

**Sold-To ("Purchaser"):**

Rob Flatter
City of West Chicago-Ts
475 Main St
West Chicago, IL 60185

Date: July 25, 2016
Document: 131524
Tel: (630) 293-2255
Fax: (630) 293-3028
Email: mbaldino@westchicago.
Customer #: H906535
Preferred: Fax

Compass Minerals America Inc. (Seller) / Quotation for bulk de-icing salt

Quantity (TN)	Delivery Location	Price Per Ton (USD)	
800	City of West Chicago 135 W Grandlake Blvd West Chicago, IL 60186 Destination #: H957632 Delivery Lead Time: 3 days	72.85 Deliver	Depot: Chicago Export-Treated Salt Product: 6602U - Thawrox-Treated Salt Mode of Transport: DUMP (END OR BOTTOM) Distance: 40.4 Miles
700 Reserve: 0	City of West Chicago - Washington Street 119 Washington Street West Chicago, IL 60185	72.85 Deliver	Depot: Chicago Export-Treated Salt Product: 6602U - Thawrox-Treated Salt Mode of Transport: DUMP (END OR

Purchase agreement subject to prior sale

THAWROX DEICER

The Customer commits to purchase 80% of the quantity shown and to commence receiving deliveries no later than December 31. Seller may decline any orders for any reason impacting its ability to ship product, including (but not limited to) the availability of product, conditions at the terminal or production facilities, or weather conditions. The Customer will be invoiced for any tons not taken up to the 80% (unless Seller has declined to deliver those tons).

Price(s) effective through Friday, 31 Mar 2017

Purchaser agrees to pay the seller for such salt as and when delivered, in accordance with the price and payment terms stated above and on the reverse side of this form (unless inconsistent with the terms on this page).

Terms are NET 30 days from shipment with approved credit.

- * This proposal is open for acceptance for 20 days following date of issue, and supersedes any and all previous proposals and or contracts. Proposal must be signed indicating acceptance to be valid.
- * Delivered price(s) via dump and based on full truck load quantities.
- * Seller does not commit to a specific delivery lead time. Any lead time specified above is an estimated target only.
- * Product is for bulk end use only and is not intended for blending and packaging without prior consent.
- * Applicable taxes extra
- * Compass Minerals America Inc. has no obligation to store salt after the Term, but if it chooses to make storage available it will be for a fee of \$5 per month per ton.

Thank you for the opportunity to quote on your bulk de-icing salt needs.

Accepted By;

Signature: _____

Title: _____

Sean Lierz

Senior Sales Manager 1-800-323-1641 x9330

Compass Minerals America Inc.

Name: _____

Date: _____

Please sign and return by fax to 913-338-7945 or e-mail highwaygroup@compassminerals.com or by mail

Order placement and inquiries Monday through Friday - 7:00 am to 5:00 pm.

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Compass Minerals America Inc. (Seller) / Quotation for bulk de-icing salt

Quantity (TN)	Delivery Location	Price Per Ton (USD)
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Destination #: H962934
Delivery Lead Time: 5 days

BOTTOM)
Distance: 40.4 Miles

Purchase agreement subject to prior sale

THAWROX DEICER

The Customer commits to purchase 80% of the quantity shown and to commence receiving deliveries no later than December 31. Seller may decline any orders for any reason impacting its ability to ship product, including (but not limited to) the availability of product, conditions at the terminal or production facilities, or weather conditions. The Customer will be invoiced for any tons not taken up to the 80% (unless Seller has declined to deliver those tons).

Price(s) effective through Friday, 31 Mar 2017

Purchaser agrees to pay the seller for such salt as and when delivered, in accordance with the price and payment terms stated above and on the reverse side of this form (unless inconsistent with the terms on this page).

Terms are NET 30 days from shipment with approved credit.

- * This proposal is open for acceptance for 20 days following date of issue, and supersedes any and all previous proposals and or contracts. Proposal must be signed indicating acceptance to be valid.
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- * Applicable taxes extra
- * Compass Minerals America Inc. has no obligation to store salt after the Term, but if it chooses to make storage available it will be for a fee of \$5 per month per ton.

Thank you for the opportunity to quote on your bulk de-icing salt needs.

Accepted By;

Signature: _____

Title: _____

Name: _____

Date: _____

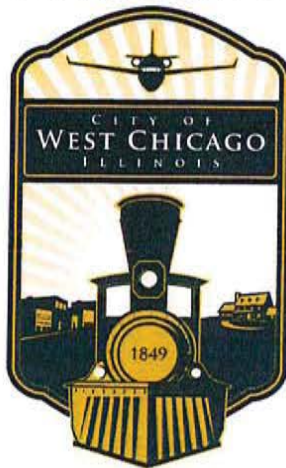
Sean Lierz
Senior Sales Manager 1-800-323-1641 x9330
Compass Minerals America Inc.

Please sign and return by fax to 913-338-7945 or e-mail highwaygroup@compassminerals.com or by mail
Order placement and inquiries Monday through Friday - 7:00 am to 5:00 pm.

Terms and Conditions of Sale

1. PARTIES. "Seller" is identified in the "Remit To" section and "Buyer" in the "Sold To" section of an invoice to which these Terms and Conditions of Sale ("Agreement") relate or are attached.
2. OFFER. No terms in Buyer's bid, purchase order or other form shall be binding upon Seller. Seller rejects additional/different terms in such Buyer's documents. SELLER'S OFFER IS EXPRESSLY LIMITED TO AND CONDITIONED UPON BUYER'S ACCEPTANCE OF THIS AGREEMENT.
3. PRICES; TAXES. EXCEPT AS OTHERWISE SPECIFIED IN THIS AGREEMENT, PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE. ORDERS WILL BE INVOICED, UNLESS OTHERWISE SPECIFIED IN THIS AGREEMENT, AT SELLER'S PRICE IN EFFECT ON THE SCHEDULED DATE OF SHIPMENT. Prices on the invoicing document are net of all applicable discounts and promotional allowances. References to "tons" means short tons (2000 lbs.) unless otherwise specified. Any tax or other governmental charges now or hereafter levied upon production, severance, manufacture, delivery, storage, consumption, sale, use or shipment of Products ordered or sold are not included in Seller's price and will be charged to and paid by Buyer.
4. CANCELLATION. Orders may be canceled by Buyer only upon (1) written or oral notice to Seller and accepted in writing by Seller and (2) payment to Seller of reasonable cancellation charges to be solely determined by Seller. Except as otherwise agreed in writing, until the products identified in Buyer's purchase order as accepted by Seller ("Products") are shipped, Seller has no obligation under any order submitted by Buyer (and may cancel the order at any time prior to shipment).
5. PAYMENT; CREDIT; PAST DUE ACCOUNTS. Buyer will make payment to Seller at the time and in the currency specified on Seller's invoicing document. Seller may, in its sole judgment, require such other payment terms as Seller deems appropriate, including full or partial payment in advance of shipment or by letter of credit. Credit payment terms must have the prior approval of Seller's Credit Department and must be specified in writing on Seller's invoicing document. Whenever reasonable grounds for insecurity arise with respect to due payment from Buyer or with respect to Buyer's financial condition generally, Seller reserves the right to stop shipment on notification to Buyer and to demand payment in advance or at the time of delivery for future deliveries or require reasonable assurance of payment, and in the absence thereof, to cancel, without liability, the unfilled portion of Buyer's order. A finance charge of the lesser of 1.5% per month (18% - APR) or the highest rate permitted by law will be assessed on all past due accounts. Interest charged on a past due invoice will be assessed from the date of the invoice. Amounts owed by Buyer with where there is no dispute will be paid without set-off for any amounts that Buyer may claim are owed by Seller. Buyer agrees to reimburse Seller for all attorney fees and court costs in connection with default of these payment terms by Buyer.
6. DELAYS. All orders are subject to Seller's ability to make delivery at the time and in the quantities specified, and Seller shall not be liable for damages for failure to make partial or complete shipment or for any delay in making shipments. Seller shall not be liable for delays or defaults in delivery caused by forces not reasonably within Seller's control (including but not limited to delays or defaults by carriers, extreme cold weather, partial or total failure of Seller's intended production, transportation or delivery facilities, etc., floods, fires, storms, or other acts of God, war or act of public enemy (or civil disturbance), strikes, lock-outs, shortages of labor or raw materials and supplies (including fuel), acts or omissions of Buyer, action of any governmental authority, or other force majeure event). Buyer shall be liable for any added expenses incurred by Seller because of Buyer's delay in furnishing requested information to Seller, delays resulting from order changes by Buyer, or delay in unloading shipments at the delivery point that are the fault of Buyer.
7. SHIPMENT COSTS/TRANSPORTATION MATTERS. Unless otherwise specified on Seller's invoicing document, all transportation charges, including, but not limited to, Seller's and carrier's charges for notification prior to delivery, demurrage, switching, detention, delay in unloading, diversion, or reconsignment shall be the sole responsibility of Buyer. Buyer will assume title and risk of loss concurrently in accordance with Seller's invoicing document. On passage of title, Buyer is then responsible for proper protection of Products and compliance with all regulations and ordinances and will indemnify Seller against all claims for personal injuries or property damage arising from the storage, use or handling of such Products. Claims for damage or shortage in transit must be made by Buyer against the carrier. Buyer has the responsibility to inspect shipments before or during unloading to identify any such damage or shortage and see that appropriate notation is made on the delivery tickets or an inspection report furnished by the local agent of the carrier in order to support a claim. Upon transfer of the Products' risk of loss to Buyer, Buyer is solely responsible for the care, condition, damage or loss of railcars used to deliver the Products until the railcars are released empty by Buyer to the rail carrier. Without Seller's prior written approval, neither Buyer nor any of its employees/agents will divert or export any such railcar to anywhere outside the continental U.S. Even with such Seller's approval, Buyer remains fully responsible for and shall promptly reimburse Seller for all claims, losses, costs, expenses, liabilities, penalties, demands and taxes directly caused by or incidental to such use of the railcars by Buyer.
8. WARRANTY/TIME FOR MAKING CLAIMS. Seller warrants only that it will convey good title to the Products and that, at the time of shipment, the Products will conform to the published specifications of Seller. Seller's specifications are subject to change at any time without notice to Buyer. NO OTHER WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, IS MADE BY SELLER AND SELLER HEREBY DISCLAIMS ALL SUCH OTHER WARRANTIES, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT. Buyer must notify Seller of any claim with respect to Products, warranty, or any other claim under this Agreement within thirty (30) days of Seller's delivery of Products or such claim is waived. In the event of an alleged breach hereof by Seller, the sole remedy available to Buyer on account of any defect in the Products shall be limited to the replacement of such defective Products by Seller. In the event the remedy provided herein shall be deemed to have failed its essential purpose, then Buyer shall be entitled only to a refund of the amounts paid to Seller for such defective Products. Subject to the notification of claim provision above, no action for breach of the contract for sale or otherwise with respect to Products will be commenced more than one (1) year after the accrual of the cause of action thereto.
9. LIMITATION OF LIABILITY. SELLER'S LIABILITY FOR ANY CLAIM ARISING UNDER OR IN CONNECTION WITH THIS AGREEMENT WILL BE LIMITED TO THE NET PURCHASE PRICE ACTUALLY PAID TO SELLER FOR THE PRODUCTS INVOLVED. IN NO EVENT SHALL SELLER BE LIABLE TO BUYER OR ANY THIRD PARTY FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, EXEMPLARY OR PUNITIVE DAMAGES FOR ANY CLAIM, WHETHER BASED ON WARRANTY, CONTRACT, OR TORT (INCLUDING NEGLIGENCE) OR OTHERWISE. Buyer assumes all risks and liability for any damage to persons or property resulting from the use of the Products delivered hereunder in manufacturing processes of Buyer or in combination with other substances or otherwise.
10. INDEMNIFICATION. BUYER SHALL INDEMNIFY, HOLD HARMLESS AND DEFEND SELLER AND ITS AFFILIATES AND THEIR RESPECTIVE PRESENT OR FUTURE EMPLOYEES, OFFICERS, DIRECTORS, SHAREHOLDERS, INSURERS, AGENTS AND REPRESENTATIVES (COLLECTIVELY, "INDEMNIFIED PARTIES"), FROM ALL CLAIMS, LIABILITIES, DAMAGES, SUITS, PROCEEDINGS, COSTS AND EXPENSES (INCLUDING REASONABLE ATTORNEYS' FEES) (COLLECTIVELY, "LOSSES"), FOR ANY DAMAGE, INJURY, DEATH, LOSS OR DESTRUCTION OF ANY KIND RELATING TO OR ARISING OUT OF THE PERFORMANCE OF THIS AGREEMENT, INCLUDING WITHOUT LIMITATION, LOSS OR DAMAGE TO ANY PROPERTY OR INJURY TO OR DEATH OF ANY PERSON (INCLUDING, WITHOUT LIMITATION, BUYER OR ITS EMPLOYEES), WHETHER ARISING AS A WORKERS' COMPENSATION CLAIM OR UNDER THEORIES OF NEGLIGENCE, TORT, STRICT LIABILITY, INTENTIONAL MISCONDUCT, OR FAULT OF ANY KIND, AND EVEN IF THE RESULT OR ALLEGED RESULT OF THE CONDUCT, NEGLIGENCE, ERROR, OMISSION, OR BREACH OF THIS AGREEMENT OR NON-COMPLIANCE WITH APPLICABLE LAWS BY ANY INDEMNIFIED PARTIES. THIS PROVISION SHALL SURVIVE EXPIRATION OR TERMINATION OF THIS AGREEMENT.
11. SECURITY INTEREST. Buyer grants to Seller, and Seller retains, a security interest in all Products furnished by Seller and the proceeds thereof, until the purchase price therefor is fully paid. Seller may file any financing statements and give notice of such security interest to third parties as Seller may determine to be necessary to perfect such security interest.
12. LEGAL COMPLIANCE. Buyer and its employees/agents (1) will comply with all applicable U.S. federal, state, local and foreign laws and regulations, including the U.S. Export Administration Regulations, the U.S. Foreign Corrupt Practices Act, and the U.S. Patriot Act, as amended from time to time (collectively, "Laws"); (2) will not subject Seller to any claim, penalty or loss of benefits under the Laws; and (3) will cooperate with Seller in any audit/inspection relating to the Laws. Upon Seller's request, Buyer will deliver a certificate to Seller in a form provided by Seller, certifying such matters as requested by Seller, as required by the Laws, or pertaining to Buyer's intended use of the Products as represented to Seller.
13. MISCELLANEOUS. Matters arising out of or in connection with a sale hereunder will be governed by Kansas laws without regard to conflicts of law rules, and Buyer and Seller consent to the jurisdiction of Johnson County, Kansas courts. Buyer shall not assign this Agreement without Seller's prior written consent. This Agreement constitutes the entire agreement regarding the subject matter hereof; no modification may be made, unless in writing and signed by the parties; and no acknowledgment/acceptance of purchase order forms containing different/additional terms shall have force or effect. Seller's failure to enforce any provision will not be a waiver of its right to enforce such provision or any other provision then or thereafter. Any unenforceable provision shall be enforced to the extent it is enforceable. Any provision intended to survive shall survive this Agreement's termination/expiration and the consummation of the transactions contemplated hereunder.

