

Existing Conditions | ISA Basic Tree Risk Assessment Form

	Upper Saucon Township		Date	6/28/17	7		 Tir	ne 9:30 A	M	
	/Tree location Haring Tract									2
		dbh50"	Height	 85' +,	/	Crov	vn spi	read dia	80' +/	
Assessor			5 years							
	Та	rget Assessm	ent							
					Targ	get zor	ne			
Target number	Target description				Target within drip line	Target within 1 x Ht.	Target within 1.5 x Ht.	Occupancy rate 1-rare 2-occasional 3-frequent 4-constant	Practical to move target?	Restriction practical?
1	Township Maintenance - Mowing					Х	Х	1	N	Υ
2										
3										
4										
		Site Factors								
	f failures Numerous shed dead limbs		Тор					%	Aspect	:
	ges None ☑ Grade change ☐ Site clearing ☐ Changed soi									
	litions Limited volume ☐ Saturated ☐ Shallow ☐ Compac									
Prevailin	g wind direction Common weather Strong wind			n⊠ Des	scribe_					
		Ith and Speci						-/		
	w ☑ Normal □ High □ Foliage None (seasonal) □ None visible		ead) 🗀 - Norma 30-40% Crowi		% Cr	nlorot	.1C	% Ne	crotic _	%
	None visible ailure profile Branches □ Trunk □ Roots □ Describe <u>N</u>									
	·	Load Factors								
Wind ex	posure Protected ☐ Partial ☐ Full ☒ Wind funneling ☐ _			Relative	e crowi	n size	Sma	II□ Mediu	m ⊠ L	arge 🗆
Recent o	r planned change in load factors None Tree Defects and Condition	ions Affecting	the Likelihood	l of Failu	ıre					
	— Crow	n and Brar	nches —							
De Bro Ov Pro Cro Re Flu	LCR 88 % ad twigs/branches ☑ 35% overall Max. dia. 1' bken/Hangers Number 5 Max. dia. 6" er-extended branches □ uning history bwn cleaned □ Thinned □ Raised □ duced □ Topped □ Lion-tailed □ ush cuts □ Other None ain concern(s) Large number of very large, dead branches	Codominant Weak attachi Previous brai Dead/Missin	nch failures 口 _ g bark 凶 Cank Hea owth <u>Not prom</u>	ers/Galls, rtwood o inent	/Burls 🛭	_ (_ : X :	Cavity/ Similar Sapwo	Included Nest hole r branches pl ood damage/	d bark [% cir resent [decay [rc.
1	ad on defect N/A ☐ Minor ☐ Moderat celihood of failure Improbable ☐ Possible ☐ Probable		nt 🖄							- - -
Co Sap Lig Ca Lea Re: Ma	— Trunk — ad/Missing bark ☑ Abnormal bark texture/color ☐ dominant stems ☐ Included bark ☐ Cracks ☑ bwood damage/decay ☒ Cankers/Galls/Burls ☐ Sap ooze ☐ thtning damage ☒ Heartwood decay ☒ Conks/Mushrooms ☐ vity/Nest hole % circ. Depth Poor taper ☐ an ° Corrected? sponse growth Around possible lightning damage large amount of decay, wasp or bee's nest in upper trunk ad on defect N/A ☐ Minor ☐ Moderate ☐ Significant		Collar buried/Not Dead Coze Cracks Cut/Cot plate lifting Response growth Main concern(s) Signs of insect (Load on defect	Decay Control of the	Dep	oth C _% cir Dis weak weak	Conks/rc. stance kness [ue to b	from trunk	ollar.	_
Lik	elihood of failure probable □ Possible □ Probable ☑ Imminent □	ļι	ikelihood of failu		_		able [nent 🗖)

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mbe						₁₀	ber			Failu	ıre			Imp	act						Coı	nseq	uen	ces	
Condition number	Tree pa	art	Condition of concer		Part size	Fall distance	Target number	Target protection	Improbable	Possible	Probable	Imminent	Very low	Low	Medium	High	Unlikely	Somewhat	Likely	Very likely Negligible Negligible Ninor Severe Severe	Risk rating of part (from Matrix 2)				
Ė					1'	85'	1	None	Ē	-	х	-	Х	 -	_	-	X	"	 	-	一	_	-		Low
1	Crown/ Branche		Large Dead	ŀ					Н				Н				H				Н				
	Dianala	~	Branches																						
		\dashv			50"	25'	1	None	Н		x		х				x							V	LOW
2	Trunk		Decay and		30	23		None	Н		<u> ^</u>		Ĥ				Ĥ			<u> </u>	┢			_	LOW
			Damage to Trunk										Н												
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Lik	elihood		Like	lihood	of Imp	acting	Targe	t																	
of	Failure	Very lo	ow Lov	N	ľ	Nediun	ı	High																	
	minent	Unlike			_	Likely		Very likely			-														
	obable ossible	Unlike Unlike			_	ewhat l Jnlikely		Likely Somewhat like	lv		-	+													
	robable	Unlike			1	Jnlikely		Unlikely	• ,		_	_											_		
Matı	ix 2. Risk	rating n	natrix.																						
L	ikelihood	of		Cons	equer	ces of	Failur	e																	
Fai	lure & Im	pact	Negligible	Min	or	Signi	ficant	Severe			-														
	Very like	ly	Low	Mode			igh	Extreme			-					+						+			
Sol	Likely newhat l	ikely	Low	Mode Lov			igh erate	High Moderate														No	orth		
30.	Unlikely		Low	Lov			ow	Low																	
Not	es, expla	nation	ns, descriptio	ons					_																
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Miti	gation o	ptions	Pruning Remova			ad IIm	ibs.																		
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Proposed



