

**Appendix D: Detailed Tree Inventory**

Date: May 28-29, 2015

Site/Location: Hamilton Mathers Drive Creek

Surveyor: Darcy Laframboise

Field No: \_\_\_\_\_

Tree Health: E = excellent/specimen, G = good, F = fair, P = poor, D = dead

Tag #	Species Common Name	Species Botanical Name	DBH (cm)	Crown Diametre (m)	Health	Defects and Decline Indicators
802	Sugar Maple	<i>Acer saccharum</i>	38	-	D	
804	Sugar Maple	<i>Acer saccharum</i>	30,15	11	G	
805	Sugar Maple	<i>Acer saccharum</i>	14	6.5	G	cc
806	Sugar Maple	<i>Acer saccharum</i>	21	8	G	db
807	Sugar Maple	<i>Acer saccharum</i>	32	8	G	le,db
808	Sugar Maple	<i>Acer saccharum</i>	45	21	G	
809	American Beech	<i>Fagus grandifolia</i>	14	7	G	ex,db,us
810	Basswood	<i>Tilia americana</i>	35	-	D	
811	Sugar Maple	<i>Acer saccharum</i>	23	17.5	G	us
812	White Ash	<i>Fraxinus americana</i>	52	24	G	db
813	American Beech	<i>Fagus grandifolia</i>	23	13	G	
814	Red Oak	<i>Quercus rubra</i>	52	16	G	
815	Sugar Maple	<i>Acer saccharum</i>	39	9.5	G	cc
816	White Ash	<i>Fraxinus americana</i>	52	17.5	G	ex,db
817	Sugar Maple	<i>Acer saccharum</i>	42	8	G	db
818	Sugar Maple	<i>Acer saccharum</i>	32	9	G	ex
819	Sugar Maple	<i>Acer saccharum</i>	19	7	G	us, ex
820	Sugar Maple	<i>Acer saccharum</i>	25	6	G	db,ex
821	Sugar Maple	<i>Acer saccharum</i>	30	13	G	ex
822	Sugar Maple	<i>Acer saccharum</i>	13	5	G	
823	Basswood	<i>Tilia americana</i>	55	13	G	
824	Sugar Maple	<i>Acer saccharum</i>	21	-	D	
825	Sugar Maple	<i>Acer saccharum</i>	11	5	G	us
826	Sugar Maple	<i>Acer saccharum</i>	13	5.5	G	cc
827	Sugar Maple	<i>Acer saccharum</i>	50	11	G	
828	American Beech	<i>Fagus grandifolia</i>	11	6	G	us
829	American Beech	<i>Fagus grandifolia</i>	17	8	G	
830	Red Oak	<i>Quercus rubra</i>	47	14.5	G	db
831	American Beech	<i>Fagus grandifolia</i>	29	8	G	
832	Sugar Maple	<i>Acer saccharum</i>	12	6	G	us
833	American Beech	<i>Fagus grandifolia</i>	45	10	G	tc,hr
834	White Ash	<i>Fraxinus americana</i>	31	5	G	db,ex
835	White Ash	<i>Fraxinus americana</i>	36	8	G	
836	Sugar Maple	<i>Acer saccharum</i>	30	11	G	
837	Red Oak	<i>Quercus rubra</i>	52	11	G	
838	American Beech	<i>Fagus grandifolia</i>	19	-	D	
839	Bitternut Hickory	<i>Carya cordiformis</i>	32	8	G	ex
840	Bitternut Hickory	<i>Carya cordiformis</i>	19	-	D	
841	Sugar Maple	<i>Acer saccharum</i>	20	6	G	
842	Basswood	<i>Tilia americana</i>	22	4	G	ex
843	Sugar Maple	<i>Acer saccharum</i>	19	9	G	us
844	Red Oak	<i>Quercus rubra</i>	47	8	G	
845	Red Oak	<i>Quercus rubra</i>	39	8	G	
846	Sugar Maple	<i>Acer saccharum</i>	14	8	G	us,ex
847	American Beech	<i>Fagus grandifolia</i>	38	9.5	G	db
848	White Ash	<i>Fraxinus americana</i>	31	8	G	db
849	Sugar Maple	<i>Acer saccharum</i>	23,35,17	11	G	
850	Ironwood	<i>Ostrya virginiana</i>	18	7	G	
851	American Beech	<i>Fagus grandifolia</i>	28	8	F	ex,um
852	Sugar Maple	<i>Acer saccharum</i>	27	6.5	G	ex
853	Sugar Maple	<i>Acer saccharum</i>	19	9.5	G	ex
854	Sugar Maple	<i>Acer saccharum</i>	17	8	G	us,ex
855	Red Oak	<i>Quercus rubra</i>	30	8	P	ex,um,le,ab
856	Sugar Maple	<i>Acer saccharum</i>	10	4.5	G	us
857	Red Oak	<i>Quercus rubra</i>	37,30	9	G	
858	Sugar Maple	<i>Acer saccharum</i>	21,9	7	G	us
859	Red Oak	<i>Quercus rubra</i>	47,26	12	G	db,ex
860	Sugar Maple	<i>Acer saccharum</i>	15	9.5	G	us
861	Red Oak	<i>Quercus rubra</i>	47	16	G	db
862	Sugar Maple	<i>Acer saccharum</i>	18	8	F	ex,um
863	Red Oak	<i>Quercus rubra</i>	48	13	G	ex
864	Sugar Maple	<i>Acer saccharum</i>	13	5	G	us
865	Sugar Maple	<i>Acer saccharum</i>	23	7	G	
866	Red Oak	<i>Quercus rubra</i>	31	8	G	
867	Sugar Maple	<i>Acer saccharum</i>	21	9.5	G	us
868	Red Oak	<i>Quercus rubra</i>	22,27	5	P	ex,um,db
869	Sugar Maple	<i>Acer saccharum</i>	29	8	G	ex,db