PUBLIC



WORKS

ROBERT E. FLATTER, P.E.
DIRECTOR
(630) 293-2255
FAX (630) 293-2971

UTILITY DIVISION	293-2255
STREET DIVISION	293-2250
WASTEWATER DIVISION	293-2261
ENGINEERING DIVISION	293-2255

MEMORANDUM

TO: Michael L. Guttman, City Administrator

FROM: Robert E. Flatter, P.E., Director of Public Works

DATE: August 26, 2016

RE: Emerald Ash Borer Insecticidal Treatment Program Update

Attached for your consideration, please find a copy of a report entitled "West Chicago 2011-2015 Ash Treatment Report", as prepared by Emerald Tree Care LLC. Said report provides an overview of the number of Ash trees treated, removed, and saved since 2010.

To summarize the 2011-2015 Ash Treatment Report:

1. In 2010 Graf Tree Care inspected, evaluated, and tagged 2,446 Ash trees that existed in the City's parkway or on City owned properties. No private property trees were inventoried.
2. As a result of Graf's inspection, in 2010, 593 Ash trees were identified to be removed, leaving 1,853 Ash trees to be treated under the City's insecticidal treatment program.
3. In 2011, Mr. Wayne White of Emerald Tree Care, LLC (ETC), was hired by the City to perform insecticidal treatments on all City owned Ash trees. During treatment, Mr. White found 10 Ash trees owned by the City, but not previously inventoried by Graf Tree Care. In addition, Mr. White identified 28 Ash trees that were added to the removal list.

Of the 28 additional removals, 11 were identified as being too heavily infested with the Emerald Ash Borer (EAB) to be saved/treated, 12 had been previously removed by the City or needed to be removed due to storm damage, four were identified as "would never flourish" due to other circumstances (i.e., parkway too small, overhead wires, planted too close to another mature tree, etc.), and one was identified as an inventory duplicate.

Therefore, in 2011 ETC treated 1,835 Ash trees. This represents a 25% Ash tree loss since the EAB was discovered in West Chicago.

4. In 2012, while performing insecticidal treatments, ETC removed forty-nine Ash trees from the treatment program. Of the forty-nine removals, 3 had been previously removed by the City or needed to be removed due to storm damage, and forty-six were removed due to further EAB damage.

Therefore, in 2012 ETC treated 1,786 Ash Trees. This represented a 2.6% Ash tree loss since insecticidal treatments began in 2011.

5. In addition, in 2012 the City removed 62 Ash trees damaged in the July 1st storm and also experienced a severe drought which negatively impacted many of the City's parkway trees.
6. In 2013 ETC treated 1,724 Ash Trees. After evaluation, 35 trees were removed from the treatment set prior to trunk injections.
7. Between the 2013 trunk injections and the start of the 2014 treatment there were an additional 39 Ash trees removed, 31 by the City for various reasons (storm/EAB damage), 8 removed from the list by ETC that did not respond to treatment. One new Ash tree previously undiscovered was added to the list. After evaluation one tree was removed from the treatment set prior to trunk injections resulting in 1,650 trees remaining in the program.
8. Between the 2014 trunk injections and the start of the 2015 treatment there were an additional 60 Ash trees removed from the treatment set. 30 by the City for various reasons (storm/EAB damage), 28 by ETC which were found to have declined to a point where the overall tree structure was compromised, and two for other (non-EAB) reasons. Another Ash tree previously undiscovered was added to the list and 4 more were removed after evaluation resulting in 1,587 remaining in the treatment set.
9. In 2015 all 1,587 trees were treated and in the fall of that year an additional review was performed by ETC. ETC noted that 9 additional trees had been removed by the City (most of these were due to failing condition and 1 was a split tree). The remaining treatment set consisted of 1,578 trees. For the first time ETC's fall review broke down the remaining trees into four categories (Good, Good if minor maintenance were performed, weak and needing further evaluation, and remove from treatment).
10. The fall review resulted in 78 additional trees being removed from the treatment set for a total of 1,550 Ash trees remaining (to be treated in 2016). The number of Ash trees lost since treatment began in 2011 is 285, about 15.5%, which includes a large number of trees lost due to the July 1, 2012 storm. Since 2013 the percentage lost is about 9.5% of the original treatment set.
11. Between the fall review and the 2016 treatment the City removed 23 additional trees and 7 more were removed (4 by the City and 3 by ETC) after initial 2016 soil treatments. This brought the total to 1,520 trees, about 83% remaining from the original treatment set.

The 2016 evaluation of the treatment set has not been completed however, in this report there are 93 trees assigned to the section for weak and needing further evaluation. The determination to prune and continue treating or remove these trees should be completed by ETC and staff before fall of 2016. Based on early observations it is likely that many of these will be removed from the treatment set and will need to come down. If all 93 trees are determined to need to be removed it would increase the number of trees lost since 2011 treatment began to 380 or about 20% of the original treatment set.

REF:tw

Att-

Cc: Timothy R. Wilcox, Assistant Director of Public Works

WEST CHICAGO

2010-2015 ASH TREATMENT REPORT

This report was put
together for the
City of West Chicago by
Emerald Tree Care LLC

Updated March 2016

26W515 St. Charles Rd, #B
Carol Stream, IL 60188
Office: 630-480-4090
Cell: 248-939-0225
SaveTheAsh@aol.com
www.ashborer.com

2010

In 2010, *Graf Tree Care* was hired to do an inventory for the City of West Chicago. Upon completion of the report, it was discovered that the city had 2,446 ash trees.

Those 2,446 trees were then evaluated based on their condition, maintenance status, and existing Emerald Ash Borer damage level. *Graf Tree Care* removed 593 trees from the original treatment set, leaving a final treatment set of 1,853 ash trees for the City of West Chicago to put out to bid.

Final 2010 Facts:

The final 2010 inventory included 1,853 ash trees.

Those ash trees had a DBH total of 16,619 inches.

There were 1,142 ash trees that measured seven (7) inches or greater in diameter.

The 1,142 ash trees had a DBH total of 13,454 inches.

These ash trees were intended to be both soil treated and trunk injected.

There were 711 ash trees that measured less than seven (7) inches in diameter.

The 711 ash trees had a DBH total of 3,165 inches.

These ash trees were intended to be soil treated only.

2011

The Emerald Ash Borer Treatment Contract was awarded to *Emerald Tree Care LLC* in July 2011. Wayne White removed an additional 28 trees, but added 10 trees that were not on the original inventory (approved by Tim Wilcox and Mark Harvel). The changes put the final 2011 list at 1,835 ash trees.

