Source Legal Documents (Attachment F)

F.1 Deed
F.2 Certified Survey Map
F.3 Verification of Zoning
F.4 Signed Statement

ATTACHMENT F.1

Deed

Document Number	SPECIAL WARRANTY DEED Document Name

Document #: **2464135**
Date: 05-09-2017 Time: 11:48 AM Pages: 8
Fee: $30.00 County: RACINE State: WI
Requesting Party: First American Title Insurance Company - NC
Register of Deeds: TYSON FETTES
RACINE COUNTY REGISTER OF DEEDS
Transfer Fee: $36150.00
**The above recording information verifies
this document has been electronically
recorded and returned to First American Title Insurance Compa

Cover Sheet for Special Warranty Deed

Recording Area

Name and Return Address
Grantee
c/o Phillips Edison & Company
11501 Northlake Drive
Cincinnati, Ohio 45249
Attn: Legal Services Department

104-04-23-20-103-110
104-04-23-20-103-130
104-04-23-20-103-150
Parcel Identification Number (PIN)

This **is not** homestead property.
(is) (is not)

THIS INSTRUMENT DRAFTED BY:
Michael J. Levick, Esq.
Levick Legal Group, LLC

THIS INSTRUMENT PREPARED BY:

Michael J. Levick, Esq.
Levick Legal Group, LLC
350 West Hubbard Street, Suite 620
Chicago, IL 60654

AFTER RECORDING RETURN TO:

Grantee
c/o Phillips Edison & Company
11501 Northlake Drive
Cincinnati, Ohio 45249
Attn: Legal Services Department

Tax Key/ID Number(s):
104-04-23-20-103-110
104-04-23-20-103-130
104-04-23-20-103-150

SPECIAL WARRANTY DEED

THIS SPECIAL WARRANTY DEED is made and entered into as of this 5th day of May, 2017, by **IRC GREENTREE, L.L.C.**, a Delaware limited liability company, formerly known as Inland Greentree, LLC, a Delaware limited liability company (hereinafter called the "Grantor"), whose address is c/o IRC Retail Centers LLC, 814 Commerce Drive, Suite 300, Oak Brook, Illinois 60523, to **GREENTREE STATION LLC**, a Delaware limited liability company (hereinafter called the "Grantee"), whose address is c/o Phillips Edison & Company, 11501 Northlake Drive, Cincinnati, Ohio 45249.

W I T N E S S E T H:

THAT the Grantor, for and in consideration of the sum of Ten Dollars ($10.00) and other good and valuable consideration the receipt and sufficiency of which are hereby acknowledged, by these presents does grant, bargain, sell, alien, remise, release, convey and confirm unto the Grantee all that certain land situate in the Village of Caledonia, County of Racine, State of Wisconsin, and being more particularly described on Exhibit A attached hereto and incorporated herein by this reference (the "Property").

TOGETHER with all improvements thereon and all rights, interests, tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

TO HAVE AND TO HOLD the same in fee simple, forever.

This conveyance is subject to the items set forth on Exhibit B.

AND, the Grantor hereby covenants with the Grantee that the Grantor is lawfully seized of

the Property in fee simple; that the Grantor has good right and lawful authority to sell and convey the Property; that the Grantor hereby fully warrants the title to the Property and will defend the same against the lawful claims of all persons whosoever claim by, through or under Grantor, and no others.

IN WITNESS WHEREOF, the Grantor has caused these presents to be executed as of the day and year first above written.

Signed, sealed and delivered
in the presence of:

Print Name: Beth Sprecher Brooks

Print Name: Michael Bedell

GRANTOR:

IRC GREENTREE, L.L.C.,
a Delaware limited liability company

By: Midwest Retail Mezz LLC,
a Delaware limited liability company,
its sole member

By: IRC Retail Centers LLC,
a Delaware limited liability company,
its sole member

By: _____
Name: _____
Its: ~~Authorized Signatory~~ Mark Zalatoris
President
Chief Executive Officer

STATE OF ILLINOIS)
) ss.
COUNTY OF DUPAGE)

BE IT REMEMBERED that on this 3rd day of May, 2017, before me, a Notary Public in and for the said county and state, personally appeared Mark Zalatoris, personally known to be to the person whose name is subscribed to the within instrument and acknowledged to me that s/he executed the same in her/his authorized capacity, and that by her/his signature on the instrument the person, or entity on behalf of which the person acted, executed the instrument.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my notarial seal on the date and year above-mentioned.

Affix Notary Stamp/Seal Below:

"OFFICIAL SEAL"
JILL C. VERBEKE
Notary Public, State of Illinois
My Commission Expires June 22, 2019

Notary Public
DuPage County, Illinois
My commission expires: 6-22-19
Acting in DuPage County, Illinois

EXHIBIT A

Legal Description of the Property

The legal description of the Property herein conveyed pursuant to this Deed consists of Parcels A, B and C as hereinafter described:

PARCEL A:
Parcel 1 of Certified Survey Map No. 1475 recorded on June 29, 1990 in Volume 4 of Certified Survey Maps, at Page 549, as Document No. 1314159, being a redivision of all of Lot 1, and part of Lot 2, Certified Survey Map No. 1446 recorded on November 9, 1989 in Volume 4 of Certified Survey Maps, at page 469, as Document No. 1296776, located in the Southeast Quarter of the Southwest Quarter of Section 20, Township 4 North, Range 23 East. Said land being in the Village of Caledonia, County of Racine, State of Wisconsin.

