

**PROJECT SUMMARY**

*Red: Changed since last week*

*Black: No change*

**REPORTING PERIOD 11/20/11 – 11/26/11**

Location	Worcester		Boston	
<b>Total Quarantine Area (sq miles)</b>	110		10	
<b>Current Personnel</b>	111		18	
	<b>Reporting Period</b>	<b>Since Onset of Program</b>	<b>Reporting Period</b>	<b>Since Onset of Program</b>
<b>Infested Tree Detections</b>	18	20370	0	6
<b>Infested Tree Removals</b>	5	20166	0	6
<b>High Risk Host Tree Removals</b>	0	10250	0	0
<b>Delimiting Survey – Level 1</b>	17863	1760221	329	42944
<b>Delimiting Survey – Level 2</b>	0	2198	340	19121
<b>Host Trees Treated</b>	0	199993	0	1921
<b>Total Tree DBH Treated</b>	0	1383533	0	16784
<b>Regulatory Inspections (YTD)</b>	13	655	0	6
<b>Quarantine Certificates</b>	0	998	0	0
<b>Compliance Trainings</b>	2	814	0	68
<b>All MA</b>	<b>Reporting Period</b>		<b>Since Onset of Program</b>	
<b>Level 3 Survey</b>	62		2841	

**COMMENTARY**

**Survey/Treatments**

Surveys were completed by both staff and contractors in Worcester, Shrewsbury, Holden and Boston while staff also surveyed in West Boylston and Boylston.

Bucket surveys continued during this reporting period and were used near utility lines and on hazardous trees within the Worcester County Regulated area.

Ten U.S. Forest Service smoke jumpers arrived in Worcester and six arrived in Boston for a thirty day rotation to assist USDA and DCR program climbers with aerial surveys within the regulated areas. They will be helping until December 2nd.

**Infestation/Removal/Restoration**

An 11<sup>th</sup> Amended State Order was issued on Monday October 17, 2011 to include the entire town of Shrewsbury, expanding the regulated area by 12 square miles from 98 to 110.

There were eighteen infested trees found during this reporting period in three of the six municipalities in the Worcester County regulated area.

Residential and street tree removals resumed during this reporting period and a total of five trees were removed.

Replanting efforts are focused on siting trees for next spring's planting season. DCR Foresters continue to make appointments to meet with property owners to site trees.

The wood disposal yard located at Ararat Street in Worcester resumed its normal business hours: Monday, Wednesday and Friday 8 am – 4 pm and Tuesday and Thursday 8 am – 5pm.

Again, no infested trees were found in the Boston/Brookline Regulated Area; therefore, there were no removals in this reporting period.

**Regulatory/Staffing**

Regulatory staff continues to monitor the regulated area and to follow up on service calls as needed.

There were no new positions posted during this reporting period.

**Public Outreach/Media**

There were no public outreach/media events held during this reporting period.

**Upcoming Events**

December 1, 2011 – MDAR ALB Outreach Coordinator will provide information at the UMASS Extension Symposium: *Topics in Sustainable Landscape Design & Management*.

December 3, 2011 – MDAR ALB Outreach Coordinator and ALB Program staff will provide ALB information and activities to the Girl Scouts of Eastern Massachusetts and Senior Citizens at the Shrewsbury Crossing in Shrewsbury.

December 8, 2011 – ALB Program staff will provide an update to arborists at the Crane Estate in Ipswich.

December 12, 2011 – MDAR ALB Outreach Coordinator will provide ALB information and activities to the students at Grow School in Southbridge.

March 13, 2011 - ALB Program staff will provide an update at the *Community Tree Conference* held at the University of Massachusetts in Amherst.

