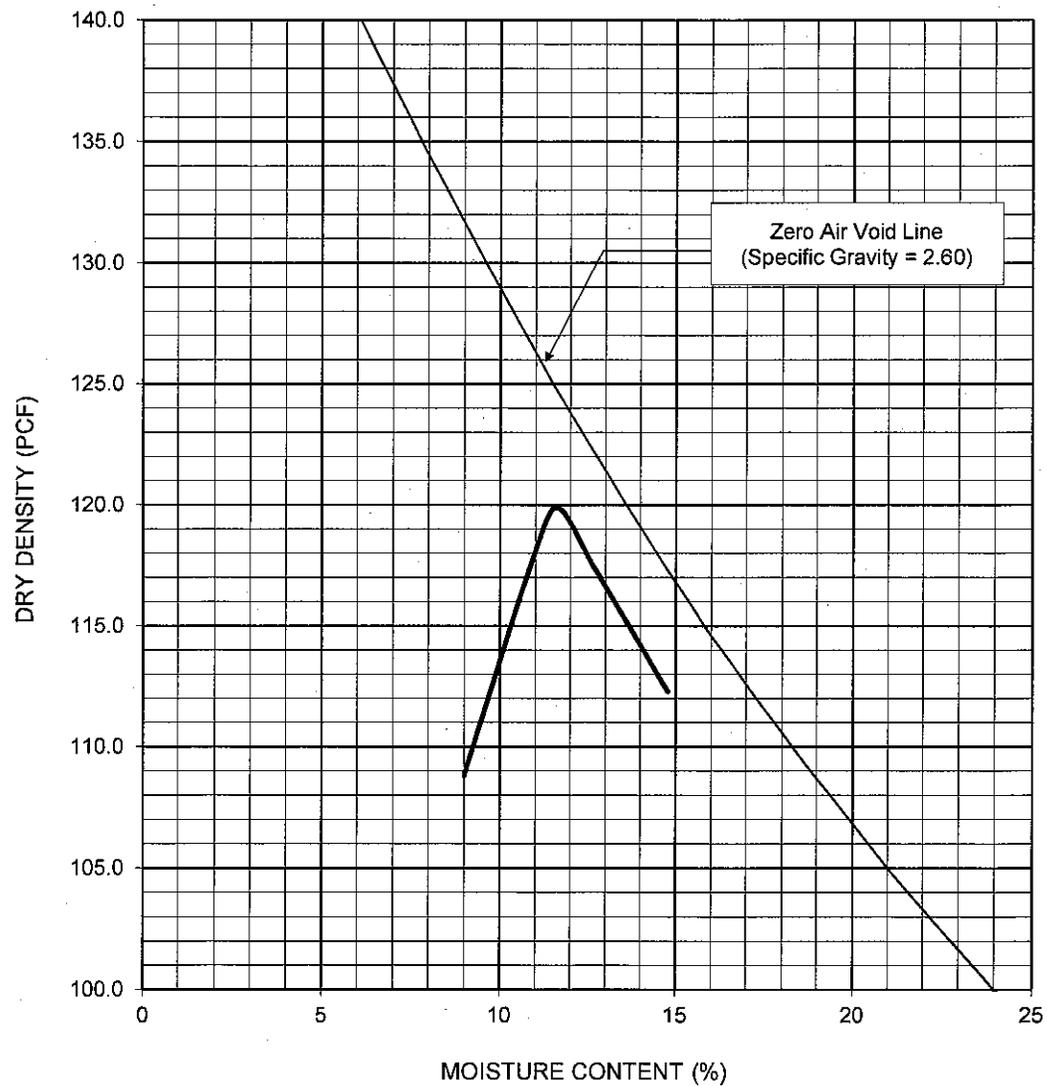
Ninyo & Moore		ATTERBERG LIMITS TEST RESULTS	FIGURE
PROJECT NO.	DATE	TANGERINE LANDFILL CLOSURE 10220 W. TANGERINE ROAD TUCSON, ARIZONA	B-7
604891001	12/15		



Sample Location	Depth (ft)	Soil Description	Maximum Dry Density (pcf)	Optimum Moisture Content (%)
Sample 1	0.0-0.8	CLAYEY SAND	117.7	13.0
Dry Density and Moisture Content Values Corrected for Oversize (ASTM D 4718-87)			120.0	12.0

