The Arboretum

County of Los Angeles Department of Parks & Recreation 301 North Baldwin Avenue Arcadia, California 91007

March 18, 2004

To Whom It May Concern:

On March 18, 2004, I had the opportunity to look at the "Bird Fountain Oak". It is a *Quercus agrifolia*. Coast Live Oak. It appears to be in fair health, it is growing in an exposed location near the edge of the Arroyo Seco, in Pasadena. It appears to be leaning because a large limb composing at least a third of the tree broke off a good many years ago. The limb was apparently cut up and hauled away by the city.

The roots around the base of the stump appear to be in good health and have every expectation of being deep rooted because they receive aeration not only from above, but also from the arroyo side. The oak receives no irrigation. There is no indication of root movement. The two long lower limbs of the tree appear to have been a concern to the city because they were first wired up and then propped up. One limb is still on its prop the other has been blown off its prop.

If this tree was in a highly populated area with houses, automobiles or playgrounds in its target area it would be prudent to take it down simply because it's leaning and big. However, it is in a low value target area. It cannot fall on the Bird Fountain because it would rest on the two big limbs near ground level and then it would flop over on the drinking fountain and pathway away from the Arroyo. By simply turning off the water fountain and redirecting the rough footpath from the Bird Fountain to the street, the target area will not be entered. Since most trees fall when they are triggered by environmental extremes this tree will probably fall during high winds following driving soaking rains. This is precisely when people will not be present in the target area. There is no reason to suppose this tree is unsafe for another 50 years.

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RECOMMENDATIONS:

The tree should have the dead wood cut out of it (anytime) and then in August it should be pruned with the idea of opening it up and lightening the overall weight. Since the two branches were propped I would reprop them further back along the limbs with concrete props.

Since the main use of the Bird Fountain is for Friday and Saturday night beer parties, the water to the drinking fountain could be rerouted to sprinklers and the Bird Fountain could be thoroughly wetted down Friday and Saturday at dusk to reduce its desirability as a party place.

Sincerely,

David O. Lofgren* Plant Information

David O. Lofgran

 David has a Master of Science degree in Ornamental Horticulture and has worked at the County Arboretum in Arcadia for 22 years.

OAK HAZARD EVALUATION WORKSHEET

PARK Bird fountai	4 1	<u>Q</u> .a	4						стог							1
ZONE: 2		_					D	TE:	79	۹٠,	.4	18,	2	بالهبوب	4	_
TREE NUMBER								_								
TREE SPP. 0=Valley 1=Live	ļ											**		,-,		
DBH	3	7							1							
IRRIGATION FREQUENCY (1-5)	ľ												1148848	L-1-1		
INDIGATION PATTERN (1-6)	7															
SOIL (1-5)														******		
Povement of Fill	P	7	r	,	P	Y	P	7	P	7	P	7	P	7	PI	r
ROOTS (1-5)	_	1		******							******					
Root Movement or Exposed/Girdled/Cut Roots	ME	GC	ME	СC	ME	GC	M E	GC	M Z	GC	мв	GС	ME	c c	ME	GC
BUTT (1-5)	3								Ť							
Wounds/Sloughing Bark or Ret	w		w	R	w	R	w	п	₩	R	₩	R	w	R	w	r.
TRUNK (1-4)	7										******					
Wounds/Sloughing Bark or Ext	*	•	w	Þ	w	R	w	R	w	R	*	1	w	R	w	R
LIMBS (1-5)	2	}-														
Poor Scaffold Attachment or Deservood or Rat	A D		A D	R	A D	R	AE	ц	A D	т.	≜ D		▲ D	ı	A D	R
LEAN (1-5)	2	†												*******		4
WIND (1-5)	-	}														
DECLINE (1-5)	. 2									PH 111.11.2		h				
TARGET (1-6)	ز ا	3					• , !	1778811	1							
Table-beach/Play/Care/Bldg	T P	CB	TP	C B	T P	СB	TP	СB	TP	CВ	TP	СB	ТP	СВ	TP	СВ
AESTHETIC VALUE (1-4)									-						7	
IMMEDIATE ACTION (*)	M,	, , e	p = .	(4)	2/0	50	4	Tri	do	., 4	7	+	., , ,	۱ ۲		468444-66
MAINTENANCE SUGGESTION Prute - Deadwood Weak wood to Lighten Load for Clearance Target - More Prohibit Cable or Brace Bettieve Tree No Action Required PESTS/DISEASES Cooke Large Cabkers	PER PECHA		PD PW PL CH CH CH CH		PD PW PL PC TM TP CB RT NA		PD PW PL TM TP CB RT NA		PD PPL PC TIME CENTER NA		PD PW PL PC TM TP CB RT NA CK		PD PW PL TM TP CB RT NA CK		PENDAPERA DE	
Fluxing P.i Stales Rotent Damage	PS PD	COTES	PE PS AD	10738	PS BD	OTES	PI PS RD	OTES	PE PS RD	OTES	PS RD	OTES	PK PS BD	F	PX PS RD	orts

OAK HAZARD EVALUATION GUIDELINES

GENERAL GUIDELINES	1	3	8	4	5	
PROBLEM/ LEAST/VERY (AZARD) UNLIKELY		SLIGHT/ UNLIKELY	SEGNIFICANT/ LIKELY	SERIOUS/ DEFINITE	GREATEST) IMMINENT	
SPECIFIC GUID	ELINES					
PREQUENCY	/} ≠ iq ≠ 3/month	3/month	3/mouth	4/month	H/month	
ERIGATION PATTEEN	れょうで to edge of RZ	to 6' of Butt	to 3' of Butt	to I' of Butt	to Butt	
SOIL Parement or Fill	elgs RZ-or path	to 1/4 RZ	to 1/8 RZ	to 1/3 R2	entire RZ	
BOOTS Exposed/Girdled/Or Root Movement	to sign of BZ	to 1/4 RZ	to 1/3 RZ	to 2/3 RZ old movement	entire RZ recent moreowent	
BUTT Wounds/ Houghing Back Lot	to 1/8 CRC	to 1/3 GRG to 1/8 GRG	te 1/2 CRC to 1/4 CRC	to 2/3 CRO to 1/3 CRO	entire CRC to 1/2 CRC	
PRUNK Weends/ Houghing Burk Rot	good condition	© to 1/3 CRC to 1/8 CRC	to 1/2 CRC to 1/4 CRC	to 2/3 CRC to 1/3 CRC	entire CRC to 1/2 CRC	
JMBS	email liane	equal bales few medium limbs	imbakied bark I large stub or many medium limbs	1 large limb or 31 large with	eplit >1 large lim	
Rot - Medium limbe Large limbs		minor to 1/8 CRC	to 1/4 CRC	major to 1/3 CRC	to 1/2 CRC	
EAN (Degree)	10	20	80	(40)	50	
WIND Tree Position)	below cancyy	lower casopy	mid oscopy	above campy	single tree o windward canopy edge	
DECLINE Auf come & color	ancellent vigor	good tigns	(felt Vigor	poor vigue	dead/dying	
TARGET	low use trail low use lawn shrub bed	medium use trail medium use lawn	high use trail high use lawn roadway, fence, sign, etc.	-	picnic area play area parket care buildings	
LESTHETIC VALUE	unattractive in stend	acceptable in stand	sitractive in stead	epecitosa in stead	specimas single	

NOTES

CEC = circumference of trank or limb Medium Limbs = 3-8" in diameter RZ = Root Zone Large Limbs =) W in diameter