## PERSONNEL SUMMARY

	Agency	Permanent	TDY	Term NTE	Temp, LA, Bio-Aide	Total Personnel
<b>Worcester</b>	USDA, APHIS, PPQ	25	0	35	2	62
	DCR	29	0	9	1	39
	USFS	0	10	0	0	10
	DAR	0	0	0	0	0
	<b>Subtotal</b>	<b>54</b>	<b>10</b>	<b>44</b>	<b>3</b>	<b>111</b>
<b>Boston</b>	USDA, APHIS, PPQ	0	0	6	0	6
	DCR	6	0	0	0	6
	USFS	0	6	0	0	6
	DAR	0	0	0	0	0
	<b>Subtotal</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>0</b>	<b>18</b>
<b>TOTAL</b>		<b>60</b>	<b>16</b>	<b>50</b>	<b>3</b>	<b>129</b>

## DETECTION SUMMARY

	Area	Date of First Detection	Date of Last Detection	Total Detections in Reporting Period	2011 Detections	Total Detections
<b>Worcester</b>	Worcester	8/5/2008	11/22/2011	11	1108	19005
	Shrewsbury	7/2/2010	11/21/2011	5	59	77
	Holden	5/31/2009	11/21/2011	2	39	103
	West Boylston	8/28/2008	11/15/2011	0	58	329
	Boylston	12/10/2009	11/15/2011	0	110	856
	Auburn			0	0	0
	<b>Subtotal</b>			<b>18</b>	<b>1374</b>	<b>20370</b>
<b>Boston</b>	Boston	7/3/2010	7/3/2010	0	0	6
	Brookline			0	0	0
	<b>Subtotal</b>			<b>0</b>	<b>0</b>	<b>6</b>
<b>TOTAL</b>				<b>18</b>	<b>1374</b>	<b>20376</b>

### REMOVAL SUMMARY

	Area	Reporting Period		Total 2011		Cumulative	
		Infested	High Risk	Infested	High Risk	Infested	High Risk
<b>Worcester</b>	<b>Worcester</b>	5	0	1322	0	19103	10250
	<b>Shrewsbury</b>	0	0	57	0	75	0
	<b>Holden</b>	0	0	46	0	101	0
	<b>West Boylston</b>	0	0	7	0	165	0
	<b>Boylston</b>	0	0	75	0	722	0
	<b>Auburn</b>	0	0	0	0	0	0
	<b>Subtotal</b>	<b>5</b>	<b>0</b>	<b>1507</b>	<b>0</b>	<b>20166</b>	<b>10250</b>
<b>Boston</b>	<b>Boston</b>	0	0	0	0	6	0
	<b>Brookline</b>	0	0	0	0	0	0
	<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>
<b>TOTAL</b>		<b>5</b>	<b>0</b>	<b>1507</b>	<b>0</b>	<b>20172</b>	<b>10250</b>

### REPLANTING SUMMARY

	Area	Reporting Period		Total 2011		Cumulative	
		Trees Sited	Planted	Trees Sited	Planted	Trees Sited	Planted
	<b>Worcester</b>	0	0	3910	3686	7840	7615
	<b>Shrewsbury</b>	0	2	409	352	415	353
	<b>Holden</b>	0	0	906	823	1124	1044
	<b>West Boylston</b>	9	9	1604	1513	1641	1550
	<b>Boylston</b>	0	0	1420	1354	1420	1356
	<b>Auburn</b>	0	0	143	138	143	138
<b>TOTAL</b>		<b>9</b>	<b>11</b>	<b>8392</b>	<b>7866</b>	<b>12583</b>	<b>12056</b>