PERFORMED IN GENERAL ACCORDANCE WITH ASTM D 1557 ASTM D 698 METHOD A B C

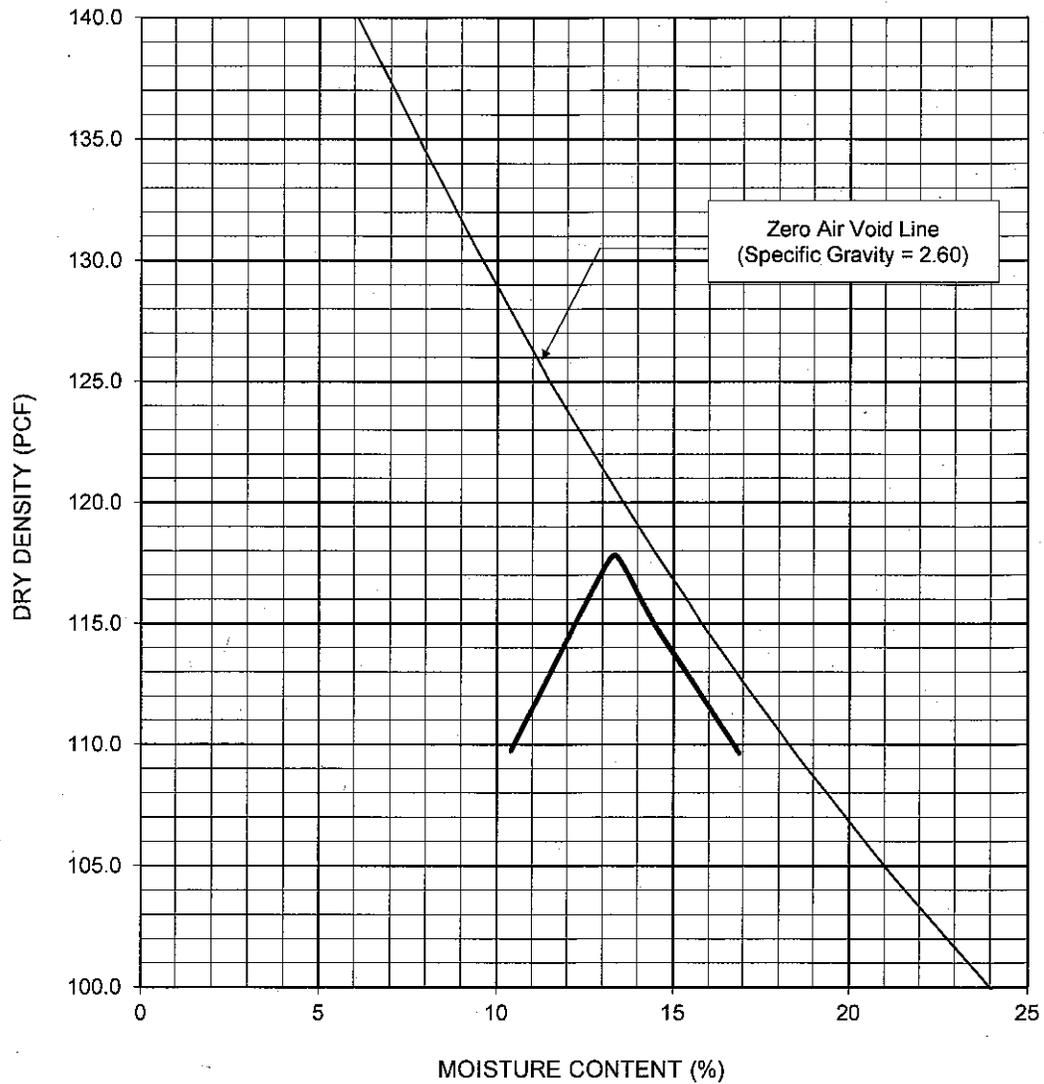
Ninyo & Moore		PROCTOR DENSITY TEST RESULTS	FIGURE
PROJECT NO.	DATE	TANGERINE LANDFILL CLOSURE	B-8
604891001	12/15	10220 W. TANGERINE ROAD	
		TUCSON, ARIZONA	



Sample Location	Depth (ft)	Soil Description	Maximum Dry Density (pcf)	Optimum Moisture Content (%)
Sample 2	0.0-0.8	CLAYEY SAND	119.9	11.6
Dry Density and Moisture Content Values Corrected for Oversize (ASTM D 4718-87)			N/A	N/A