870	Sugar Maple	<i>Acer saccharum</i>	25	8	F	ex,um
871	Red Oak	<i>Quercus rubra</i>	28	6.5	G	ex
872	Red Oak	<i>Quercus rubra</i>	30	6.5	G	ex
873	Sugar Maple	<i>Acer saccharum</i>	19	6.5	G	
874	Sugar Maple	<i>Acer saccharum</i>	15	5	G	ex
875	Sugar Maple	<i>Acer saccharum</i>	10	4	G	us,ex
876	Sugar Maple	<i>Acer saccharum</i>	13,15	6	G	ib
877	Red Oak	<i>Quercus rubra</i>	35,35	13	G	
878	Sugar Maple	<i>Acer saccharum</i>	15,6,10	4	G	us
879	Sugar Maple	<i>Acer saccharum</i>	11	4	G	us
880	Bitternut Hickory	<i>Carya cordiformis</i>	17	5	G	ex
881	Sugar Maple	<i>Acer saccharum</i>	22,15	11	G	ex
882	Red Oak	<i>Quercus rubra</i>	39,23,30,32,26	17	G	
883	Sugar Maple	<i>Acer saccharum</i>	11	4	G	ex,um,us
884	Sugar Maple	<i>Acer saccharum</i>	13	5	G	
885	White Oak	<i>Quercus alba</i>	11,18	4	G	ex,us
886	Sugar Maple	<i>Acer saccharum</i>	15	5	G	ex
887	Sugar Maple	<i>Acer saccharum</i>	12	6	G	
888	White Ash	<i>Fraxinus americana</i>	18	-	D	eab
889	White Ash	<i>Fraxinus americana</i>	19	-	D	eab
890	Sugar Maple	<i>Acer saccharum</i>	24	9.5	F	db,dt
891	Sugar Maple	<i>Acer saccharum</i>	14,8	6.5	G	ex,us
892	Sugar Maple	<i>Acer saccharum</i>	12	6.5	G	db
893	Ironwood	<i>Ostrya virginiana</i>	11	4	G	
894	Sugar Maple	<i>Acer saccharum</i>	11	4	G	us,ab
895	Basswood	<i>Tilia americana</i>	49,40,19	15	G	tc
	Red Oak	<i>Quercus rubra</i>	40,12		G	
896	Sugar Maple	<i>Acer saccharum</i>	10	4	G	us,ab
897	Red Oak	<i>Quercus rubra</i>	15,36,27,30	10	G	ex
898	White Ash	<i>Fraxinus americana</i>	17	6	G	
899	Bitternut Hickory	<i>Carya cordiformis</i>	14	4	G	
900	Sugar Maple	<i>Acer saccharum</i>	14	6	G	us
901	Red Oak	<i>Quercus rubra</i>	30,30,32	15	G	
902	Sugar Maple	<i>Acer saccharum</i>	12	6	G	ex,um,us
903	Sugar Maple	<i>Acer saccharum</i>	14,15	4	D (15)	ib,us
904	Bitternut Hickory	<i>Carya cordiformis</i>	12	4	G	us
905	Sugar Maple	<i>Acer saccharum</i>	27	11	G	ab
906	Sugar Maple	<i>Acer saccharum</i>	10	4	G	us
907	Ironwood	<i>Ostrya virginiana</i>	10	3	G	us
908	Sugar Maple	<i>Acer saccharum</i>	14	5	G	
909	Sugar Maple	<i>Acer saccharum</i>	13	5	G	
910	Sugar Maple	<i>Acer saccharum</i>	22	8	F	db
911	Sugar Maple	<i>Acer saccharum</i>	11	5	G	ex,um
912	Black Walnut	<i>Juglans nigra</i>	12	4	G	us
913	Sugar Maple	<i>Acer saccharum</i>	21	10	G	
914	Red Oak	<i>Quercus rubra</i>	56,31	15	G	db
915	Ironwood	<i>Ostrya virginiana</i>	10,6	4	G	
916	Staghorn Sumac	<i>Rhus typhina</i>	12	3	F	ab,le
917	Norway Mape	<i>Acer platanoides</i>	10	4	G	
918	Red Ash	<i>Fraxinus pennsylvanica</i>	18	5	G	
919	Red Oak	<i>Quercus rubra</i>	11	4	G	
920	Bitternut Hickory	<i>Carya cordiformis</i>	32	8	G	db
921	White Ash	<i>Fraxinus americana</i>	17	4	G	
922	Sugar Maple	<i>Acer saccharum</i>	33	19	G	
923	White Ash	<i>Fraxinus americana</i>	32	13	G	
924	Red Oak	<i>Quercus rubra</i>	40,26,28	15	G	
925	Ironwood	<i>Ostrya virginiana</i>	10	3	P	tm,us
926	Basswood	<i>Tilia americana</i>	22,27	10	G	
927	Sugar Maple	<i>Acer saccharum</i>	11	4	G	um
928	Sugar Maple	<i>Acer saccharum</i>	16,22	9.5	G	db
929	Ironwood	<i>Ostrya virginiana</i>	11	4	G	us