Excepting therefrom land conveyed by Quit Claim Deed executed by Hallmark G., a Wisconsin General Partnership, to Hallmark G, a Wisconsin General Partnership, dated November 1, 1990 and recorded in the office of the Register of Deeds for Racine, County Wisconsin on November 12, 1990 in Volume 2042 of Records, at page 255, as Document No. 1325178, being described therein as follows:

Part of Parcel 1 of Certified Survey Map No. 1475, recorded on June 29, 1990 in Volume 4, pages 549-554, as Document No. 1314159, more particularly described as follows: All that part of the Southwest Quarter of Section 20, Township 4 North, Range 23 East, more fully described as follows: Commencing at the South Quarter corner of said Section 20; thence North 00°28'33" West along the East line of said Southwest Quarter, 820.00 feet to the point of beginning of the hereinafter described lands; thence South 89°31'27" West, 66.00 feet to a point; thence South 00°28'33" East, 136.45 feet to a point; thence West 89.60 feet to a point; thence North, 120.00 feet to a point; thence West, 195.00 feet to a point; thence South 62.00 feet to a point; thence West, 336.50 feet to a point; thence North, 471.00 feet to a point; thence West 161.83 feet to a point of curvature; thence 101.73 feet along the arc of curve to the left with a radius of 200.00 feet, whose chord bears South 75°25'42" West, 100.64 feet to a point of tangency; thence South 60°51'24" West, (South 60°51'23" West) 139.98 feet to a point on the Easterly right-of-way line of State Trunk Highway "32" (Douglas Avenue); thence along said Easterly right-of-way 227.35 feet along the arc of a curve to the left, with a radius of 1205.92 feet, whose chord bears North 33°27'02.5" West, 227.02 feet to a point being on the North line of the South One Half of said Southwest Quarter; thence North 89°03'24" East, (Deeded as South 89°42' East) 1,188.53 feet along the north line of the South Half of said Southwest Quarter; thence South 00°28'33" East along the East line of said Southwest Quarter, 507.52 feet to the place of beginning. Said land being in the Village of Caledonia, County of Racine, State of Wisconsin.

Address: 5111 Douglas Avenue, Racine, Wisconsin 53402
Tax Key/ID No.: 104-04-23-20-103-110

PARCEL B:
Parcel 3 of Certified Survey Map No. 1475 recorded on June 29, 1990 in Volume 4 of Certified Survey Maps, at Page 549, as Document No. 1314159, being a redivision of all of Lot 1, and part of Lot 2, Certified Survey Map No. 1446 recorded on November 9, 1989 in Volume 4 of Certified Survey Maps, at page 469, as Document No. 1296776, located in the Southeast Quarter of the Southwest Quarter of Section 20, Township 4 North, Range 23 East. Said land being in the Village of Caledonia, County of Racine, State of Wisconsin.

Address: 5125 Douglas Avenue, Racine, Wisconsin 53402
Tax Key/ID No.: 104-04-23-20-103-130

PARCEL C:
Parcel 5 of Certified Survey Map No. 1476, recorded on June 29, 1990 in Volume 4 of Certified Survey Maps, at Page 555, as Document No. 1314160, being a part of Lot 2, Certified Survey Map No. 1446, Volume 4, Pages 469-473, located in the Southeast Quarter of Section 20, Township 4 North, Range 23 East. Said land being in the Village of Caledonia, County of Racine, State of Wisconsin.

Address: 5055 Douglas Avenue, Racine, Wisconsin 53402
Tax Key/ID No. 104-04-23-20-103-150

End of Exhibit A

EXHIBIT B

List of Permitted Exceptions

1. Any laws, regulations or ordinances presently in effect (including, but not limited to, zoning, building and environmental protection) as to the use, occupancy, subdivision or improvement of the Property adopted or imposed by any governmental body or the effect of any noncompliance with or any violation thereof.

2. The rights of existing tenants, as tenants only, under existing written, unrecorded space leases, without any options to purchase, rights of first refusal, or similar rights to acquire all or any part of the Property.

3. Real estate taxes, vault charges and water and sewer charges for the year 2017 and subsequent years which are a lien but not yet due and payable.

4. Lake Michigan Drainage Assessments, if any, under Resolution Creating Storm Sewer Utility District, Lake Michigan District, Town of Caledonia, Racine County, Wisconsin recorded December 4, 1984 in Volume 1735, page 933, as Document No. 1159885.

5. Terms, conditions, provisions, easements, right to purchase and restrictions as set forth in Memorandum of Lease by and between Hallmark Leasing and Kohl's Food Stores recorded on November 9, 1989 in Volume 1988, page 519, as Document No. 1296789, along with Second Amendment to Lease recorded on October 19, 1993 in Volume 2305, page 524, as Document No. 1439279, and Third Amendment to Lease recorded on October 5, 1994 in Volume 2405, page 561, as Document No. 1481828 and Third Amendment to Lease recorded on October 6, 1994 in Volume 2406, page 38, as Document No. 1482062, and Fifth Amendment to Lease recorded August 28, 1998 in Volume 2805, page 645, as Document No. 1643309, and Sixth Amendment to Lease recorded October 7, 1999 in Volume 2968, page 320, as Document No. 1704082.

6. Utility Easement granted to Wisconsin Electric Power Company recorded on January 29, 1990 in Volume 1998, page 815, as Document No. 1302318.