PERFORMED IN GENERAL ACCORDANCE WITH ASTM D 1557 ASTM D 698 METHOD A B C

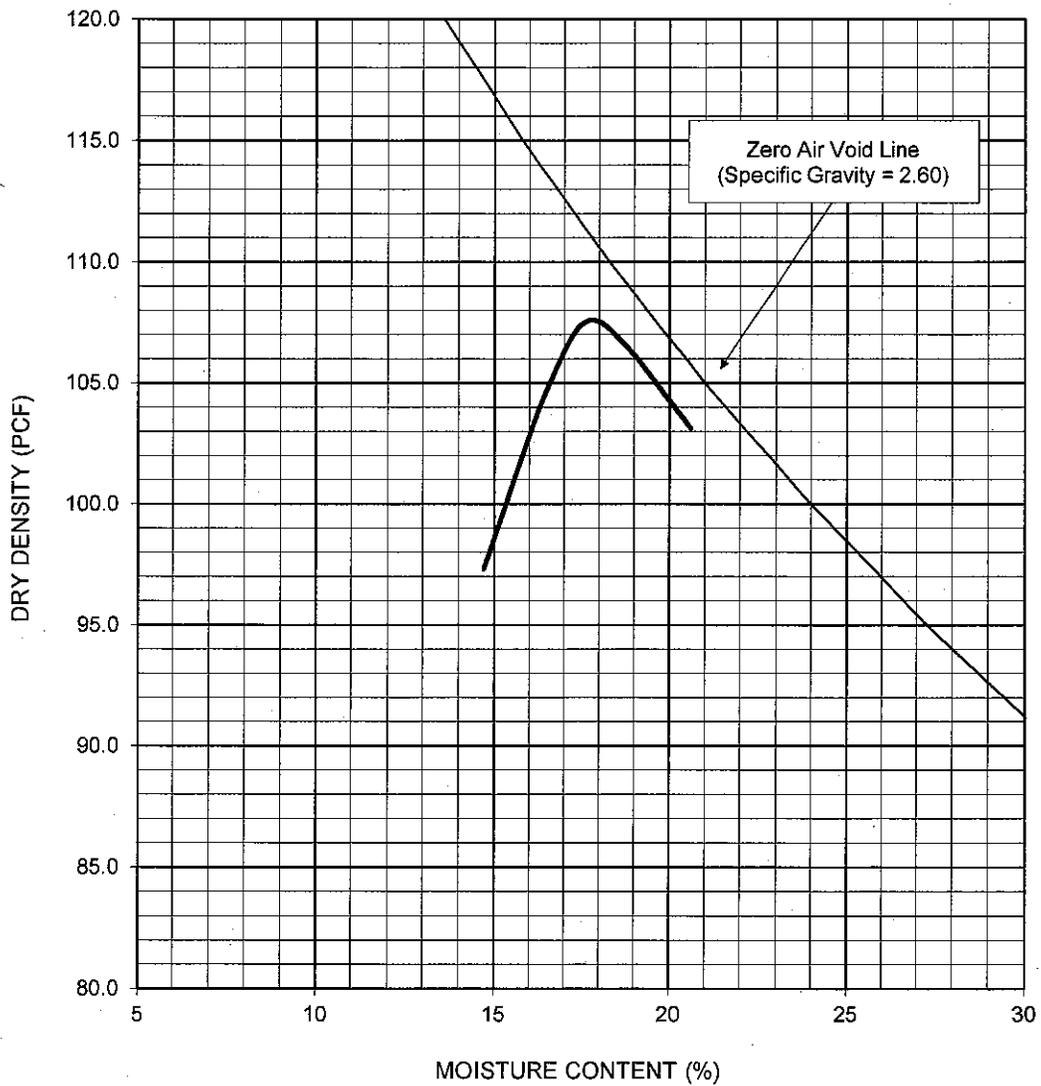
Ninyo & Moore		PROCTOR DENSITY TEST RESULTS	FIGURE
PROJECT NO.	DATE	TANGERINE LANDFILL CLOSURE	B-9
604891001	12/15	10220 W. TANGERINE ROAD	
		TUCSON, ARIZONA	



Sample Location	Depth (ft)	Soil Description	Maximum Dry Density (pcf)	Optimum Moisture Content (%)
Sample 3	0.0-0.8	CLAYEY SAND	117.8	13.4
Dry Density and Moisture Content Values Corrected for Oversize (ASTM D 4718-87)			N/A	N/A