### DELIMITING SURVEY LEVEL 1

	Area	Reporting Period				Total 2011				Cumulative			
		ground	climb	bucket	subtotal	ground	climb	bucket	subtotal	ground	climb	bucket	subtotal
<b>Worcester</b>	<b>Worcester</b>	6384	751	17	7152	530631	40843	563	572037	877586	88596	1059	967241
	<b>Shrewsbury</b>	2432	180	0	2612	41896	3610	3	45509	73746	3921	3	77670
	<b>Holden</b>	6085	103	0	6188	363944	1624	0	365568	417082	3914	9	421005
	<b>West Boylston</b>	1187	2	0	1189	44899	136	9	45044	210154	5729	36	215919
	<b>Boylston</b>	722	0	0	722	29442	142	13	29597	78518	15877	13	94408
	<b>Auburn</b>	0	0	0	0	0	0	0	0	0	0	0	0
	<b>Subtotal</b>	<b>16810</b>	<b>1036</b>	<b>17</b>	<b>17863</b>	<b>1010812</b>	<b>46355</b>	<b>588</b>	<b>1057755</b>	<b>1657086</b>	<b>102015</b>	<b>1120</b>	<b>1760221</b>
<b>Boston</b>	<b>Boston</b>	92	237	0	329	941	2107	0	3048	35069	4440	1	39510
	<b>Brookline</b>	0	0	0	0	0	0	0	0	3433	1	0	3434
	<b>Subtotal</b>	<b>92</b>	<b>237</b>	<b>0</b>	<b>329</b>	<b>941</b>	<b>2107</b>	<b>0</b>	<b>3048</b>	<b>38502</b>	<b>4441</b>	<b>1</b>	<b>42944</b>
<b>TOTAL</b>		<b>16902</b>	<b>1273</b>	<b>17</b>	<b>18192</b>	<b>1011753</b>	<b>48462</b>	<b>588</b>	<b>1060803</b>	<b>1695588</b>	<b>106456</b>	<b>1121</b>	<b>1803165</b>

### DELIMITING SURVEY LEVEL 2

	Area	Reporting Period				Total 2011				Cumulative			
		ground	climb	bucket	subtotal	ground	climb	bucket	subtotal	ground	climb	bucket	subtotal
<b>Worcester</b>	<b>Worcester</b>	0	0	0	0	2010	0	0	2010	2010	0	0	2010
	<b>Shrewsbury</b>	0	0	0	0	88	6	0	94	88	24	0	112
	<b>Holden</b>	0	0	0	0	0	12	0	12	0	39	0	39
	<b>West Boylston</b>	0	0	0	0	1	13	0	14	1	19	0	20
	<b>Boylston</b>	0	0	0	0	0	17	0	17	0	17	0	17
	<b>Auburn</b>	0	0	0	0	0	0	0	0	0	0	0	0
	<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2099</b>	<b>48</b>	<b>0</b>	<b>2147</b>	<b>2099</b>	<b>99</b>	<b>0</b>	<b>2198</b>
<b>Boston</b>	<b>Boston</b>	340	0	0	340	12368	182	0	12550	15263	182	0	15445
	<b>Brookline</b>	0	0	0	0	3667	9	0	3676	3667	9	0	3676
	<b>Subtotal</b>	<b>340</b>	<b>0</b>	<b>0</b>	<b>340</b>	<b>16035</b>	<b>191</b>	<b>0</b>	<b>16226</b>	<b>18930</b>	<b>191</b>	<b>0</b>	<b>19121</b>
<b>TOTAL</b>		<b>340</b>	<b>0</b>	<b>0</b>	<b>340</b>	<b>18134</b>	<b>239</b>	<b>0</b>	<b>18373</b>	<b>21029</b>	<b>290</b>	<b>0</b>	<b>21319</b>

**QUALITY ASSURANCE SURVEY**

Area	Reporting Period				Total 2011				Cumulative				
	ground	climb	bucket	subtotal	ground	climb	bucket	subtotal	ground	climb	bucket	subtotal	
<b>Worcester</b>	Worcester	124	0	0	124	15786	303	0	16089	27332	395	0	27727
	Shrewsbury	50	0	0	50	1614	0	0	1614	1668	0	0	1668
	Holden	0	0	0	0	17674	38	0	17712	18208	38	0	18246
	West Boylston	344	0	0	344	5466	21	0	5487	5342	22	0	5364
	Boylston	0	0	0	0	386	6	0	392	613	6	0	619
	Auburn	0	0	0	0	0	0	0	0	0	0	0	0
	<b>Subtotal</b>	<b>518</b>	<b>0</b>	<b>0</b>	<b>518</b>	<b>40926</b>	<b>368</b>	<b>0</b>	<b>41294</b>	<b>53163</b>	<b>461</b>	<b>0</b>	<b>53624</b>
<b>Boston</b>	Boston	0	0	0	0	656	20	0	676	2378	20	0	2398
	Brookline	0	0	0	0	210	0	0	210	210	0	0	210
	<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>866</b>	<b>20</b>	<b>0</b>	<b>886</b>	<b>2588</b>	<b>20</b>	<b>0</b>	<b>2608</b>
<b>TOTAL</b>	<b>672</b>	<b>0</b>	<b>0</b>	<b>672</b>	<b>41792</b>	<b>388</b>	<b>0</b>	<b>42180</b>	<b>55751</b>	<b>481</b>	<b>0</b>	<b>56232</b>	