7. Terms, conditions and provisions as set forth in Easement for ingress and egress by and between Joel J. Kinlow and M&I Bank of Racine recorded August 26, 1985 in Volume 1764, page 432, as Document No. 1175717, as amended by Driveway Easement Agreement recorded July 3, 1990 in Volume 2021, page 920, as Document No. 1314433, and recorded again July 16, 1990 in Volume 2023, page 501, as Document No. 1315306, and Amendment to Driveway Easement Agreement recorded October 29, 1991 in Volume 2100, page 835, as Document No. 1354392.

8. Easement for Ingress and Egress and Notes as set forth on Certified Survey Map No. 1476.

9. First refusal to purchase option as set forth in Memorandum of Lease by and between Hallmark G and K Mart Corporation recorded August 20, 1990 in Volume 2029, page 413,

as Document No. 1318343.

10. Utility Easement granted to Wisconsin Electric Power Company recorded on November 19, 1990 in Volume 2043, page 233, as Document No. 1325701.

11. Terms, conditions, provisions and expenses as set forth in Declaration of Easements and Outlot Restrictions for Greentree Center recorded November 11, 1991 in Volume 2103, page 382, as Document No. 1355564, along with First Amendment to Declaration of Easements and Outlot Restrictions for Greentree Centre recorded October 5, 1994 in Volume 2405, page 556, as Document No. 1481827, and Second Amendment to Declaration of Easements and Outlot Restrictions for Green Tree Center recorded August 23, 1998 in Volume 2805, page 653, as Document No. 1643310, and Third Amendment to Declaration of Easements and Outlot Restrictions for Greentree Center recorded January 29, 2001 in Volume 3112, page 771, as Document No. 1756618.

12. Distribution Easement Overhead/Underground Joint granted to Wisconsin Electric Power Company and Wisconsin Bell, Inc. recorded October 22, 1993 in Volume 2306, page 970, as Document No. 1439809.

13. Distribution Easement Underground Joint Easement granted to Wisconsin Electric Power Company and Wisconsin Bell, Inc. d/b/a Ameritech recorded on August 9, 1994 in Volume 2393, page 60, as Document No. 1476038.

14. Mutual Easement Agreement for utilities by and between Hallmark G and Hallmark M recorded October 5, 1994 in Volume 2405, page 550, as Document No. 1481826 and recorded again December 19, 1994 in Volume 2419, page 928, as Document No. 1488315.

15. Memorandum of Lease along with right of first refusal and option to purchase by and between Hallmark G and McDonald's Corporation recorded October 5, 1994 in Volume 2405, page 578, as Document No. 1481830, along with Revised Memorandum of Lease recorded December 19, 1994 in Volume 2419, page 240, as Document No. 1488317, and First Amendment to Ground Lease recorded December 19, 1994, in Volume 2419, page 945, as Document No. 1488318, and Supplement to Lease recorded March 27, 1995 in Volume 2435, page 800, as Document No. 1495722, and Covenant not to Compete recorded October 6, 1994 in Volume 2406, page 43, as Document No. 1482063, and Covenant not to Compete recorded December 19, 1994 in Volume 2419, page 935, as Document No. 1488316.

16. Terms, conditions, restrictions and provisions as set forth in Reciprocal Easement Agreement by and between MSI Caledonia, LLC, M&I Marshall & Ilsley Bank, Hallmark G and Hallmark M recorded January 29, 2001 in Volume 3112, page 741, as Document No. 1756617.

17. Distribution Easement Underground Joint granted to Wisconsin Electric Power Company & Wisconsin Bell, Inc. d/b/a Ameritech-Wisconsin recorded April 25, 2001 in Volume 3163, page 27, as Document No. 1768347.

18. Resolution Creating North Park Water Utility District of the Village of Caledonia recorded February 13, 2006, as Document No. 2072270.

19. Resolution Creating North Park Sewer Utility District of the Village of Caledonia recorded February 13, 2006, as Document No. 2072272.

20. Resolution Creating Caledonia East Water Utility District and Caledonia East Sewer Utility District for the Village of Caledonia adopted March 20, 2007, recorded April 4, 2007, as Document No. 2126809, along with an Affidavit of Correction recorded April 26, 2007, as Document No. 2129598.

21. Resolution Creating Caledonia Water Utility District & Caledonia Sewer Utility District recorded October 19, 2010, as Document No. 2265167, along with Affidavit of Correction recorded November 16, 2010, as Document No. 2268473.

22. All matters as disclosed by an ALTA/NSPS survey made by Dan J. Kuehl, License No. 3104-8 of Xcel Consultants on behalf of U.S. Surveyor on October 28, 2016, last revised February 3, 2017, designated Job No. 8851370:

23. Terms and provisions of that certain Reciprocal Easement Agreement by and between Grantor and Grantee executed as of even date hereof and to be recorded subsequent to the recording of this Deed.

End of Exhibit B

ALTA/NSPS LAND TITLE SURVEY

NOTES CORRESPONDING TO SCHEDULE B

AS PER COMMITMENT NO. NCS–823752–CHI2 DATED JANUARY 02, 2017 FROM FIRST AMERICAN TITLE INSURANCE COMPANY

(10) THIS ITEM HAS BEEN INTENTIONALLY DELETED.