PERFORMED IN GENERAL ACCORDANCE WITH ASTM D 1557 ASTM D 698 METHOD A B C

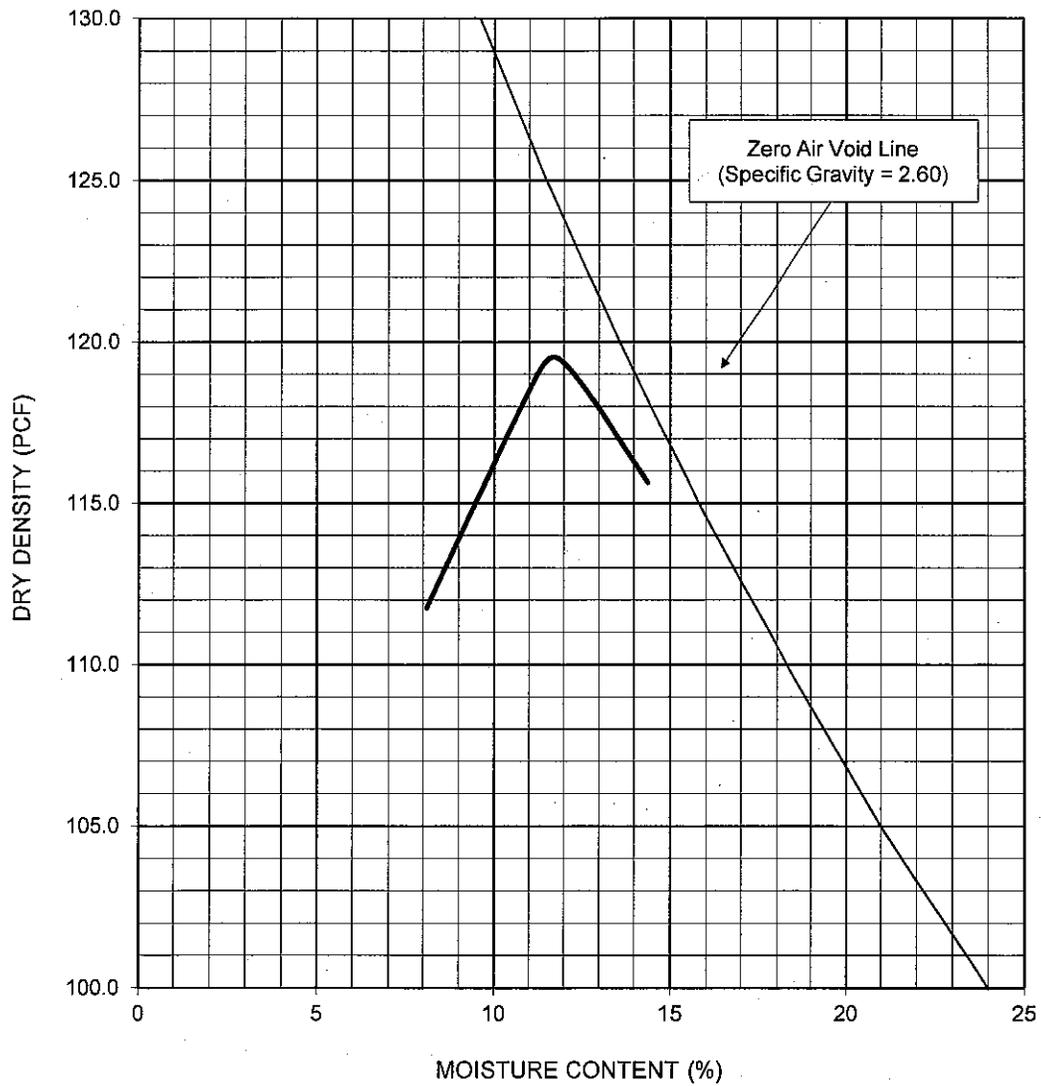
Ninyo & Moore		PROCTOR DENSITY TEST RESULTS	FIGURE
PROJECT NO.	DATE	TANGERINE LANDFILL CLOSURE	B-10
604891001	12/15	10220 W. TANGERINE ROAD	
		TUCSON, ARIZONA	



Sample Location	Depth (ft)	Soil Description	Maximum Dry Density (pcf)	Optimum Moisture Content (%)
Sample 4	0.0-0.8	CLAYEY SAND	107.5	17.6
Dry Density and Moisture Content Values Corrected for Oversize (ASTM D 4718-87)			110.0	16.5