TAG	ADDRESS	SPECIES	WARD	DBH	COMMENTS
42	432 COLFORD AVE	GREEN	1	1	Will never flourish. (ETC)
83	390 JENICE CT	GREEN	1	8	Too far gone; EAB damage (EAB)
86	403 JENICE CT	GREEN	1	7	Too far gone; EAB damage (EAB)
253	604 WOOD ST	BLACK	2	5	Tree is dead. (ETC)
291	820 JOLIET ST	GREEN	2	8	Will never flourish. (ETC)
305	436 E FOREST AVE	GREEN	2	9	Too far gone; EAB damage (EAB)
306	900 GATES ST	GREEN	2	15	Too far gone; EAB damage (EAB)
441	306 CHURCH ST	GREEN	3	31	Tree has been cut down. (WC)
569	1171 COMMERCE DR	GREEN	3	11	Tree has been cut down. (WC)
600	1425 W HAWTHORNE LN	GREEN	4	9	Too far gone; EAB damage (EAB)
629	975 WOODSIDE DR	GREEN	4	9	Tree has been cut down. (WC)
631	997 WOODSIDE DR	GREEN	4	9	Too far gone; EAB damage (EAB)
650	310 THOMAS DR	GREEN	4	7	Too far gone; EAB damage (EAB)
686	1057 WILLOW CREEK DR	GREEN	4	12	Storm damage. (WC)
819	559 HIGHLAND AVE	WHITE	4	7	Tree has been cut down. (WC)
856	580 OAK AVE	GREEN	4	4	Will never flourish. (ETC)
1162	716 TANAGER LN	GREEN	7	12	Duplicate of Tree #1662 (GRAF)
1319	501 MEADOWVIEW DR	GREEN	5	8	Tree has been cut down. (WC)
1339	516 MEADOWVIEW DR	GREEN	5	6	Tree has been cut down. (WC)
1440	120 WHISPERING OAKS DR	BLACK	6	5	Too far gone; EAB damage (EAB)
1607	2100 MULBERRY DR	GREEN	7	12	Tree has been cut down. (WC)
1834	2400 WYETH DR	GREEN	7	7	Tree has been cut down. (WC)
1843	2441 WYETH DR	GREEN	7	8	Tree has been cut down. (WC)
1918	2692 BAINBRIDGE BLVD	GREEN	7	6	Storm damage. (WC)
1977	2567 ADELIA LN	WHITE	7	6	Too far gone; EAB damage. (EAB)
2011	2474 ADELIA LN	GREEN	7	9	Too far gone; EAB damage (EAB)
2101	2660 LEHMAN DR	GREEN	7	8	Storm damage. (WC)
2131	2545 BARNHART ST	GREEN	7	8	Too far gone; EAB damage (EAB)

To summarize the 28 removals:

- Twelve (12) ash trees had to be removed by the City of West Chicago due to storm damage between the time of inventory and the time of treatment by the awarded bidder.
- Eleven (11) ash trees had to be removed by *Emerald Tree Care LLC* for being too heavily infested with the Emerald Ash Borer.
- Four (4) ash trees had to be removed by *Emerald Tree Care LLC* for being trees that would never flourish (one was dominated by a pear tree; one was topped under some electric lines; etc).
- One (1) ash tree was removed from the data list by *Emerald Tree Care LLC* for being a duplicate entry on the original *Graf Tree Care* inventory.

Below are the 10 trees that were added.

TAG	ADDRESS	SPECIES	WARD	DBH 2011
ADD	1005 ELIZABETH ST	BLACK	2	9
ADD	1015 KNOLLWOOD LN	WHITE	5	18
ADD	218 W BLAIR ST	GREEN	2	8
ADD	2330 CHALLEN CT	GREEN	7	6
ADD	2838 CAMDEN DR	GREEN	7	7
ADD	2937 CAMDEN DR	GREEN	7	6
ADD	2937 CAMDEN DR	GREEN	7	6
ADD	348 HERITAGE WOODS DR	WHITE	7	5
ADD	960 KNOLLWOOD LN	WHITE	5	17
ADD	960 KNOLLWOOD LN	WHITE	5	17

Final 2011 Facts:

The final 2011 treatment set included 1,835 ash trees.

Those ash trees had a DBH total of 19,056 inches.

There were 1,390 ash trees that measured seven (7) inches or greater in diameter.

The 1,390 ash trees had a DBH total of 16,855 inches.

These ash trees were both soil treated and trunk injected.

There were 445 ash trees that measured less than seven (7) inches in diameter.

The 445 ash trees had a DBH total of 2,201 inches.

These ash trees were soil treated only.

In this first year of the Contract, the ash trees were treated outside of the preferred treatment window (soil treatments in March-April; trunk injections in May-June).

Soil and trunk treatments were completed simultaneously over the course of July 19 – August 12, 2011.

The total cost for 2011 treatments was \$72,699.50.

	TOTAL TREES	TOTAL INCHES	TREES W/ TRUNK	TRUNK INCHES	TOTAL COST
2010	1,853	16,619	1,142	13,454	-
2011	1,835	19,056	1,390	16,855	\$72,699.50

2012

Emerald Tree Care LLC performed an updated inventory of the Emerald Ash Borer Treatment Contract in the weeks leading up to the soil treatments. It was discovered that four (4) additional trees were lost from the final 2011 treatment set, dropping the list to 1,831 total ash trees for 2012.

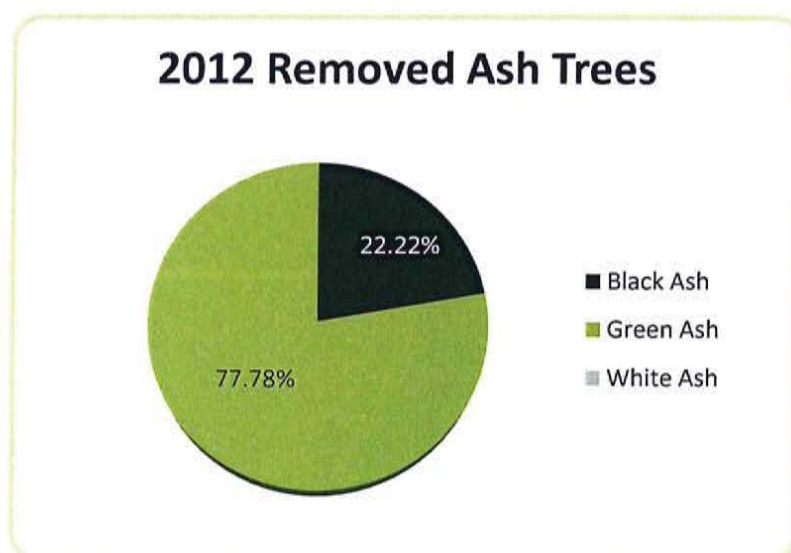
TAG	ADDRESS	SPECIES	WARD	DBH 2011	COMMENTS
168	525 E BLAIR ST	WHITE	1	15	Storm damage. (WC)
304	436 E FOREST AVE	WHITE	2	10	Lost to EAB damage. (ETC)
567	921 INDUSTRIAL DR	GREEN	4	13	Tree has been cut down. (WC)
2320	1400 W HAWTHORNE LN	GREEN	4	13	Tree has been cut down. (WC)

To summarize the four (4) additional removals:

- Three (3) ash trees had to be removed by the City of West Chicago, one of which *Emerald Tree Care LLC* was able confirm as storm damage.
- One (1) ash tree had to be removed by *Emerald Tree Care LLC*, as it had not responded to the 2011 treatment and was too heavily infested with Emerald Ash Borer.

Once the 2012 soil treatments were completed (March 31 – April 9, 2012), *Emerald Tree Care LLC* wanted to perform an evaluation of the treatment set. May 2012 was the first time the ash trees would leaf-out after the full 2011 treatment and the 2012 soil treatment. Wayne categorized the 1,831 ash trees into three categories: good (green), watch (yellow), and remove (red).

The evaluation results removed 45 ash trees from the contract. This finalized the 2012 treatment set to consist of 1,786 ash trees. See below for a species breakdown and individual listing of the 45 removals.



2012 Removed Ash Trees

Black (10), 22.22%

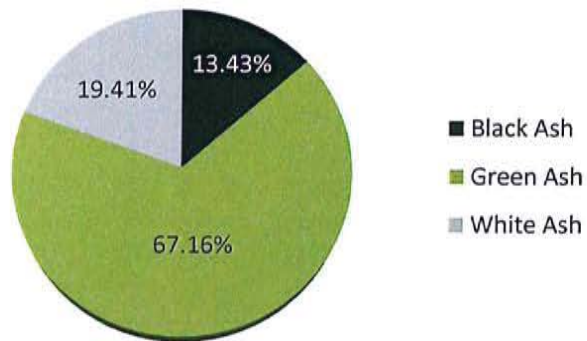
Green (35), 77.78%

White (0), 0.00%

TAG	ADDRESS	SPECIES	WARD	COND	DBH
68	154 EASTON AVE	GREEN	1	R	5
84	389 JENICE CT	GREEN	1	R	10
205	99999 ANN ST	GREEN	2	R	19
217	357 JOLIET ST	BLACK	2	R	6
246	604 JOLIET ST	BLACK	2	R	6
302	426 E FOREST ST	GREEN	2	R	19
368	823 LINCOLN AVE	BLACK	3	R	5
409	419 ANN ST	GREEN	3	R	15
466	426 HARRISON ST	GREEN	3	R	25
468	229 MILO CT	GREEN	3	R	13
472	448 HARRISON ST	GREEN	3	R	39
478	704 W WASHINGTON ST	BLACK	3	R	5
544	500 WEGNER DR	GREEN	3	R	17
626	357 LONG OAK DR	GREEN	4	R	11
648	360 THOMAS DR	BLACK	4	R	5
651	311 THOMAS DR	BLACK	4	R	6
718	1023 ACORN HILL LN	BLACK	4	R	4
807	840 ARBOR AVE	BLACK	4	R	6
851	556 IGNALTON AVE	GREEN	4	R	23
986	103 IGNALTON AVE	BLACK	4	R	7
1110	900 DUNHAM DR	GREEN	5	R	8
1144	830 FARM DR	GREEN	5	R	5
1161	805 PIONEER CT	GREEN	5	R	4
1177	99999 CAMPBELL DR	GREEN	5	R	5
1178	99999 CAMPBELL DR	GREEN	5	R	5
1277	1455 MARSHVIEW CT	GREEN	5	R	8
1281	711 MEADOWVIEW CROSSING	GREEN	5	R	8
1285	1505 FIELDCREST DR	GREEN	5	R	7
1306	565 FIELDCREST DR	GREEN	5	R	10
1359	1348 PRAIRIE CT	GREEN	5	R	8
1360	1342 PRAIRIE CT	GREEN	5	R	9
1402	1128 ELIZABETH ST	GREEN	6	R	12
1418	1234 S OAK ST	GREEN	6	R	19
1522	216 POST OAK CIR	GREEN	7	R	7
1524	216 POST OAK CIR	GREEN	7	R	6
1674	2630 BOBWHITE LN	GREEN	7	R	10
1678	2610 BOBWHITE LN	GREEN	7	R	11
1679	2635 BOBWHITE LN	GREEN	7	R	12
1747	2033 SMITH RD	GREEN	7	R	8
1818	2364 ALAMANCE DR	BLACK	7	R	4
1859	2404 BAINBRIDGE BLVD	GREEN	7	R	6
1868	2491 ALAMANCE DR	GREEN	7	R	6
2070	2865 DAVENPORT DR	GREEN	7	R	7
2107	2871 STOCKBERRY LN	GREEN	7	R	5
2443	99999 W WASHINGTON ST	GREEN	3	R	25

The evaluation results placed 67 ash trees on a **watch list**. See below for a species breakdown and individual listing of the 67 trees being monitored.