**SURVEY LEVEL 3**

Area	Reporting Period				Total 2011				Cumulative			
	ground	climb	bucket	subtotal	ground	climb	bucket	subtotal	ground	climb	bucket	subtotal
Massachusetts	62	0	0	62	2560	0	0	2560	2560	281	0	2841
	<b>Number of Establishments Surveyed</b>											
Massachusetts	0				0				0			
<b>TOTAL</b>	0				0				0			

**PESTICIDE TREATMENT SUMMARY**

Area	Reporting Period		Total 2011		Cumulative		
	# trees	Total DBH	# trees	Total DBH	# trees	Total DBH	
<b>Worcester</b>	<b>Worcester</b>	0	0	23430	167193	48002	372775
	<b>Shrewsbury</b>	0	0	3568	26225	5299	35097
	<b>Holden</b>	0	0	15331	116016	31126	237284
	<b>West Boylston</b>	0	0	11675	79535	22470	154025
	<b>Boylston</b>	0	0	81252	513220	93097	584352
	<b>Auburn</b>	0	0	0	0	0	0
	<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>135256</b>	<b>902189</b>	<b>199994</b>	<b>1383533</b>
<b>Boston</b>	<b>Boston</b>	0	0	1921	16784	1921	16784
	<b>Brookline</b>	0	0	0	0	0	0
	<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>1921</b>	<b>16784</b>	<b>1921</b>	<b>16784</b>
<b>TOTAL</b>		<b>0</b>	<b>0</b>	<b>137177</b>	<b>918973</b>	<b>201914</b>	<b>1400317</b>

## REGULATORY WEEKLY REPORT

		Inspections Compliance Agreement Holders		Inspections Non-compliance Agreement Holders		Total Inspections	
		site	vehicle	site	vehicle	Week	Total 2011
<b>Worcester</b>	<b>Worcester</b>	0	2	2	1	5	242
	<b>Shrewsbury</b>	0	1	0	0	1	61
	<b>Holden</b>	0	1	0	0	1	48
	<b>West Boylston</b>	1	0	3	0	4	52
	<b>Boylston</b>	0	0	0	0	0	47
	<b>Outside</b>	0	0	2	0	2	205
		<b>1</b>	<b>4</b>	<b>7</b>	<b>1</b>	<b>13</b>	<b>655</b>
<b>Boston</b>	<b>Boston</b>	0	0	0	0	0	1
	<b>Brookline</b>	0	0	0	0	0	5
	<b>Outside</b>	0	0	0	0	0	0
		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>
<b>TOTAL</b>		<b>1</b>	<b>4</b>	<b>7</b>	<b>1</b>	<b>13</b>	<b>661</b>

	Week	2011	Cumulative	
<b>Worcester</b>	<b>Compliance Trainings</b>	0	90	814
	<b># Individuals</b>	0	530	2098
	<b># Companies</b>	0	333	1179
	<b>New Agreements</b>	0	110	1015
	<b>Renewals</b>	0	223	527
	<b>Revoked</b>	0	0	2
	<b>Limited Permits</b>	0	67	154
	<b>Certificates</b>	0	66	998
	<b>Violations</b>	0	1	6
	<b>EPO Details</b>	1	49	126

	Week	2011	Cumulative	
<b>Boston</b>	<b>Compliance Trainings</b>	0	42	68
	<b># Individuals</b>	0	143	143
	<b># Companies</b>	2	151	151
	<b>New Agreements</b>	2	31	31
	<b>Renewals</b>	0	119	119
	<b>Revoked</b>	0	0	0
	<b>Limited Permits</b>	0	0	0
	<b>Certificates</b>	0	0	0
	<b>Violations</b>	0	0	0
	<b>EPO Details</b>	1	4	4