TCA Basic Tree Risk Assessment Form

	Upper Saucon Township Dasic Tree KISK	Date_	6/28/17		Tir	me9:30 A	M	
Address	/Tree locationHaring Tract	0" Height	Tree no			Sheet	2 <u>of</u> 2	
	ecies White Oak - Approx. 250 Years dbh 50	<u>0"</u> Height	85' +/-	_ Crov	vn spi	read dia	80' +/	
Assesso	r(s) Valerie Liggett Time fram		_ loois usea_					
	Target Asses	ssment	Т-	rget zor		1	1	
Target number	Target description		Target within drip line			Occupancy rate 1-rare 2-occasional 3-frequent 4-constant	Practical to move target?	Restriction practical?
1	Park Users/Dogs			X	Х	3	Y	Y
2	Park Maintenance Crew		Х	Х	Х	2	Υ	Υ
3	Dog Park Fencing				Х	4	Υ	Υ
4								
	Site Factor Site F	ors						
Prevaili	nges None ☑ Grade change ☐ Site clearing ☐ Changed soil hydrology ditions Limited volume ☐ Saturated ☐ Shallow ☐ Compacted ☐ Pav ng wind direction Common weather Strong winds ☑ Ice ☑ Tree Health and Sp	Snow⊠ Heavy rai pecies Profile	n ⊠ Describe					
Pests	ow ☑ Normal ☐ High ☐ Foliage None (seasonal) ☐ None None visible Abional Abional Profile Branches ☐ Trunk ☐ Roots ☐ Describe None						crotic _	
		tors						
Recent o	or planned change in load factors None Tree Defects and Conditions Affec — Crown and B		d of Failure					
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Do Br O' Pr Cr Re Fl	ead twigs/branches \(\begin{array}{c} \begin{array}{c} \limits_3 \\ \text{ver-extended branches} \end{array} \\ \text{runing history} \\ \text{rown cleaned} \end{array} \\ \text{Thinned} \end{array} \\ \text{Raised} \end{array} \\ \text{Dead/Microscopic of the duced} \end{array} \\ \text{Topped} \\ \text{Topped} \\ \end{array} \\ \end{array} \\ \text{Topped} \\ \end{array} \\ \text{Topped} \\ \end{array} \\ \text{Topped} \\ \end{array} \\ \text{Topped} \\ \end{array} \\ \end{array} \\ \text{Topped} \\ \end{array} \\ \text{Topped} \\ \end{array} \\ \text{Topped} \\ \end{array} \\ \end{array} \\ \text{Topped} \\ \end{array} \\ \text{Topped} \\ \end{array} \\ \text{Topped} \\ \end{array} \\ \end{array} \\ \text{Topped} \\ \end{array} \\ \text{Topped} \\ \end{array} \\ \	tachments ロ branch failures ロ _ issing bark 凶 Cank	ers/Galls/Burls		Cavity/ Similai Sapwo	Included 'Nest hole r branches pl bod damage/	d bark [% cir resent ['decay [□ rc. □
1	pad on defect N/A □ Minor □ Moderate □ Signi kelihood of failure Improbable □ Possible □ Probable ☑ Imm	ificant 🖾						- - -ノ
Cc Sa Lig Ca Le Re M	Trunk — Pad/Missing bark ☑ Abnormal bark texture/color ☐ Podominant stems ☐ Included bark ☐ Cracks ☑ Powood damage/decay ☑ Cankers/Galls/Burls ☐ Sap ooze ☐ Pothtning damage ☑ Heartwood decay ☑ Conks/Mushrooms ☑ Povity/Nest hole % circ. Depth Poor taper ☐ Pan ° Corrected? Pesponse growth Around possible lightning damage, cracks Pain concern(s) Large amount of decay, wasp or bee's nest in upper trunk	Collar buried/Nor Dead Ooze Cracks Cut/l Root plate lifting Response growth Main concern(s) Signs of insect	Decay Cavity Cavity Camaged roots Camaged roots Camaged roots Camaged roots	epth C% cir s □ Dis oil weak mine du n and p	Conks/rc. stance kness I	Stem gi 'Mushrooms from trunk uried root cole decay.	ollar.	- - -
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numbe							ce	number		_	Failu	ıre			Imp	act			ure 8			Coı	nseq	uen	ces	Risl
Condition number	Tree pa	art	_	onditions f concerr	· I	Part size	Fall distance	Target nu	Target protection	Improbable	Possible	Probable	Imminent	Very low	Low	Medium	High	Unlikely	Somewhat	Likely	Very likely	Negligible	Minor	Significant	Severe	ratin of pa (fron Matrix
	Crown/		Larg	ze.		1'	85'	1	None			х			х			х							х	Low
1	Branche		Dea	d		1'	85'	2	None			х		х				х							х	Low
			Brai	nches		1'	85'	3	None			х				х			х				х			Low
_	Trunk		Dec	ay and		50"	25'	1	None			х			х			х							Х	Low
2			Dar	nage to		1'	85'	2	None			х		х				Х				L			х	Low
		Tru	nk ———		1'	85'	3	None			х				Х			Х				Х			Low	
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