(11) LAKE MICHIGAN DRAINAGE ASSESSMENTS, IF ANY, UNDER RESOLUTION CREATING STORM SEWER UTILITY DISTRICT, LAKE MICHIGAN DISTRICT, TOWN OF CALEDONIA, RACINE COUNTY, WISCONSIN RECORDED DECEMBER 4, 1984 IN VOLUME 1735, PAGE 933, AS DOCUMENT NO. 1159885. BLANKET IN NATURE– NOTHING TO PLOT

(12) THIS ITEM HAS BEEN INTENTIONALLY COMBINED WITH ITEM 16 BELOW.

(13) TERMS, CONDITIONS, PROVISIONS, EASEMENTS, RIGHT TO PURCHASE AND RESTRICTIONS AS SET FORTH IN MEMORANDUM OF LEASE BY AND BETWEEN HALLMARK LEASING AND KOHL'S FOOD STORES RECORDED ON NOVEMBER 9, 1989 IN VOLUME 1988, PAGE 519, AS DOCUMENT NO. 1296789, ALONG WITH SECOND AMENDMENT TO LEASE RECORDED ON OCTOBER 19, 1993 IN VOLUME 2305, PAGE 524, AS DOCUMENT NO. 1439279, AND THIRD AMENDMENT TO LEASE RECORDED ON OCTOBER 5, 1994 IN VOLUME 2405, PAGE 561, AS DOCUMENT NO. 1481828 AND THIRD AMENDMENT TO LEASE RECORDED ON OCTOBER 6, 1994 IN VOLUME 2406, PAGE 38, AS DOCUMENT NO. 1482062, AND FIFTH AMENDMENT TO LEASE RECORDED AUGUST 28, 1998 IN VOLUME 2805, PAGE 645, AS DOCUMENT NO. 1643309, AND SIXTH AMENDMENT TO LEASE RECORDED OCTOBER 7, 1999 IN VOLUME 2968, PAGE 320, AS DOCUMENT NO. 1704082. BLANKET IN NATURE– NOTHING TO PLOT

(14) UTILITY EASEMENT GRANTED TO WISCONSIN ELECTRIC POWER COMPANY RECORDED ON JANUARY 29, 1990 IN VOLUME 1998, PAGE 815, AS DOCUMENT NO. 1302318. ITEM LOCATED ON SUBJECT PROPERTY – AS SHOWN

(15) THIS ITEM HAS BEEN INTENTIONALLY DELETED.

(16) TERMS, CONDITIONS AND PROVISIONS AS SET FORTH IN DRIVEWAY EASEMENT AGREEMENT RECORDED JULY 3, 1990 IN VOLUME 2021, PAGE 920, AS DOCUMENT NO. 1314433, AND RECORDED AGAIN JULY 16, 1990 IN VOLUME 2023, PAGE 501, AS DOCUMENT NO. 1315306, AND AMENDMENT TO DRIVEWAY EASEMENT AGREEMENT RECORDED OCTOBER 29, 1991 IN VOLUME 2100, PAGE 835, AS DOCUMENT NO. 1354392. ITEM LOCATED ON ADJACENT PROPERTY, BENEFITING SUBJECT PROPERTY – AS SHOWN

(17) THIS ITEM HAS BEEN INTENTIONALLY DELETED.

(18) THIS ITEM HAS BEEN INTENTIONALLY DELETED.

(19) PROPOSED EASEMENT FOR INGRESS AND EGRESS AND NOTES AS SET FORTH ON CERTIFIED SURVEY MAP NO. 1476. ITEM LOCATED ON SUBJECT PROPERTY – AS SHOWN

(20) CONDITIONS, COVENANTS, AGREEMENTS AND FIRST REFUSAL TO PURCHASE OPTION AS SET FORTH IN MEMORANDUM OF LEASE BY AND BETWEEN HALLMARK G AND K MART CORPORATION RECORDED AUGUST 20, 1990 IN VOLUME 2029, PAGE 413, AS DOCUMENT NO. 1318343. BLANKET IN NATURE– NOTHING TO PLOT

(21) UTILITY EASEMENT GRANTED TO WISCONSIN ELECTRIC POWER COMPANY RECORDED ON NOVEMBER 19, 1990 IN VOLUME 2043, PAGE 233, AS DOCUMENT NO. 1325701. ITEM LOCATED ON SUBJECT PROPERTY – AS SHOWN

(22) TERMS, CONDITIONS, PROVISIONS AND EXPENSES AS SET FORTH IN DECLARATION OF EASEMENTS AND OUTLOT RESTRICTIONS FOR GREENTREE CENTER RECORDED NOVEMBER 11, 1991 IN VOLUME 2103, PAGE 382, AS DOCUMENT NO. 1355564, ALONG WITH FIRST AMENDMENT TO DECLARATION OF EASEMENTS AND OUTLOT RESTRICTIONS FOR GREENTREE CENTRE RECORDED OCTOBER 5, 1994 IN VOLUME 2405, PAGE 556, AS DOCUMENT NO. 1481827, AND SECOND AMENDMENT TO DECLARATION OF EASEMENTS AND OUTLOT RESTRICTIONS FOR GREEN TREE CENTER RECORDED AUGUST 28, 1998 IN VOLUME 2805, PAGE 653, AS DOCUMENT NO. 1643310, AND THIRD AMENDMENT TO DECLARATION OF EASEMENTS AND OUTLOT RESTRICTIONS FOR GREENTREE CENTER RECORDED JANUARY 29, 2001 IN VOLUME 3112, PAGE 771, AS DOCUMENT NO. 1756618. ITEM LOCATED ON SUBJECT PROPERTY – AS SHOWN