2012 Watched Ash Trees



2012 Watched Ash Trees

Black (9), 13.43%

Green (45), 67.16%

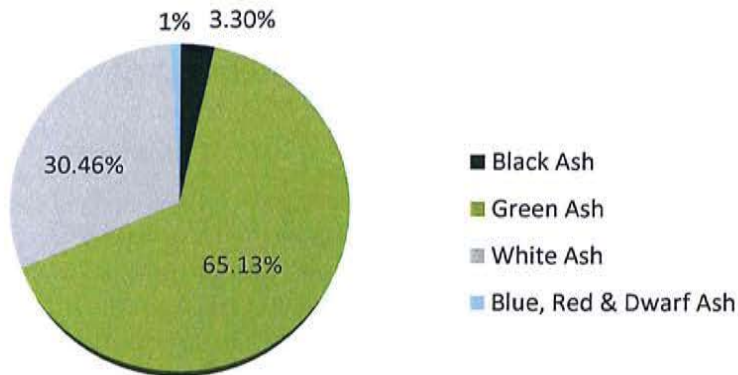
White (13), 19.41%

TAG	ADDRESS	SPECIES	WARD	COND	DBH
15	302 FULTON ST	WHITE	1	Y	30
29	303 FULTON ST	WHITE	1	Y	23
44	465 COLFORD AVE	BLACK	1	Y	6
98	917 JERI LN	WHITE	1	Y	8
119	878 STERLING AVE	WHITE	1	Y	17
214	132 E STIMMEL ST	WHITE	2	Y	33
215	133 E STIMMEL ST	WHITE	2	Y	25
224	526 E STIMMEL ST	GREEN	2	Y	20
229	349 E POMEROY ST	GREEN	2	Y	17
234	312 E POMEROY ST	GREEN	2	Y	28
235	315 E POMEROY ST	GREEN	2	Y	36
243	1063 E POMEROY ST	WHITE	2	Y	35
251	220 W POMEROY ST	BLACK	2	Y	8
394	518 LYMAN ST	GREEN	3	Y	18
425	447 CHURCH ST	GREEN	3	Y	18
447	238 CHURCH ST	GREEN	3	Y	32
458	99999 W WASHINGTON ST	GREEN	3	Y	19
462	303 CHURCH ST	BLACK	3	Y	6
517	1250 W WASHINGTON ST	GREEN	3	Y	21
634	1026 WOODSIDE DR	BLACK	4	Y	6
645	1245 THOMAS DR	WHITE	4	Y	8
653	310 THOMAS DR	BLACK	4	Y	7
810	435 ARBOR AVE	GREEN	4	Y	29
845	523 ELITE AVE	GREEN	4	Y	24
846	522 ELITE AVE	GREEN	4	Y	21
847	515 ELITE AVE	GREEN	4	Y	24

902	448 ELITE AVE	GREEN	4	Y	31
924	420 CLAREMONT AVE	GREEN	4	Y	23
949	229 E YORK AVE	GREEN	4	Y	17
970	351 E WASHINGTON ST	GREEN	4	Y	14
981	235 INGALTON AVE	GREEN	4	Y	30
990	222 N OAK ST	GREEN	4	Y	22
1088	900 DUNHAM DR	GREEN	5	Y	7
1105	830 DUNHAM DR	WHITE	5	Y	10
1202	970 CHERRYWOOD LN	GREEN	5	Y	12
1220	1060 RIDGEWOOD DR	WHITE	5	Y	17
1261	1054 AMBER CT	WHITE	5	Y	11
1279	1454 MARSHVIEW CT	BLACK	6	Y	6
1280	1454 MARSHVIEW CT	GREEN	5	Y	8
1283	691 MEADOWVIEW CROSSING	GREEN	5	Y	7
1287	661 MEADOWVIEW DR	GREEN	5	Y	6
1305	575 FIELDCREST DR	GREEN	5	Y	8
1352	1387 PRAIRIE CT	GREEN	5	Y	7
1357	1355 PRAIRIE CT	GREEN	5	Y	9
1377	500 NAGEL CT	BLACK	6	Y	6
1380	520 NAGEL CT	WHITE	5	Y	8
1403	1128 ELIZABETH ST	GREEN	6	Y	15
1415	1004 S OAK ST	GREEN	6	Y	17
1416	1004 S OAK ST	GREEN	6	Y	25
1423	1235 BISHOP ST	GREEN	6	Y	17
1433	1660 WHISPERING OAKS DR	GREEN	6	Y	8
1496	294 HEMLOCK LN	WHITE	7	Y	4
1592	2120 MULBERRY DR	BLACK	7	Y	8
1612	330 INDIANWOOD LN	GREEN	7	Y	11
1669	617 TANAGER LN	GREEN	7	Y	13
1677	2635 BOBWHITE LN	GREEN	7	Y	10
1722	2361 CHICKADEE CT	GREEN	7	Y	13
1788	2953 BRAEMORE DR	GREEN	7	Y	7
1811	2324 ALAMANCE DR	GREEN	7	Y	7
1846	2467 WYETH DR	GREEN	7	Y	10
2042	2420 LINDSAY CT	GREEN	7	Y	10
2067	2875 OVERBECK LN	GREEN	7	Y	6
2112	2620 LEHMAN DR	GREEN	7	Y	8
2144	2495 BARNHART ST	GREEN	7	Y	10
2169	2336 FAIRCHILD LN	GREEN	7	Y	7
2188	2709 SUDBURY CT	GREEN	7	Y	8
2200	325 SPENCER ST	BLACK	1	Y	5

No additional trees were removed prior to completing the 2012 trunk injections. Upon completion of the 2012 treatments, the 1,786 ash trees in the Contract fell into this species breakdown.

2012 Species Breakdown



Species Breakdown

Black (59), 3.30%
Blue (2), 0.11%
Dwarf (16), 0.89%
Green (1163), 65.13%
Red (2), 0.11%
White (544), 30.46%

Final 2012 Facts:

The final 2012 treatment set included 1,786 ash trees.

Those ash trees had a DBH total of 19,108 inches.

There were 1,403 ash trees that measured seven (7) inches or greater in diameter.

The 1,403 ash trees had a DBH total of 17,176 inches.

These ash trees were both soil treated and trunk injected.

Included in the soil treatments were the 45 trees that were removed prior to trunk injections.

Total soil treated inches were 19,569.

The removed trees totaled 461 inches and are not part of the final inch count.

There were 383 ash trees that measured less than seven (7) inches in diameter.

The 383 ash trees had a DBH total of 1,932 inches.

These ash trees were soil treated only.

Soil treatments were completed over the course of March 31 – April 9, 2012.

Trunk injections were completed over the course of May 10 – 29, 2012.

The total cost for 2012 treatments was \$74,271.65.

	TOTAL TREES	TOTAL INCHES	TREES W/ TRUNK	TRUNK INCHES	TOTAL COST
2010	1,853	16,619	1,142	13,454	-
2011	1,835	19,056	1,390	16,855	\$72,699.50
2012	1,786	19,108	1,403	17,176	\$74,271.65

2013

Emerald Tree Care LLC performed an updated inventory of the Emerald Ash Borer Treatment Contract. Between the fall of 2012 and the spring of 2013, it was discovered that an additional 62 trees were lost from the final 2012 treatment set, dropping the list to 1,724 total ash trees for 2013.

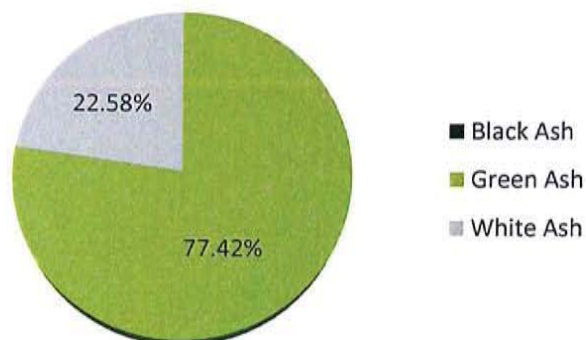
TAG	ADDRESS	SPECIES	WARD	DBH	COMMENTS
14	212 FULTON ST	GREEN	1	23	Lost in bad storms. (WC)
30	303 FULTON ST	WHITE	1	11	Lost in bad storms. (WC)
58	233 WOODBORO DR	GREEN	1	12	Lost in bad storms. (WC)
69	304 EASTON AVE	GREEN	1	25	Tree has been cut down. (WC)
184	308 ARBOR AVE	WHITE	1	15	Lost in bad storms. (WC)
247	615 JOLIET ST	GREEN	2	47	Lost in bad storms. (WC)
294	135 E FOREST AVE	WHITE	2	12	Tree has been cut down. (WC)
297	330 E FOREST AVE	GREEN	2	27	Tree has been cut down. (WC)
676	249 WOODSIDE DR	GREEN	4	15	Lost in bad storms. (WC)
677	266 WOODSIDE DR	GREEN	4	15	Lost in bad storms. (WC)
689	1040 WILLOW CREEK RD	GREEN	4	22	Lost in bad storms. (WC)
710	1009 WILLOW CREEK RD	GREEN	4	14	Lost in bad storms. (WC)
769	930 JACOB CT	GREEN	4	10	Lost in bad storms. (WC)
770	930 JACOB CT	GREEN	4	9	Lost in bad storms. (WC)
815	315 E NATIONAL ST	GREEN	4	32	Lost in bad storms. (WC)
822	534 HIGHLAND AVE	GREEN	4	25	Lost in bad storms. (WC)
830	535 CLAREMONT AVE	GREEN	4	38	Lost in bad storms. (WC)
831	532 CLAREMONT AVE	WHITE	4	35	Lost in bad storms. (WC)
832	523 CLAREMONT AVE	GREEN	4	23	Lost in bad storms. (WC)
833	512 CLAREMONT AVE	GREEN	4	19	Lost in bad storms. (WC)
834	512 CLAREMONT AVE	GREEN	4	25	Lost in bad storms. (WC)
835	515 CLAREMONT AVE	GREEN	4	24	Lost in bad storms. (WC)
840	549 ELITE AVE	GREEN	4	31	Lost in bad storms. (WC)
843	533 ELITE AVE	GREEN	4	34	Lost in bad storms. (WC)
845	523 ELITE AVE	GREEN	4	24	Lost in bad storms. (WC)
855	29W454 RAY AVE	GREEN	4	25	Lost in bad storms. (WC)
858	542 INGALTON AVE	GREEN	4	24	Lost in bad storms. (WC)
863	530 INGALTON AVE	GREEN	4	27	Lost in bad storms. (WC)
869	812 GROVE AVE	WHITE	4	9	Lost in bad storms. (WC)
870	812 GROVE AVE	WHITE	4	9	Lost in bad storms. (WC)
876	806 GROVE AVE	WHITE	4	7	Tree has been cut down. (WC)
886	800 E ELMWOOD AVE	WHITE	4	9	Lost in bad storms. (WC)
901	522 E ELMWOOD AVE	GREEN	4	23	Lost in bad storms. (WC)
909	430 ELITE AVE	GREEN	4	22	Lost in bad storms. (WC)
918	448 CLAREMONT AVE	GREEN	4	49	Lost in bad storms. (WC)
923	420 CLAREMONT AVE	GREEN	4	31	Lost in bad storms. (WC)
933	223 E GRAND LAKE BLVD	GREEN	4	28	Lost in bad storms. (WC)
934	223 E GRAND LAKE BLVD	GREEN	4	28	Lost in bad storms. (WC)
936	223 E GRAND LAKE BLVD	GREEN	4	33	Lost in bad storms. (WC)
981	235 INGALTON AVE	GREEN	4	30	Lost in bad storms. (WC)