PERFORMED IN GENERAL ACCORDANCE WITH ASTM D 1557 ASTM D 698 METHOD A B C

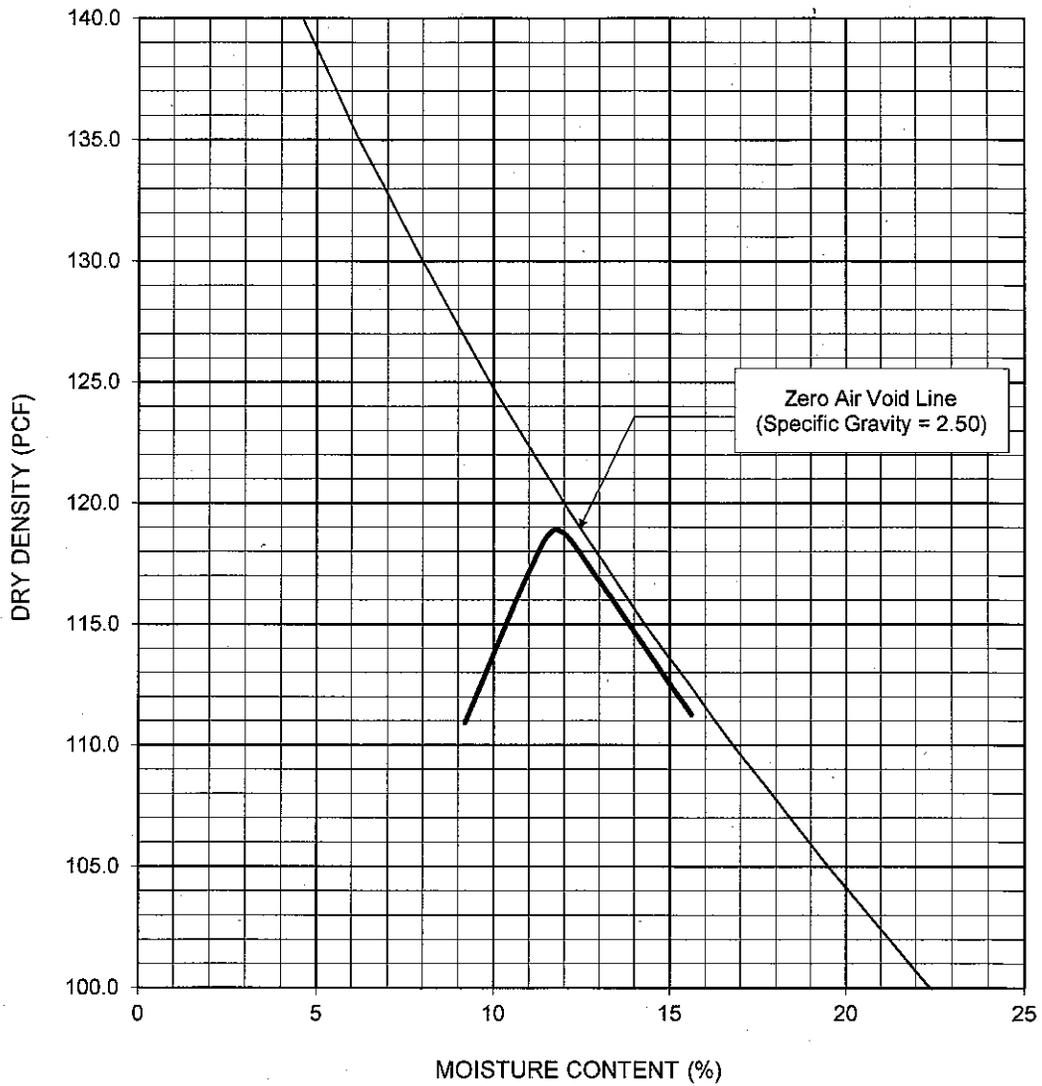
Ninyo & Moore		PROCTOR DENSITY TEST RESULTS	FIGURE
PROJECT NO.	DATE	TANGERINE LANDFILL CLOSURE	B-11
604891001	12/15	10220 W. TANGERINE ROAD	
		TUCSON, ARIZONA	



Sample Location	Depth (ft)	Soil Description	Maximum Dry Density (pcf)	Optimum Moisture Content (%)
Sample 5	0.0-0.8	CLAYEY SAND	119.5	11.6
Dry Density and Moisture Content Values Corrected for Oversize (ASTM D 4718-87)			122.0	10.5