(23) DISTRIBUTION EASEMENT OVERHEAD/UNDERGROUND JOINT GRANTED TO WISCONSIN ELECTRIC POWER COMPANY AND WISCONSIN BELL, INC. RECORDED OCTOBER 22, 1993 IN VOLUME 2306, PAGE 970, AS DOCUMENT NO. 1439809. ITEM LOCATED ON SUBJECT PROPERTY – AS SHOWN

(24) DISTRIBUTION EASEMENT UNDERGROUND JOINT EASEMENT GRANTED TO WISCONSIN ELECTRIC POWER COMPANY AND WISCONSIN BELL, D/B/A AMERITECH RECORDED ON AUGUST 9, 1994 IN VOLUME 2393, PAGE 60, AS DOCUMENT NO. 1476038. ITEM LOCATED ON SUBJECT PROPERTY – AS SHOWN

(25) MUTUAL EASEMENT AGREEMENT FOR UTILITIES BY AND BETWEEN HALLMARK G AND HALLMARK M RECORDED OCTOBER 5, 1994 IN VOLUME 2405, PAGE 550, AS DOCUMENT NO. 1481826 AND RECORDED AGAIN DECEMBER 19, 1994 IN VOLUME 2419, PAGE 928, AS DOCUMENT NO. 1488315. ITEM LOCATED ON SUBJECT PROPERTY – AS SHOWN

(26) MEMORANDUM OF LEASE ALONG WITH RIGHT OF FIRST REFUSAL AND OPTION TO PURCHASE BY AND BETWEEN HALLMARK G AND MCDONALD'S CORPORATION RECORDED OCTOBER 5, 1994 IN VOLUME 2405, PAGE 578, AS DOCUMENT NO. 1481830, ALONG WITH REVISED MEMORANDUM OF LEASE RECORDED DECEMBER 19, 1994 IN VOLUME 2419, PAGE 240, AS DOCUMENT NO. 1488317, AND FIRST AMENDMENT TO GROUND LEASE RECORDED DECEMBER 19, 1994 IN VOLUME 2419, PAGE 945, AS DOCUMENT NO. 1488318, AND SUPPLEMENT TO LEASE RECORDED MARCH 27, 1995 IN VOLUME 2435, PAGE 800, AS DOCUMENT NO. 1495722, AND COVENANT NOT TO COMPETE RECORDED OCTOBER 6, 1994 IN VOLUME 2406, PAGE 43, AS DOCUMENT NO. 1482063, AND COVENANT NOT TO COMPETE RECORDED DECEMBER 19, 1994 IN VOLUME 2419, PAGE 935, AS DOCUMENT NO. 1488316. ITEM LOCATED ON SUBJECT PROPERTY (PARCEL 2) – AS SHOWN

(27) TERMS, CONDITIONS, RESTRICTIONS AND PROVISIONS AS SET FORTH IN RECIPROCAL EASEMENT AGREEMENT BY AND BETWEEN MSI CALEDONIA, LLC; M&I MARSHALL & ILSLEY BANK, HALLMARK G AND HALLMARK M RECORDED JANUARY 29, 2001 IN VOLUME 3112, PAGE 741, AS DOCUMENT NO. 1756617. ITEM LOCATED ON SUBJECT PROPERTY – AS SHOWN

(28) THIS ITEM HAS BEEN INTENTIONALLY DELETED.

(29) THIS ITEM HAS BEEN INTENTIONALLY DELETED.

(30) DISTRIBUTION EASEMENT UNDERGROUND JOINT GRANTED TO WISCONSIN ELECTRIC POWER COMPANY & WISCONSIN BELL, INC. D/B/A AMERITECH–WISCONSIN RECORDED APRIL 25, 2001 IN VOLUME 3163, PAGE 27, AS DOCUMENT NO. 1768347. ITEM LOCATED ON SUBJECT PROPERTY – AS SHOWN

(31) RESOLUTION CREATING NORTH PARK WATER UTILITY DISTRICT OF THE VILLAGE OF CALEDONIA RECORDED FEBRUARY 13, 2006, AS DOCUMENT NO. 2072270. BLANKET IN NATURE– NOTHING TO PLOT

(32) RESOLUTION CREATING NORTH PARK SEWER UTILITY DISTRICT OF THE VILLAGE OF CALEDONIA RECORDED FEBRUARY 13, 2006, AS DOCUMENT NO. 2072272. BLANKET IN NATURE– NOTHING TO PLOT

(33) RESOLUTION CREATING CALEDONIA EAST WATER UTILITY DISTRICT AND CALEDONIA EAST SEWER UTILITY DISTRICT FOR THE VILLAGE OF CALEDONIA ADOPTED MARCH 20, 2007, RECORDED APRIL 4, 2007, AS DOCUMENT NO. 2126809, ALONG WITH AN AFFIDAVIT OF CORRECTION RECORDED APRIL 26, 2007, AS DOCUMENT NO. 2129598. BLANKET IN NATURE– NOTHING TO PLOT

(34) RESOLUTION CREATING CALEDONIA WATER UTILITY DISTRICT & CALEDONIA SEWER UTILITY DISTRICT RECORDED OCTOBER 19, 2010, AS DOCUMENT NO. 2265167, ALONG WITH AFFIDAVIT OF CORRECTION RECORDED NOVEMBER 16, 2010, AS DOCUMENT NO. 2268473. BLANKET IN NATURE– NOTHING TO PLOT

(38) THIS ITEM HAS BEEN INTENTIONALLY DELETED.