997	257 N OAK ST	GREEN	4	17	Lost in bad storms. (WC)
1003	940 HAMPTON COURSE	WHITE	5	11	Lost in bad storms. (WC)
1031	700 HAMPTON COURSE	GREEN	5	10	Lost in bad storms. (WC)
1123	937 ACADEMY LN	GREEN	5	9	Lost in bad storms. (WC)
1124	921 ACADEMY LN	GREEN	5	8	Lost in bad storms. (WC)
1193	1305 E HAWTHORNE LN	GREEN	5	13	Lost in bad storms. (WC)
1196	1305 E HAWTHORNE LN	GREEN	5	14	Lost in bad storms. (WC)
1216	1130 RIDGEWOOD DR	GREEN	5	14	Lost in bad storms. (WC)
1340	501 MEADOWVIEW DR	GREEN	5	8	Lost in bad storms. (WC)
1413	1101 GATES ST	WHITE	6	12	Lost in bad storms. (WC)
1433	1660 WHISPERING OAKS DR	GREEN	6	8	Lost in bad storms. (WC)
1451	1376 WHITE OAK LN	WHITE	7	4	Tree has been cut down. (WC)
1453	1353 WHITE OAK LN	WHITE	7	6	Homeowner removed tree. (HO)
1530	337 LAUREL LN	GREEN	7	6	Lost in bad storms. (WC)
1536	289 POST OAK CIR	GREEN	7	6	Lost in bad storms. (WC)
1546	99999 SHINGLE OAK DR	WHITE	7	6	Lost in bad storms. (WC)
1773	99999 BAINBRIDGE BLVD	WHITE	7	3	Lost in bad storms. (WC)
1993	2870 CULVER LN	GREEN	7	8	Lost in bad storms. (WC)
1994	2870 CULVER LN	GREEN	7	9	Lost in bad storms. (WC)
1998	2900 CULVER LN	GREEN	7	9	Lost in bad storms. (WC)
2176	2465 FAIRCHILD LN	GREEN	7	11	Lost in bad storms. (WC)
2413	150 N PRINCE CROSSING RD	GREEN	5	48	Removed for Water Tower. (WC)

To summarize the 62 removals:

- Sixty-one (61) ash trees had to be removed by the City of West Chicago due to storm damage between the end of trunk injections in 2012 and the start of soil treatments in 2013.
- One (1) ash tree was removed by a homeowner; it seemed as though the reasoning was to allow for an expansion of their driveway.

2012-13 Removed Ash Trees

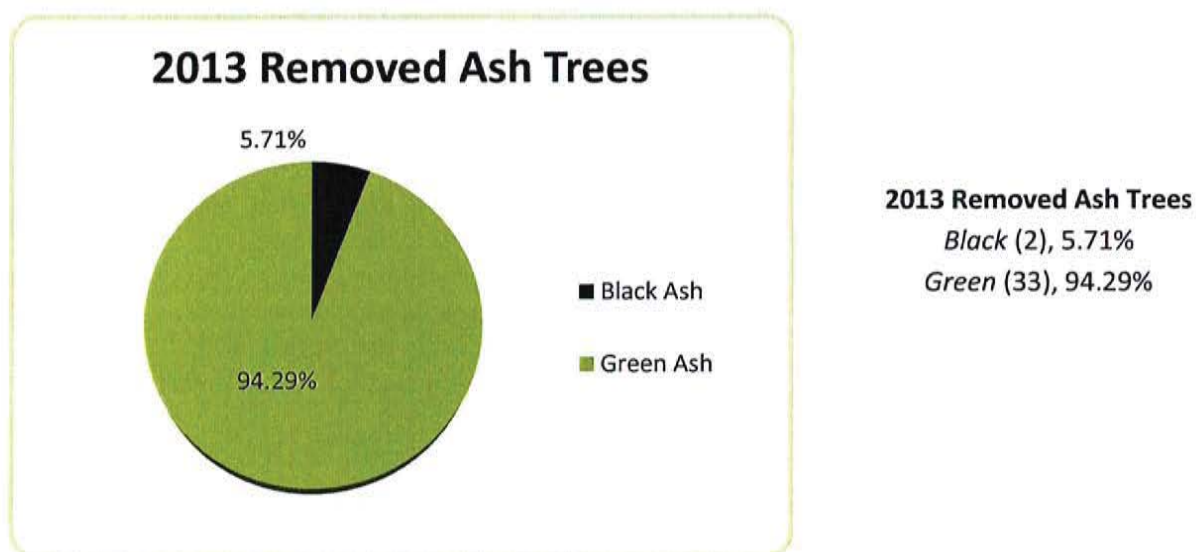


2012-13 Removed Ash Trees

Black (0), 0.00%
Green (48), 77.42%
White (14), 22.58%

Once the 2013 soil treatments were completed (April 15 – 25, 2013), *Emerald Tree Care LLC* performed an evaluation of the treatment set. Wayne expected this to be a very revealing evaluation, as successes and failures would begin to show. The ash trees had received full treatments in 2011 (late) and 2012 (timely), and also the 2013 soil treatment. As before, the treatment set categorized the 1,724 ash trees into three categories: good (green), **watch (yellow)**, and **remove (red)**.

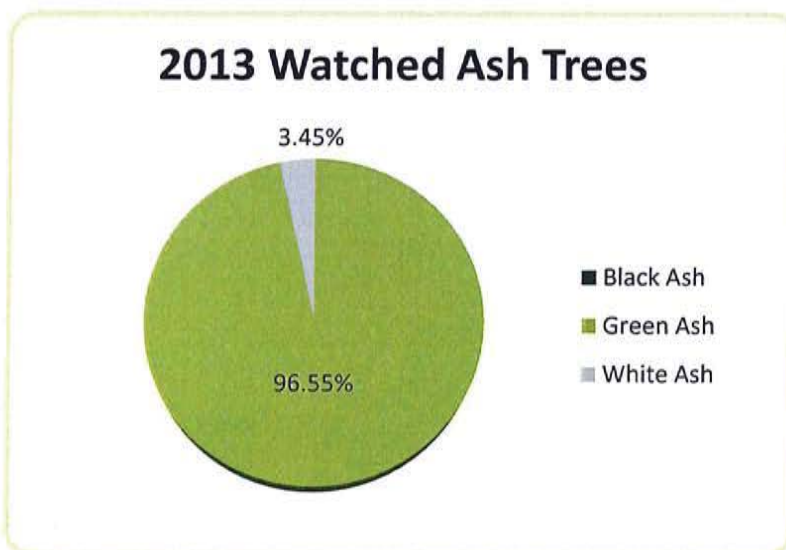
The evaluation results **removed** 35 ash trees from the contract. This finalized the 2013 treatment set to consist of 1,689 ash trees. See below for a species breakdown and individual listing of the 35 removals. Of the 35 removals, 15 of them were on the **watch list** in 2012.



TAG	ADDRESS	SPECIES	WARD	COND	DBH
78	370 JENICE CT	GREEN	1	R	17
102	934 JERI LN	GREEN	1	R	5
229	349 E POMEROY ST	GREEN	2	R	17
251	220 W POMEROY ST	BLACK	2	R	8
270	725 GATES ST	GREEN	2	R	22
310	900 S OAK ST	GREEN	2	R	34
379	813 W FOREST AVE	GREEN	3	R	22
422	475 CHURCH ST	GREEN	3	R	20
447	238 CHURCH ST	GREEN	3	R	32
462	303 CHURCH ST	BLACK	3	R	6
517	1250 W WASHINGTON ST	GREEN	3	R	21
526	397 CHARLES CT	GREEN	3	R	19
540	1295 HELENA DR	GREEN	3	R	21
572	99999 COMMERCE DR	GREEN	3	R	16
587	525 INDUSTRIAL DR	GREEN	4	R	15
810	435 ARBOR AVE	GREEN	4	R	29
1030	700 HAMPTON COURSE	GREEN	5	R	10
1086	851 HIGH RIDGE DR	GREEN	5	R	9

1088	900 DUNHAM DR	GREEN	5	R	7
1092	900 DUNHAM DR	GREEN	5	R	9
1094	851 DUNHAM DR	GREEN	5	R	8
1114	910 DUNHAM DR	GREEN	5	R	8
1115	910 DUNHAM DR	GREEN	5	R	8
1416	1004 S OAK ST	GREEN	6	R	25
1423	1235 BISHOP ST	GREEN	6	R	17
1612	330 INDIANWOOD LN	GREEN	7	R	11
1617	2025 CHEROKEE DR	GREEN	7	R	10
1669	617 TANAGER LN	GREEN	7	R	13
1788	2953 BRAEMORE DR	GREEN	7	R	7
1811	2324 ALAMANCE DR	GREEN	7	R	7
2000	2936 CULVER LN	GREEN	7	R	9
2042	2420 LINDSAY CT	GREEN	7	R	10
2081	2791 FOXFIELD DR	GREEN	7	R	8
2144	2495 BARNHART ST	GREEN	7	R	10
2188	2709 SUDBURY CT	GREEN	7	R	8

The evaluation results placed 29 ash trees on a **watch list**. See below for a species breakdown and individual listing of the 29 trees being monitored.