PERFORMED IN GENERAL ACCORDANCE WITH ASTM D 1557 ASTM D 698 METHOD A B C

Ningo & Moore		PROCTOR DENSITY TEST RESULTS	FIGURE
PROJECT NO.	DATE	TANGERINE LANDFILL CLOSURE	B-12
604891001	12/15	10220 W. TANGERINE ROAD	
		TUCSON, ARIZONA	



Sample Location	Depth (ft)	Soil Description	Maximum Dry Density (pcf)	Optimum Moisture Content (%)
COMPOSITE	0.0-0.8	CLAYEY SAND	118.9	11.8
Dry Density and Moisture Content Values Corrected for Oversize (ASTM D 4718-87)			N/A	N/A

PERFORMED IN GENERAL ACCORDANCE WITH ASTM D 1557 ASTM D 698 METHOD A B C

Ninyo & Moore		PROCTOR DENSITY TEST RESULTS	FIGURE B-13
PROJECT NO. 604891001	DATE 12/15		

SAMPLE LOCATION	SAMPLE DEPTH (m)	INITIAL MOISTURE (%)	FINAL MOISTURE (%)	DRY DENSITY (PCF)	PERMEABILITY (cm/sec)
Sample 4 - 85%	0.0-8.0	17.5	26.6	91.2	3.785E-07
Sample 5 - 85%	0.0-0.8	11.5	18.5	101.6	1.224E-04
Sample 5 - 90%	0.0-0.8	11.5	18.2	107.0	2.886E-04
Compisite - 85%	0.0-0.8	11.8	18.6	101.0	3.678E-06

PERFORMED IN GENERAL ACCORDANCE WITH ASTM D 5084

<i>Ninyo & Moore</i>		PERMEABILITY TEST RESULTS	FIGURE
PROJECT NO.	DATE	TANGERINE LANDFILL CLOSURE	B-14
604891001	12/15	10220 W. TANGERINE ROAD TUCSON, ARIZONA	

Note: AC data is provided for informational purposes only. The Contractor cannot rely on this data. Contractor is responsible for delivering a finished product that meets the project requirements.
 1 - Place for Asphalt 2 - AC In-Place Density



Report of In-Situ Field Density Test Results

Test performed in general accordance with ASTM D6938, D4718, D1556, D4944, D4959 and governing specifications.

Project No.: 604891001

TANGERINE LANDFILL

Project:

Tests No.	Date	Elev.	Test Category	Test Location	Material Type	Material ID	Optimum Moisture (%)	Maximum Density (pcf)	Corrected Maximum Density (pcf)	In-Situ Density (pcf)	In-Situ Moisture (%)	In-Situ Density (pcf)	Generator Maximum Density	Specified Compaction (%)	Comments
1	11/6/15	100	FILL	110'E OF E.BURM RD 300'S OF N.END RD LOC #1	FILL	PEND	13.0	117.7	120.2	97.7	4.3	93.7	78	N/A	
2	11/6/15	100	FILL	100'S OF LOC#1	FILL	PEND	13.0	117.7	120.2	99.9	4.3	95.8	80	N/A	
3	11/6/15	100	FILL	100'E OF E.BURM RD 675'S OF N.END OF RD LOC #2	FILL	PEND	11.6	118.9	119.9	106.5	3.9	102.5	85	N/A	
4	11/6/15	100	FILL	100'N OF LOC #2	FILL	PEND	11.6	118.9	119.9	100.6	3.7	97.0	81	N/A	
5	11/6/15	100	FILL	50'W OF E.BURM RD 575'S OF N.END OF RD LOC #3	FILL	PEND	13.4	117.8	117.8	107.6	7.5	100.1	85	N/A	
6	11/6/15	100	FILL	100'N OF LOC #3	FILL	PEND	13.4	117.8	117.8	112.0	5.8	105.9	90	N/A	
7	11/6/15	100	FILL	100'S OF LOC#3	FILL	PEND	13.4	117.8	117.8	113.3	4.3	108.6	92	N/A	
8	11/6/15	100	FILL	125'W OF E.BURM RD ON SLOPE 325'S OF N.END OF RD LOC#4	FILL	PEND	17.5	107.2	108.5	110.8	10.9	99.9	91	N/A	
9	11/6/15	100	FILL	175'W OF E.BURM RD ON SLOPE 475'S OF N. END OF RD LOC #5	FILL	PEND	11.5	119.5	121.9	115.3	6.7	108.1	89	N/A	
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Abbreviations/Explanations:
 FG = Finished Grade TOF = Top of Footing
 FS = Finished Subgrade TOW = Top of Wall
 FP = Finished Pavement TOG = Top of Grade