(39) THIS ITEM HAS BEEN INTENTIONALLY DELETED.

LEGAL DESCRIPTION

PARCEL A:

PARCEL 1 OF CERTIFIED SURVEY MAP NO. 1475 RECORDED ON JUNE 29, 1990 IN VOLUME 4 OF CERTIFIED SURVEY MAPS, AT PAGE 549, AS DOCUMENT NO. 1314159, BEING A REDIVISION OF ALL OF LOT 1, AND PART OF LOT 2, CERTIFIED SURVEY MAP NO. 1446 RECORDED ON NOVEMBER 9, 1989 IN VOLUME 4 OF CERTIFIED SURVEY MAPS, AT PAGE 469, AS DOCUMENT NO. 1296776, LOCATED IN THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 20, TOWNSHIP 4 NORTH, RANGE 23 EAST, SAID LAND BEING IN THE VILLAGE OF CALEDONIA, COUNTY OF RACINE, STATE OF WISCONSIN.

EXCEPTING THEREFROM LAND CONVEYED BY QUIT CLAIM DEED EXECUTED BY HALLMARK G., A WISCONSIN GENERAL PARTNERSHIP, TO HALLMARK G, A WISCONSIN GENERAL PARTNERSHIP, DATED NOVEMBER 1, 1990 AND RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS FOR RACINE, COUNTY WISCONSIN ON NOVEMBER 12, 1990 IN VOLUME 2042 OF RECORDS, AT PAGE 255, AS DOCUMENT NO. 1325178, BEING DESCRIBED THEREIN AS FOLLOWS:

PART OF PARCEL 1 OF CERTIFIED SURVEY MAP NO. 1475, RECORDED ON JUNE 29, 1990 IN VOLUME 4, PAGES 549– 554, AS DOCUMENT NO. 1314159, MORE PARTICULARLY DESCRIBED AS FOLLOWS: ALL THAT PART OF THE SOUTHWEST QUARTER OF SECTION 20, TOWNSHIP 4 NORTH, RANGE 23 EAST, MORE FULLY DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTH QUARTER CORNER OF SAID SECTION 20; THENCE NORTH 00°28'33" WEST ALONG THE EAST LINE OF SAID SOUTHWEST QUARTER, 820.00 FEET TO THE POINT OF BEGINNING OF THE HEREINAFTER DESCRIBED LANDS; THENCE SOUTH 89°31'27" WEST, 66.00 FEET TO A POINT; THENCE SOUTH 00°28'33" EAST, 136.45 FEET TO A POINT; THENCE WEST 89.60 FEET TO A POINT; THENCE NORTH, 120.00 FEET TO A POINT; THENCE WEST, 195.00 FEET TO A POINT; THENCE SOUTH 62.00 FEET TO A POINT; THENCE WEST, 336.50 FEET TO A POINT; THENCE NORTH, 471.00 FEET TO A POINT; THENCE WEST 161.83 FEET TO A POINT OF CURVATURE; THENCE 101.73 FEET ALONG THE ARC OF CURVE TO THE LEFT WITH A RADIUS OF 200.00 FEET, WHOSE CHORD BEARS SOUTH 75°25'42" WEST, 100.64 FEET TO A POINT OF TANGENCY; THENCE SOUTH 60°51'24" WEST, (SOUTH 60°51'23" WEST) 139.98 FEET TO A POINT ON THE EASTERLY RIGHT–OF–WAY LINE OF STATE TRUNK HIGHWAY "32" (DOUGLAS AVENUE); THENCE ALONG SAID EASTERLY RIGHT–OF–WAY 227.35 FEET ALONG THE ARC OF A CURVE TO THE LEFT, WITH A RADIUS OF 1205.92 FEET, WHOSE CHORD BEARS NORTH 33°27'02.5" WEST, 227.02 FEET TO A POINT BEING ON THE NORTH LINE OF THE SOUTH ONE HALF OF SAID SOUTHWEST QUARTER; THENCE NORTH 89°03'24" EAST, (DEEDED AS SOUTH 89°42' EAST) 1,188.53 FEET ALONG THE NORTH LINE OF THE SOUTH HALF OF SAID SOUTHWEST QUARTER; THENCE SOUTH 00°28'33" EAST ALONG THE EAST LINE OF SAID SOUTHWEST QUARTER, 507.52 FEET TO THE PLACE OF BEGINNING. SAID LAND BEING IN THE VILLAGE OF CALEDONIA, COUNTY OF RACINE, STATE OF WISCONSIN.

ADDRESS: 5111 DOUGLAS AVENUE
TAX KEY: 104–04–23–20–103–110

PARCEL B:

PARCEL 3 OF CERTIFIED SURVEY MAP NO. 1475 RECORDED ON JUNE 29, 1990 IN VOLUME 4 OF CERTIFIED SURVEY MAPS, AT PAGE 549, AS DOCUMENT NO. 1314159, BEING A REDIVISION OF ALL OF LOT 1, AND PART OF LOT 2, CERTIFIED SURVEY MAP NO. 1446 RECORDED ON NOVEMBER 9, 1989 IN VOLUME 4 OF CERTIFIED SURVEY MAPS, AT PAGE 469, AS DOCUMENT NO. 1296776, LOCATED IN THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 20, TOWNSHIP 4 NORTH, RANGE 23 EAST, SAID LAND BEING IN THE VILLAGE OF CALEDONIA, COUNTY OF RACINE, STATE OF WISCONSIN.

