

MOU SUMMARY SHEET

Project Name:		Montopolis Reclaimed Water Transmission Main	
MOU Case Number:		10-005	
Parkland impacted by Project:		Roy G. Guerrero/Colorado River Park	
Location of Parkland:		400 Grove Blvd.	
Type of Park Use Requested (Permanent/Temporary):		Permanent and Temporary Use	
Type of Impact to Parkland:		EXPLANATION	
	<input checked="" type="checkbox"/>	Trail Closure	The pipe alignment runs down one of the trails to avoid tree conflicts. During construction, the trail will need to be at least partially closed if not totally.
	<input type="checkbox"/>	Facility Closure/Partial Use	
	<input checked="" type="checkbox"/>	Open Land or Feature Closure/Partial Use	Permanent easement 15' wide directly over pipe. Temporary easement is approx. 30' wide adjacent to permanent easement for work area; staging area adjacent to work area also.
	<input type="checkbox"/>	Revenue Limitation	
Estimated Size of Parkland Requested (sq. ft.):		Permanent Use = 68,068 sq. ft.; Temporary Use (Work Area) = 36,032 sq. ft.; Temporary Use (Staging/Access) = 104,946 sq. ft.	
Estimated Start Date for Parkland Use:		Staging/Access - March, 2011; Work Area - October, 2011	
Estimated Duration of Parkland Use:		Staging/Access - 18 months; Work Area - 6 months	
Estimated Completion of Parkland Use:		December 2012	
Mitigation Proposed by PARD:		\$108,096.73	
Requesting Dept. Point Of Contact:		Cole Newton - AWU Reclaimed Water 974-3514	
PARD Point of Contact:		Robert Brennes, 974-9472	
Community Outreach Efforts		Conducted a Public Meeting at the Ruiz Public Library on 3 May 2010. We sent fliers to the neighborhood 2 weeks prior to inform the public of the meeting.	
Included:		Information about the reclaimed water, the project and the pipe alignment and information regarding the Chapter 26 process.	
MOU Draft		X	
Attachment "A" (Mitigation Calculations)		X	
Attachment "B" (Location Map)		X	

ATTACHMENT "A" - M.O.U. MITIGATION FEES CALCULATION WORKSHEET - SUMMARY

Project: Montopolis Reclaimed Water Transmission Main
 Roy G. Guerrero Park
 MOU # 10-005

	Calculated Fee
Permanent Use - Residential	\$51,051.00
Temporary Use - Work Area	\$5,790.86
Temporary Use - Staging	\$51,254.88
TOTAL =	\$108,096.73

ATTACHMENT "A" - M.O.U. MITIGATION FEES CALCULATION WORKSHEET

Permanent Use Agreement - Residential		Project: Montopolis Reclaimed Water Transmission Main	
		Roy G. Guerrero Park	
TCAD Land Value of Adjacent Properties (\$):		\$15,000.00	MOU # 10-005
Avg. Lot Size (sq. ft.):		7000.0	0
Based on City-wide average for lots zoned SF-3			
Value per Square Foot. (\$):		\$2.14	TCAD Land Value divided by Avg. Lot Size
Requested Area (sq. ft.):		68068.0	Submitted by Requesting Department/Entity
Preliminary Mitigation Value (\$):		\$145,860.00	Requested Area multiplied by the Value per Square Foot
Disturbance Value (%):		35.00%	Based on limitations on future development for that portion of parkland (see table below)
Final Mitigation Value (\$):		\$51,051.00	Preliminary Mitigation Value multiplied by the Disturbance Value
DISTURBANCE VALUES			
Area can still be developed with minimal or no limitations			
35%	(underground work/materials with no/few above ground appurtenances/fixtures)		
Area can still be developed with moderate limitations			
50%	(underground work/materials with some small/medium appurtenances/fixtures)		
Development severely limited			
75%	(underground work/materials with large or several small/medium appurtenances/fixtures)		
No future park development possible in the area - dedicated to installation			
100%	(underground and/or surface appurtenances/fixtures)		