2013 Watched Ash Trees

Black (0), 0.00%

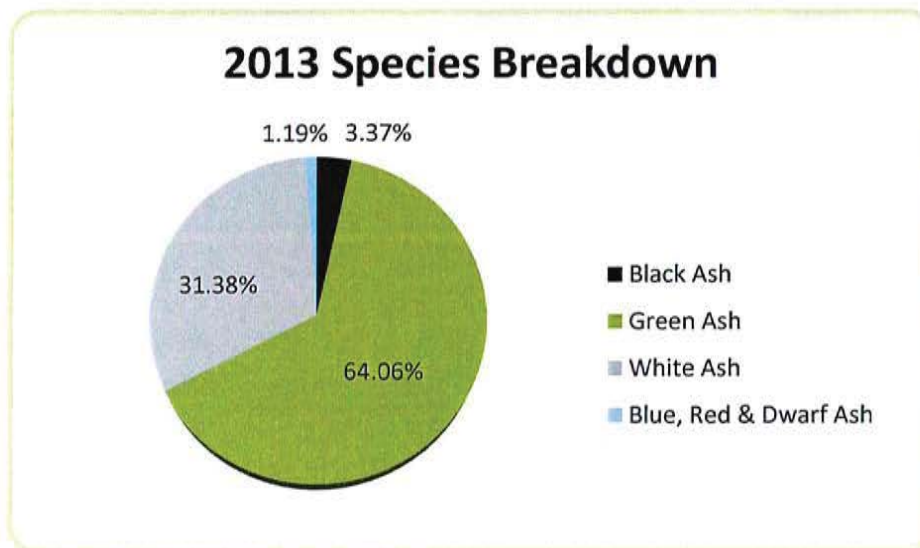
Green (28), 96.55%

White (1), 3.45%

TAG	ADDRESS	SPECIES	WARD	COND	DBH
76	361 JENICE CT	GREEN	1	Y	12
79	375 JENICE CT	GREEN	1	Y	14
81	383 JENICE CT	GREEN	1	Y	13
82	380 JENICE CT	GREEN	1	Y	16
98	917 JERI LN	WHITE	1	Y	8
110	888 LAWRENCE AVE	GREEN	1	Y	16
224	526 E STIMMEL ST	GREEN	2	Y	20

262	806 S OAK ST	GREEN	2	Y	17
269	515 E LESTER ST	GREEN	2	Y	23
357	718 LYMAN ST	GREEN	3	Y	20
380	779 TOWN RD	GREEN	3	Y	13
394	518 LYMAN ST	GREEN	3	Y	18
410	423 ANN ST	GREEN	3	Y	12
425	447 CHURCH ST	GREEN	3	Y	18
457	99999 W WASHINGTON ST	GREEN	3	Y	22
458	99999 W WASHINGTON ST	GREEN	3	Y	19
477	521 HARRISON ST	GREEN	3	Y	40
525	444 CHARLES CT	GREEN	3	Y	13
846	522 ELITE AVE	GREEN	4	Y	21
847	515 ELITE AVE	GREEN	4	Y	24
902	448 ELITE AVE	GREEN	4	Y	31
924	420 CLAREMONT AVE	GREEN	4	Y	23
970	351 E WASHINGTON ST	GREEN	4	Y	14
1019	620 HAMPTON COURSE	GREEN	5	Y	9
1379	505 NAGEL CT	GREEN	5	Y	8
1415	1004 S OAK ST	GREEN	6	Y	17
1659	761 TANAGER LN	GREEN	7	Y	15
1662	716 TANAGER LN	GREEN	7	Y	14
2098	2705 LEHMAN DR	GREEN	7	Y	8

Upon completion of the 2013 treatments, the 1,689 ash trees in the Emerald Ash Borer Treatment Contract fell into this species breakdown.



Species Breakdown

Black (57), 3.37%
Blue (2), 0.11%
Dwarf (16), 0.94%
Green (1082), 64.06%
Red (2), 0.11%
White (530), 31.38%

Final 2013 Facts:

The final 2013 treatment set included 1,689 ash trees.

Those ash trees had a DBH total of 17,870 inches.

There were 1,349 ash trees that measured seven (7) inches or greater in diameter.

The 1,349 ash trees had a DBH total of 16,139 inches.

These ash trees were both soil treated and trunk injected.

Included in the soil treatments were the 35 trees that were removed prior to trunk injections.

Total soil treated inches were 18,388.

The removed trees totaled 503 inches and are not part of the final inch count.

There were 338 ash trees that measured less than seven (7) inches in diameter.

The 338 ash trees had a DBH total of 1,731 inches.

These ash trees were only soil treated.

Soil treatments were completed over the course of April 15 – 25, 2013.

Trunk injections were completed over the course of May 25 – June 3, 2013.

The total cost for 2013 treatments was \$69,788.10.

	TOTAL TREES	TOTAL INCHES	TREES W/ TRUNK	TRUNK INCHES	TOTAL COST
2010	1,853	16,619	1,142	13,454	-
2011	1,835	19,056	1,390	16,855	\$72,699.50
2012	1,786	19,108	1,403	17,176	\$74,271.65
2013	1,689	17,870	1,349	16,139	\$69,788.19

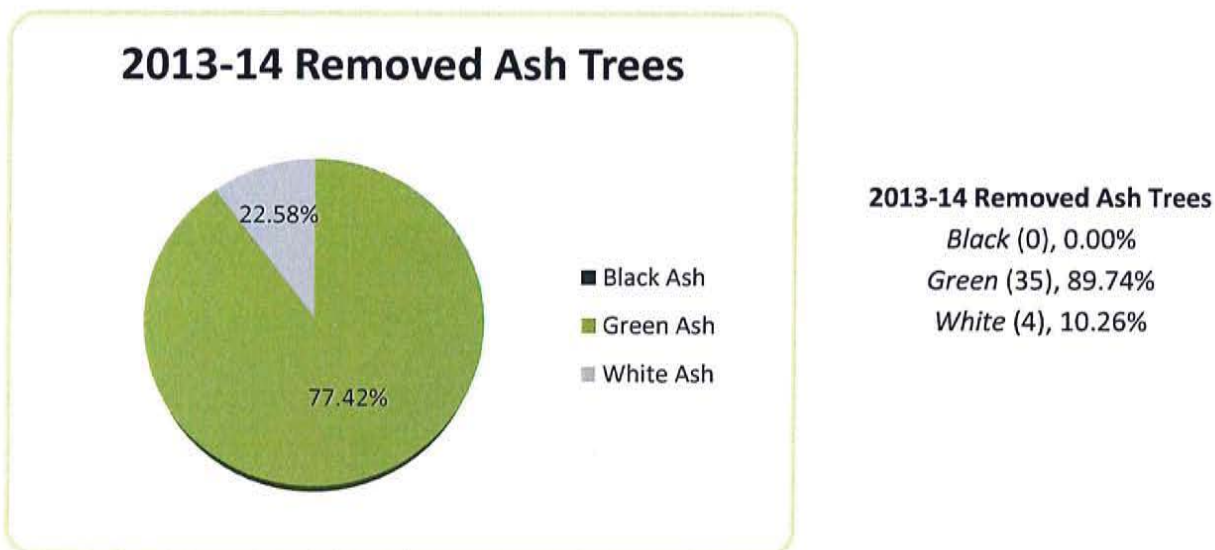
2014

Emerald Tree Care LLC performed an updated inventory of the Emerald Ash Borer Treatment Contract. Between the fall of 2013 and the spring of 2014, it was discovered that an additional 39 trees were lost from the final 2013 treatment set, dropping the list to 1,650 total ash trees for 2014.

TAG	ADDRESS	SPECIES	WARD	DBH	COMMENTS
235	315 E POMEROY ST	GREEN	2	37	Removed - WC
262	806 S OAK ST	GREEN	2	17	Removed - ETC
280	721 BISHOP ST	GREEN	2	28	Removed - WC
357	718 LYMAN ST	GREEN	3	20	Removed - ETC
380	779 TOWN RD	GREEN	3	13	Removed - ETC
396	430 W STIMMEL ST	GREEN	3	5	Removed - WC
425	447 CHURCH ST	GREEN	3	18	Removed - ETC
429	319 SHERMAN ST	WHITE	3	41	Removed - WC
431	408 SHERMAN ST	WHITE	3	39	Removed - WC
450	326 JOLIET ST	GREEN	3	45	Removed - WC
457	99999 W WASHINGTON ST	GREEN	3	22	Removed - ETC
458	99999 W WASHINGTON ST	GREEN	3	19	Removed - ETC
498	396 WEGNER DR	GREEN	3	19	Removed - WC
897	418 INGALTON AVE	GREEN	4	37	Removed - WC
902	448 ELITE AVE	GREEN	4	31	Removed - ETC
917	448 CLAREMONT AVE	GREEN	4	35	Removed - WC
1109	850 DUNHAM DR	GREEN	5	9	Removed - WC
1387	915 DUNHAM DR	GREEN	5	8	Removed - WC
1467	1374 SWEETBAY LN	WHITE	7	9	Removed - WC
1511	422 POST OAK CIR	GREEN	7	5	Removed - WC
1516	331 HERITAGE WOODS DR	GREEN	7	6	Removed - WC
1620	2015 CHEROKEE DR	GREEN	7	13	Removed - WC
1622	2005 CHEROKEE DR	GREEN	7	10	Removed - WC
1631	2000 ARAPAHO DR	WHITE	7	11	Removed - WC
1768	99999 BAINBRIDGE BLVD	GREEN	7	10	Removed - WC
1844	2470 WYETH DR	GREEN	7	8	Removed - WC
1846	2467 WYETH DR	GREEN	7	10	Removed - WC
1949	2973 ANDRUS DR	GREEN	7	6	Removed - WC
1983	2889 CAMDEN DR	GREEN	7	5	Removed - WC
1999	2909 CULVER LN	GREEN	7	9	Removed - WC
2112	2620 LEHMAN DR	GREEN	7	9	Removed - WC
2114	2610 LEHMAN DR	GREEN	7	9	Removed - WC
2179	2470 FAIRCHILD LN	GREEN	7	10	Removed - WC
235	315 E POMEROY ST	GREEN	2	37	Removed - WC
262	806 S OAK ST	GREEN	2	17	Removed - ETC
280	721 BISHOP ST	GREEN	2	28	Removed - WC
357	718 LYMAN ST	GREEN	3	20	Removed - ETC
380	779 TOWN RD	GREEN	3	13	Removed - ETC
396	430 W STIMMEL ST	GREEN	3	5	Removed - WC

To summarize the 39 removals:

- Thirty-one (31) ash trees had to be removed by the City of West Chicago due to multiple reasons. (Storm damage, Emerald Ash Borer damage, etc. caught between the end of trunk injections in 2013 and the start of soil treatments in 2014.)
- Eight (8) ash trees had to be removed by *Emerald Tree Care LLC*, as it was clear they had not responded to prior treatment.



For the first time since the 2011 treatment, there was another ash tree discovered that was not part of the *Graf Tree Care* 2010 inventory. Wayne made the call to do the soil treatment, and it will be included in the evaluation prior to trunk injections. This brings the total ash trees in West Chicago to 1,651.