**Defects and Decline Indicators:**

- ab: abrasion against fallen tree or limbs
- bb: broken branches
- br: butt rot
- ca: canker
- cb: cracked bark
- cc: crown crowded by other tree crowns
- cd: crown dead or mostly dead - epicormic shoots
- co: conks (mushrooms)
- cw: callused wound
- db: dead branches

dt: dead trunk top  
eab: emerald ash borer exit holes  
ep: epicormic shoots  
es: eroding slope  
ex: exposed roots  
fe: fence (tree growing through or against)  
fi: fill (bricks, cement, etc.) placed at or fallen onto base of tree  
fr: insect frass  
ft1: fallen tree (onto tree being assessed)  
ft2: tree fallen (resting on another tree)  
gu: gummosis  
hr: heart rot  
ib: included bark  
le: lean  
pb: peeling bark  
pr: pruning  
rs: slumped rootmass  
sl: abnormally small leaves  
ts: trunk split  
tc: trunk hollow cavity  
tr: trunk open rot  
tb: trunk bent over  
th: trunk horizontal or almost  
tm: trunk broken off or removed  
sp: tar spot  
um: base of trunk undermined - stilting of roots  
us: understory tree  
ut: utility line interference  
wc: weak crotch  
wo: woodpecker damage  
ww: weeping wound  
vi: vines  
ye: yellowing leaves