ATTACHMENT "A" - M.O.U. MITIGATION FEES CALCULATION WORKSHEET

Temporary Use - Work Area		Project: Montopolis Reclaimed Water Transmission Main	
		Roy G. Guerrero Park	
		MOU #	10-005
			0
TCAD Land Value of Adjacent Properties (\$):		\$15,000.00	
Average Lot Size (sq. ft.):		7000.0	Based on City-wide average for lots zoned SF-3
Value per Square Ft. (\$):		\$2.143	Average
Requested Area (sq. ft.):		36032.0	Submitted by Requesting Department/Entity
Preliminary Annual Value of Requested Area (\$)		\$77,211.43	Area requested multiplied by Value per Square Ft.
Adjusted Annual Value of Requested Area (\$)		\$11,581.71	(15% Rate of Return)
Monthly Value of Requested Area (\$)		\$965.14	Adjusted Annual Value divided by 12
Daily Temporary Use Rate (\$):		\$32.17	Monthly Value divided by 30 (Average number of days in a month)
Days Requested:		180	Submitted br Requesting Department/Entity
Temporary Use Rate (\$):		\$5,790.86	Daily Temporary Use Fee multiplied by Days Requested

ATTACHMENT "A" - M.O.U. MITIGATION FEES CALCULATION WORKSHEET

Temporary Use - Staging		Project: Montopolis Reclaimed Water Transmission Main	
		Roy G. Guerrero Park	
		MOU #	10-005
			0
TCAD Land Value of Adjacent Properties (\$):		\$15,000.00	
Average Lot Size (sq. ft.):		7000.0	Based on City-wide average for lots zoned SF-3
Value per Square Ft. (\$):		\$2.143	Average
Requested Area (sq. ft.):		104946.0	Submitted by Requesting Department/Entity
Preliminary Annual Value of Requested Area (\$)		\$224,884.29	Area requested multiplied by Value per Square Ft.
Adjusted Annual Value of Requested Area (\$)		\$33,732.64	(15% Rate of Return)
Monthly Value of Requested Area (\$)		\$2,811.05	Adjusted Annual Value divided by 12
Daily Temporary Use Rate (\$):		\$93.70	Monthly Value divided by 30 (Average number of days in a month)
Days Requested:		547	Submitted br Requesting Department/Entity
Temporary Use Rate (\$):		\$51,254.88	Daily Temporary Use Fee multiplied by Days Requested

Austin Water Utility Point of Contact is: **Cole Newton**

Phone Number: **974-3514**

Public Works Department Point of Contact is: **John Wepryk**

Phone Number: **974-7010**

PARD Point of Contact is: **Ricardo Soliz**

Phone Number: **974-9452**

(Final Authority) Approval: **(Date)**

Mitigation funding in the amount of **One Hundred Eight Thousand, Ninety-Six Dollars and Seventy-Three Cents (\$108,096.73)** has been agreed to.

Sara Hensley
Director, Parks and Recreation Department

Date

CONCURRENCE

Greg Meszaros
Director, Austin Water Utility

Date

Attachments: A (Mitigation Calculation Worksheet)
B (Location Map)

**Montopolis Reclaimed Water Transmission Main
Tree Removal in Guerrero Park**

Overall Summary

4,478 feet of 16" & 24" diameter main in park land
Sixteen trees removed
No protected or heritage trees

<u>Number</u>	<u>Type</u>	<u>Class</u>
1	Arizona Ash	III
1	Box Elder	IV
6	Bur Oak	I
3	Chinaberry	IV
4	Hackberry	IV
1	Red Bud	II or III

Page 11 Summary

900 feet of 24" diameter main in park land
No trees removed

Page 12 Summary

875 feet of 24" diameter main
Two trees removed

<u>Tree Number</u>	<u>Type</u>	<u>Diameter</u>
496	Hackberry	8"
498	Chinaberry	10"

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900 feet of 24" diameter main
No trees removed

Page 14 Summary

900 feet of 24" diameter main
Twelve trees removed

<u>Tree Number</u>	<u>Type</u>	<u>Diameter</u>
700	Hackberry	9"
701	Hackberry twin	11"
702	Bur Oak	6"
704	Bur Oak	11"
705	Hackberry twin	11"
721	Arizona Ash	17"
722	Box Elder multi-trunk	7"
730	Bur Oak	11"
734	Bur Oak	8"
735	Bur Oak	10"
738	Bur Oak	10"
740	Red Bud double trunk	6"

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30 feet of 24" diameter main in park land
No trees removed

Page 22 Summary

873 feet of 16" diameter main
Two trees removed

<u>Tree Number</u>	<u>Type</u>	<u>Diameter</u>
749	Chinaberry twin	9"
750	Chinaberry	11"

Temporary Easement – 106,178 sq ft - \$40,001.82 mitigation