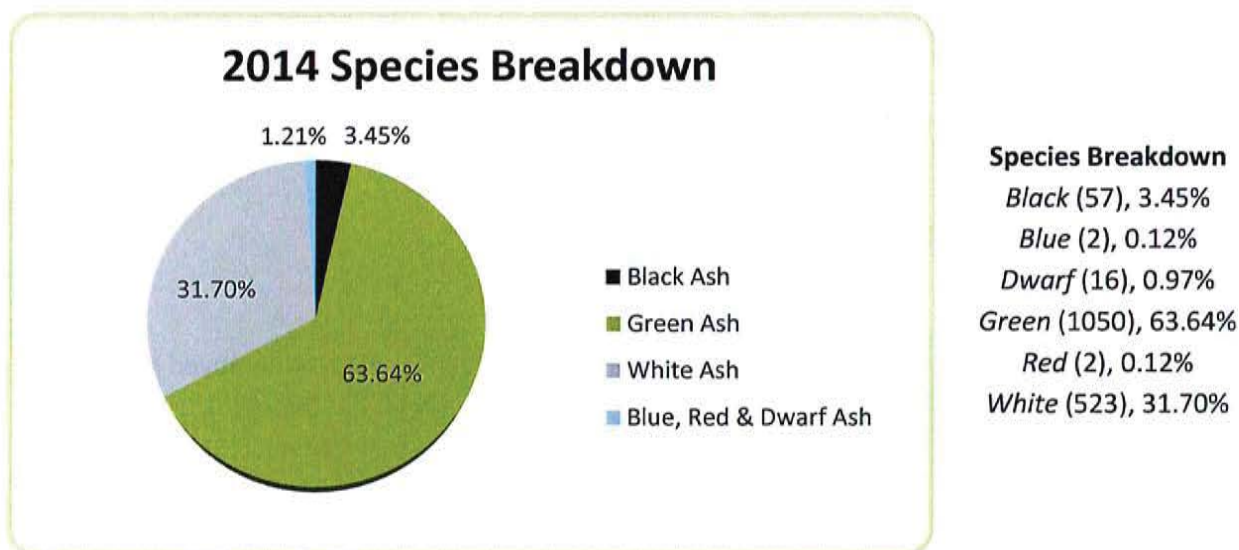
TAG	ADDRESS	SPECIES	WARD	COND	DBH
ADD	318 VINE ST	GREEN	3	TBD	13

Once the 2014 soil treatments were completed (April 10 – 20, 2014), *Emerald Tree Care LLC* performed an evaluation of the treatment set. As before, the treatment set categorized the 1,651 ash trees into three categories: good (green), watch (yellow), and remove (red).

The evaluation results removed 1 ash tree from the contract. This finalized the 2014 treatment set to consist of 1,650 ash trees. See below for the individual listing of the removal.

TAG	ADDRESS	SPECIES	WARD	COND	DBH
483	385 FENTON LN	WHITE	3	R	13

Upon completion of the 2014 treatments, the 1,650 ash trees in the Emerald Ash Borer Treatment Contract fell into this species breakdown.



Final 2014 Facts:

The final 2014 treatment set included 1,650 ash trees.

Those ash trees had a DBH total of 18,154 inches.

There were 1,412 ash trees that measured seven (7) inches or greater in diameter.

The 1,412 ash trees had a DBH total of 16,888 inches.

These ash trees were both soil treated and trunk injected.

There were 239 ash trees that measured less than seven (7) inches in diameter.

The 239 ash trees had a DBH total of 1,266 inches.

These ash trees were only soil treated.

Soil treatments were completed over the course of April 10 – 20, 2014.

Trunk injections were completed over the course of May 29 – June 3, 2014.

The total cost for 2014 treatments was \$71,683.95.

	TOTAL TREES	TOTAL INCHES	TREES W/ TRUNK	TRUNK INCHES	TOTAL COST
2010	1,853	16,619	1,142	13,454	-
2011	1,835	19,056	1,390	16,855	\$72,699.50
2012	1,786	19,108	1,403	17,176	\$74,271.65
2013	1,689	17,870	1,349	16,139	\$69,788.19
2014	1,650	18,154	1,412	16,888	\$71,683.95

2015

Emerald Tree Care LLC performed an updated inventory of the Emerald Ash Borer Treatment Contract. Between the fall of 2014 and the spring of 2015, it was discovered that an additional 60 trees were lost from the final 2014 treatment set, dropping the list to 1,590 total ash trees for 2015.

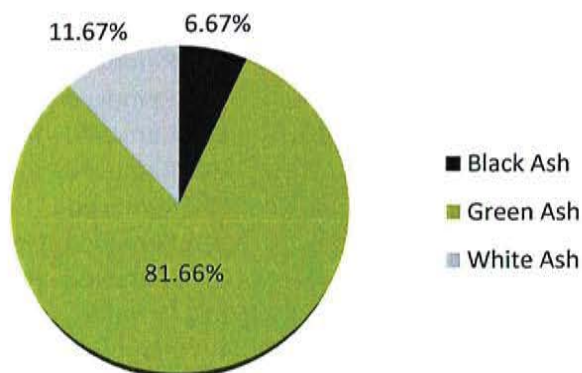
TAG	ADDRESS	SPECIES	WARD	DBH	COMMENTS
17	321 FULTON ST	Green	1	27	WC Removed
36	402 E WASHINGTON ST	Green	1	30	WC Removed
76	361 JENICE CT	Green	1	13	WC Removed
79	375 JENICE CT	Green	1	14	WC Removed
81	383 JENICE CT	Green	1	14	WC Removed
82	380 JENICE CT	Green	1	17	WC Removed
157	412 KAMMES CT	Green	1	8	WC Removed
158	418 KAMMES CT	Green	1	7	ETC Removed - Ruined
213	119 E STIMMEL ST	Green	2	39	ETC Removed - Ruined
243	106 E POMEROY ST	White	2	35	WC Removed
269	515 E LESTER ST	Green	2	23	ETC Removed - Ruined
308	501 GLEN AVE	White	2	4	WC Removed
355	862 BRENTWOOD DR	Green	3	14	WC Removed
394	518 LYMAN ST	Green	3	19	ETC Removed - Ruined
454	102 W GENEVA ST	Green	3	38	ETC Removed - Ruined
491	495 WEGNER DR	White	3	16	Root system failure.
711	1009 WILLOW CREEK RD	Green	4	14	WC Removed
716	1005 ACORN HILL LN	Black	4	8	WC Removed
846	522 ELITE AVE	Green	4	21	ETC Removed - Ruined
890	821 WENDALL AVE	Green	4	11	ETC Removed - Ruined
891	811 WENDALL AVE	Green	4	15	ETC Removed - Ruined
914	522 E ELMWOOD AVE	Green	4	25	WC Removed
924	420 CLAREMONT AVE	Green	4	23	WC Removed
949	229 E YORK AVE	Green	4	17	WC Removed
950	229 SOPHIA ST	Green	4	23	WC Removed
968	323 E WASHINGTON ST	Green	4	14	WC Removed
970	351 E WASHINGTON ST	Green	4	15	ETC Removed - Ruined
979	303 INGALTON AVE	Green	4	22	WC Removed
1020	630 HAMPTON COURSE	Green	5	8	ETC Removed - Ruined
1039	641 HAMPTON COURSE	Green	5	8	ETC Removed - Ruined
1040	811 HIGH RIDGE DR	Green	5	8	ETC Removed - Ruined
1056	941 HIGH RIDGE DR	Green	5	10	ETC Removed - Ruined
1063	910 MEADOW RIDGE DR	Green	5	9	ETC Removed - Ruined
1122	953 ACADEMY LN	White	5	6	WC Removed
1134	924 ACADEMY LN	Green	5	6	ETC Removed - Ruined
1135	921 ACADEMY LN	Green	5	7	ETC Removed - Ruined
1138	940 ACADEMY LN	Green	5	6	ETC Removed - Ruined
1162	805 PIONEER CT	Green	5	6	WC Removed
1166	627 HICKORY LN	Green	5	5	ETC Removed - Ruined
1167	627 HICKORY LN	Green	5	5	ETC Removed - Ruined

1185	920 ROSEWOOD DR	Black	6	7	WC Removed
1186	920 ROSEWOOD DR	Black	6	5	WC Removed
1241	1117 LILLIAN LN	Green	5	7	WC Removed
1387	915 KNOLLWOOD LN	Green	5	8	WC Removed
1398	1105 ELIZABETH ST	Black	6	7	WC Removed
1415	1004 S OAK ST	Green	6	17	ETC Removed - Ruined
1521	211 POST OAK CIR	White	7	6	WC Removed
1582	3N130 ATLANTIC DR	White	7	6	WC Removed
1659	761 Tanager LN	Green	7	16	ETC Removed - Ruined
1722	2361 CHICKADEE CT	Green	7	14	WC Removed
1727	1201 W HAWTHORNE LN	Green	7	11	ETC Removed - Ruined
1737	99999 SMITH RD	Green	7	10	ETC Removed - ComEd
1888	2965 BLANCHARD LN	Green	7	6	ETC Removed - Ruined
1892	2713 HAVENS DR	Green	7	6	ETC Removed - Ruined
1914	2667 BAINBRIDGE BLVD	Green	7	6	ETC Removed - Ruined
1917	2676 BAINBRIDGE BLVD	Green	7	9	ETC Removed - Ruined
1925	2712 BRIARGATE CT	Green	7	6	WC Removed
2083	2800 FOXFIELD DR	Green	7	6	ETC Removed - Ruined
2169	2336 FAIRCHILD LN	Green	7	7	ETC Removed - Ruined
ADD	348 HERITAGE WOODS DR	White	7	6	WC Removed

To summarize the 60 removals:

- Thirty (30) ash trees had to be removed by the City of West Chicago due to multiple reasons. (Storm damage, Emerald Ash Borer damage, etc. caught between the end of trunk injections in 2014 and the start of soil treatments in 2015.)
- Twenty-eight (28) ash trees had to be removed by *Emerald Tree Care LLC*, as instead of improving, they had declined to a point where the overall tree structure was compromised.
- Two (2) additional ash trees had to be removed by *Emerald Tree Care LLC* for other reasons. One tree was butchered by ComEd and was no longer worth treating from a structural standpoint, and one tree had a root system failure – girdled roots.

2014-15 Removed Ash Trees



2014-15 Removed Ash Trees

Black (4), 6.67%
Green (49), 81.66%
White (7), 11.67%

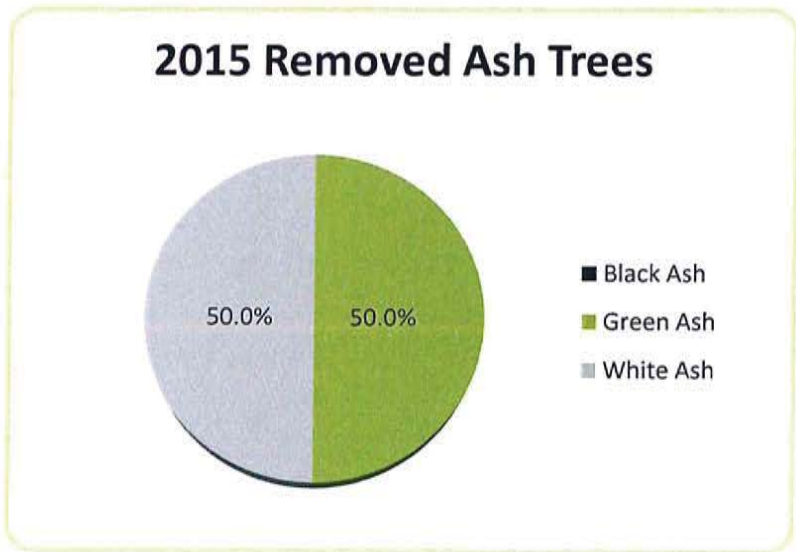
It may be of interest to note that of the 60 removals, 21 of them were recorded as under (7) inches in diameter (prior to 2015 treatment) and were never large enough to be trunk injected.