ADDRESS: 5125 DOUGLAS AVENUE
TAX KEY: 104–04–23–20–103–130

PARCEL C:

DRIVEWAY EASEMENT FOR THE BENEFIT OF PARCELS A, B AND D AS SET FORTH IN EASEMENT BY AND BETWEEN JOEL J. KINLOW AND M&I BANK OF RACINE RECORDED AUGUST 26, 1985 IN VOLUME 1764, PAGE 432, AS DOCUMENT NO. 1175717, AS AMENDED BY DRIVEWAY EASEMENT AGREEMENT RECORDED JULY 3, 1990 IN VOLUME 2021, PAGE 920, AS DOCUMENT NO. 1314433, AND RECORDED AGAIN JULY 16, 1990 IN VOLUME 2023, PAGE 501, AS DOCUMENT NO. 1315306, AND AMENDMENT TO DRIVEWAY EASEMENT AGREEMENT RECORDED OCTOBER 29, 1991 IN VOLUME 2100, PAGE 835, AS DOCUMENT NO. 1354392.

PARCEL D:

PARCEL 5 OF CERTIFIED SURVEY MAP NO. 1476, RECORDED ON JUNE 29, 1990 IN VOLUME 4 OF CERTIFIED SURVEY MAPS, AT PAGE 555, AS DOCUMENT NO. 1314160, BEING A PART OF LOT 2, CERTIFIED SURVEY MAP NO. 1446, VOLUME 4, PAGES 469–473, LOCATED IN THE SOUTHEAST QUARTER OF SECTION 20, TOWNSHIP 4 NORTH, RANGE 23 EAST, SAID LAND BEING IN THE VILLAGE OF CALEDONIA, COUNTY OF RACINE, STATE OF WISCONSIN.

TAX KEY NO. 104–04–23–20–103–150
ADDRESS: 5055 DOUGLAS AVENUE

PARCEL E:

MUTUAL EASEMENT AGREEMENT FOR THE BENEFIT OF PARCEL A FOR UTILITIES BY AND BETWEEN HALLMARK G AND HALLMARK M RECORDED OCTOBER 5, 1994 IN VOLUME 2405, PAGE 550, AS DOCUMENT NO. 1481826 AND RECORDED AGAIN DECEMBER 19, 1994 IN VOLUME 2419, PAGE 928, AS DOCUMENT NO. 1488315.

PARCEL F:

RECIPROCAL EASEMENT AGREEMENT FOR THE BENEFIT OF PARCELS A AND D BY AND BETWEEN MSI CALEDONIA, LLC; M&I MARSHALL & ILSLEY BANK, HALLMARK G AND HALLMARK M RECORDED JANUARY 29, 2001 IN VOLUME 3112, PAGE 741, AS DOCUMENT NO. 1756617.

IMPROVEMENT NOTES

THIS IS A LISTING OF OBSERVED IMPROVEMENTS THAT CROSS DEED LINES. STATEMENT OF OWNERSHIP OR POSSESSION IS NOT THE INTENT OF THIS LISTING.

(A) BUILDING ENCROACHES UP TO 1.5' SOUTHEASTERLY OF THE BUILDING SETBACK LINE

(B) FENCE ENCROACHES UP TO 1.6' WESTERLY OF THE WEST PROPERTY LINE

(C) BUILDING ENCROACHES UP TO 1.9' SOUTHERLY ONTO THE 10.0' ELECTRICAL EASEMENT

SURVEYOR NOTES

NO OBSERVABLE EVIDENCE OF EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS WITHIN RECENT MONTHS.

NO OBSERVABLE CHANGES IN STREET RIGHT–OF–WAY LINES, RECENT STREET OR SIDEWALK REPAIRS.

NO OBSERVABLE EVIDENCE OF WETLANDS.