After the 2014 treatments were completed, there was another ash tree discovered during the fall evaluation that was not part of the original *Graf Tree Care* 2010 inventory. Wayne made the call to include it in the treatment set. This brings the total ash trees in West Chicago to 1,591.

TAG	ADDRESS	SPECIES	WARD	COND	DBH
ADD	1410 NAGEL CT	GREEN	3	TBD	6

Once the 2015 soil treatments were completed (March 21 – April 11, 2015), *Emerald Tree Care LLC* performed an evaluation of the treatment set. As before, the treatment set categorized the 1,591 ash trees into three categories: good (green), watch (yellow), and remove (red).

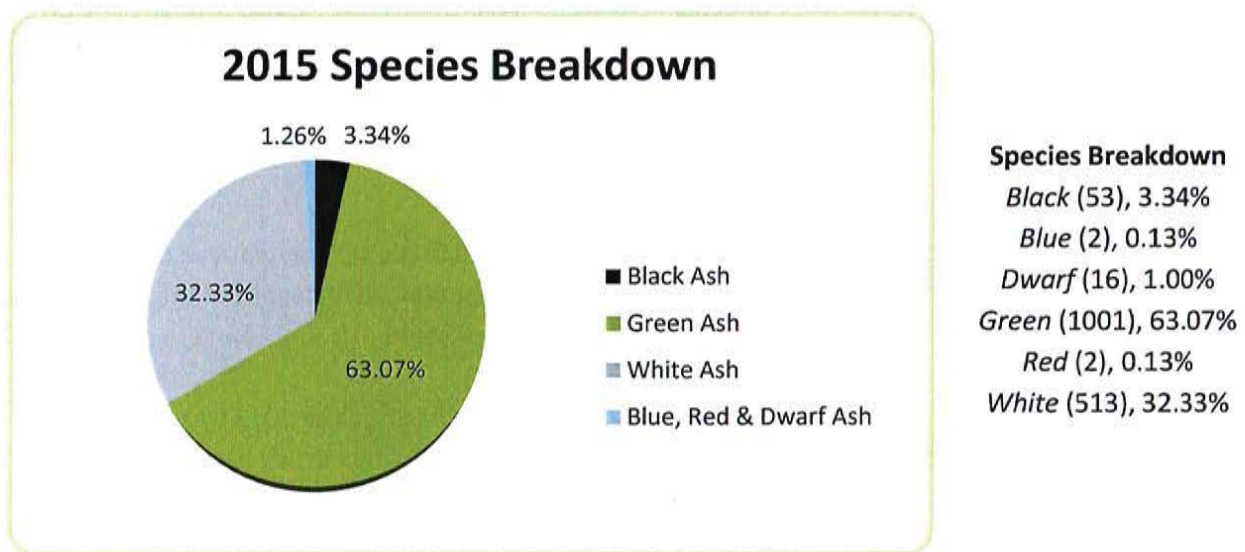
The evaluation results removed 4 ash trees from the contract. This finalized the 2015 treatment set to consist of 1,587 ash trees. See below for a species breakdown and individual listing of the 4 removals.



2015 Removed Ash Trees
Black (0), 0.0%
Green (2), 50.0%
White (2), 50.0%

TAG	ADDRESS	SPECIES	WARD	COND	DBH
584	320 INDUSTRIAL DR	WHITE	4	R	16
729	890 APPLGATE AVE	WHITE	4	R	10
1880	3043 BLANCHARD LN	GREEN	7	R	8
1959	2940 DAVENPORT DR	GREEN	7	R	10

Upon completion of the 2015 treatments, the 1,587 ash trees in the Emerald Ash Borer Treatment Contract fell into this species breakdown.



Final 2015 Facts:

The final 2015 treatment set included 1,587 ash trees.

Those ash trees had a DBH total of 18,222 inches.

There were 1,454 ash trees that measured seven (7) inches or greater in diameter.

The 1,454 ash trees had a DBH total of 16,888 inches.

These ash trees were both soil treated and trunk injected.

Included in the soil treatments were the 4 trees that were removed prior to trunk injections.

Total soil treated inches were 18,266.

The removed trees totaled 44 inches and are not part of the final inch count.

There were 133 ash trees that measured less than seven (7) inches in diameter.

The 133 ash trees had a DBH total of 1,266 inches.

These ash trees were only soil treated.

Soil treatments were completed over the course of March 21 – April 11, 2015.

Trunk injections were completed over the course of June 2 – 18, 2015.

The total cost for 2015 treatments was \$73,602.80.

	TOTAL TREES	TOTAL INCHES	TREES W/ TRUNK	TRUNK INCHES	TOTAL COST
2010	1,853	16,619	1,142	13,454	-
2011	1,835	19,056	1,390	16,855	\$72,699.50
2012	1,786	19,108	1,403	17,176	\$74,271.65
2013	1,689	17,870	1,349	16,139	\$69,788.19
2014	1,650	18,154	1,412	16,888	\$71,683.95
2015	1,587	18,222	1,454	16,888	\$73,602.80

Fall 2015

Wayne performed an additional review in Fall 2015. This was done to closely examine the quality of the ash trees in West Chicago. In our residential treatments, *Emerald Tree Care LLC* has been running into some very frustrating situations due to lack of knowledge in the landscape field. Many homeowners “adopt” the trees in their parkway into their personal landscape design, and it’s hurting the West Chicago parkway trees – **not just ash**. Homeowners or landscapers that put more than 2-3 inches of mulch around the base of a tree, allowing the mulch to come into contact with the bark, are going to cause long-term problems for your trees. In some of the newer developed neighborhoods, Prestonfield as an example, there are homeowners that have built “stone coffins” around their trees.



Although physically attractive, there are some that are two to three feet high. On the smaller trees, which we have already seen are failing from the fact we haven’t been able to treat them aggressively, we don’t even know if the soil treatment makes it to the root system, or if it gets hung up in the three feet of mulch that it has to pass through.

West Chicago is entering its last two years of preapproved treatments. We are at the point where we need final decisions on what kinds of EAB damage we are going to continue nursing, and what kinds of EAB damage we are going to give up on.

Emerald Tree Care LLC performed a fall review of the ash trees. Between the completion of the trunk injections in June 2015 and Wayne's review in October 2015, West Chicago had removed (9) trees from the treatment set, dropping the list to 1,578 total ash trees for 2016. (WC Removals listed below.)

TAG	ADDRESS	SPECIES	WARD	DBH	COMMENTS
35	305 MAIN ST	Green	1	12	WC Removed
74	618 HILLVIEW CT	Green	1	13	WC Removed
404	338 ANN ST	Green	3	19	WC Removed
732	880 APPLGATE AVE	Green	4	9	WC Removed
900	502 INGALTON AVE	Dwarf Green	4	5	WC Removed
1137	924 ACADEMY LN	Green	5	6	WC Removed
1223	995 RIDGEWOOD DR	Green	5	14	WC Removed
1997	2894 CULVER LN	Green	7	11	WC Removed
1266	131 AMBER CT	White	5	14	WC Removed – Split Crotch

For the first time in his review process, Wayne put the 1,578 ash trees into four categories:

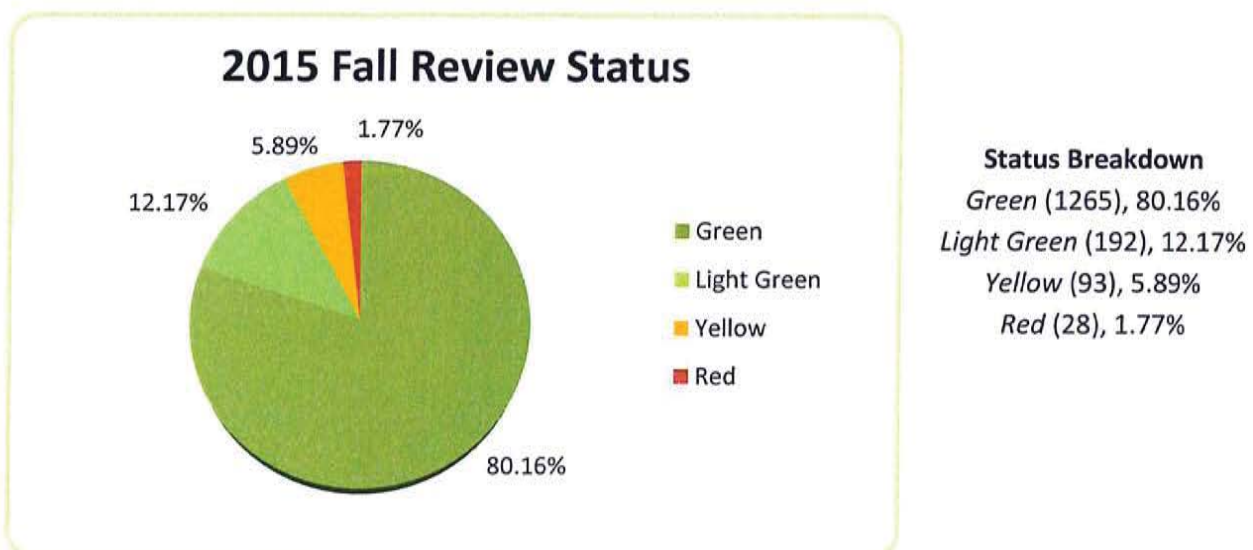
(G) **Green** – Ash trees in 'good' status.

(L) **Light Green** – Ash trees that could be in 'good' status if pruned. This category includes the ash trees that do not look 'good' because of some minor dead branches. Without pruning, the tree can appear stressed or as if it is not responding to treatment. Some minor maintenance is suggested.

(Y) **Yellow** – Ash trees that are 'a bit weaker.' This category includes the trees that need some attention by both West Chicago and *Emerald Tree Care LLC* in 2016 once the trees have leafed out. These trees need a decision: is it worth it to prune out the dead to preserve what treatments were able to protect, or is it better to remove the tree all together?

(R) **Red** – Ash trees that should be 'removed.'

Upon completion of the 2015 fall review, the 1,578 ash trees fell into these rating categories:



2016

With the additional removal suggestions from the fall review, the final expected treatment list for spring 2016 includes 1,550 ash trees.

Updated 2016 measurements have not been taken yet, and will be made at the time of 2016 treatment.

Projected 2016 Information:

The current 2016 treatment set is made up of 1,550 ash trees.

Those ash trees have a DBH total of 17,813 inches (based on 2015 measurements).

There are 1,425 ash trees that measure seven (7) inches or greater in diameter.

The 1,425 ash trees have a DBH total of 17,141 inches (based on 2015 measurements).

These ash trees are to be both soil treated and trunk injected.

There are 125 ash trees that measure less than seven (7) inches in diameter.

The 125 ash trees have a DBH total of 672 inches (based on 2015 measurements).

These ash trees are to be only soil treated.

Soil treatments will be completed: between March 15 and April 30. (Weather permitting.)

Trunk injections will be completed: between May 15 and June 30. (Weather permitting.)

Without factoring in potential growth or additional removals, the total projected cost for 2016 emerald ash borer treatments is \$71,975.15.