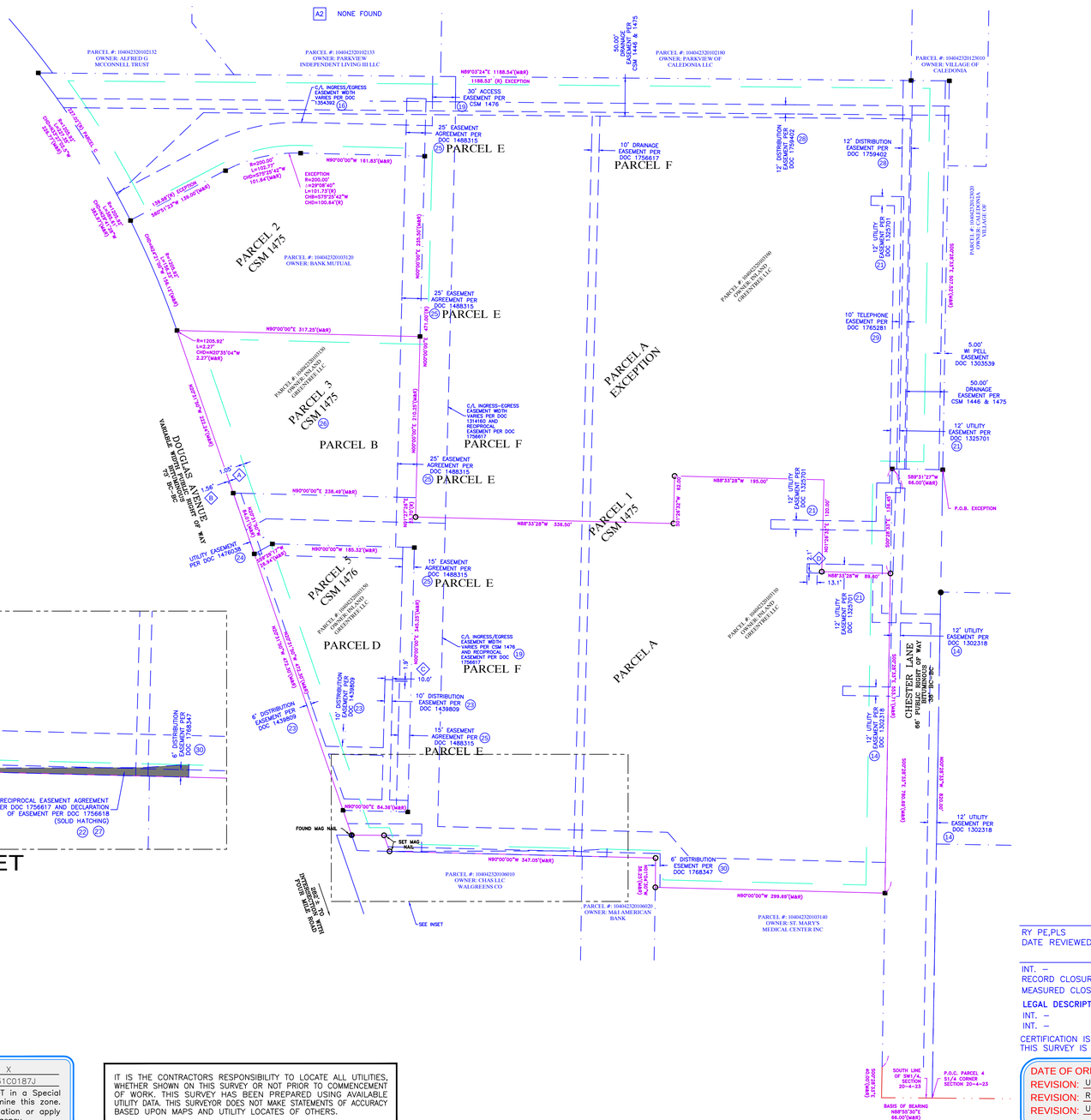
AT THE TIME OF SURVEY, THERE WAS NO EVIDENCE OF PARTY WALLS VISIBLE.

AT THE TIME OF THIS SURVEY AND TITLE REVIEW, THERE WERE NEITHER OFFSITE EASEMENTS NOR SERVITUDES THAT BENEFIT THIS PROPERTY.

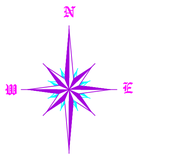
THIS SURVEY IS SUBJECT TO ANY AND ALL ENFORCEABLE RESTRICTIVE COVENANTS.

ITEMS LISTED BELOW MAY REPRESENT AN EASEMENT THAT WAS NOT SHOWN IN SCHEDULE B DOCUMENTS

(A2) NONE FOUND



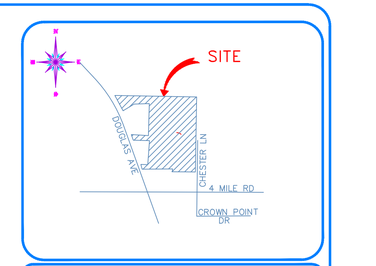
INSET



40' 0' 40' 80'

SCALE: 1" = 40'

THIS DRAWING WAS CREATED TO BE VIEWED IN DWG FORMAT. IF IT IS REPRODUCED OR VIEWED IN PDF OR ANY OTHER ELECTRONIC FORMAT, IT MAY NOT BE TO SCALE



VICINITY MAP

NOT TO SCALE

SITE DATA

ZONING AND RESTRICTIONS SHOWN HEREON WERE OBTAINED BY A GENERAL REQUEST AT THE PUBLIC COUNTER OF THE LOCAL ZONING AUTHORITY. NO REPRESENTATION IS MADE FOR THE ACCURACY OR COMPLETENESS OF SAID THIRD PARTY INFORMATION. THIS FIRM IS NOT AN EXPERT IN THE INTERPRETATION OF COMPLEX ZONING ORDINANCES, COMPLIANCE IS BEYOND THE SCOPE OF THIS SURVEY. ANY USER OF SAID INFORMATION IS URGED TO CONTACT THE LOCAL AGENCY DIRECTLY.

1. ZONING– ZONE B–3, COMMERCIAL
   SETBACKS–
   –FRONT= 25'
   –SIDE= 25'/10'
   –REAR= 25'
   HEIGHT RESTRICTIONS– NOT TO EXCEED 35'
   PARKING PROVIDED–
   –REGULAR= 414 SPACES
   –HANDICAP= 16 SPACES
   TOTAL SPACES PROVIDED= 430
2. VERTICAL DATUM– NAVD88
3. BENCHMARK– NGS DG4839 702.70'
4. AREA = 418,171 S.F. OR 9.60 ACRES

ALTA/NSPS LAND TITLE SURVEY

SURVEYOR'S CERTIFICATION

PHILLIPS EDISON & COMPANY, LTD; AND FIRST AMERICAN TITLE INSURANCE COMPANY; GREENTREE STATION LLC

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 6(A), 6(B), 7(A), 7(B)(1), 7(C), 8, 9, 10, 13, 14, 16, 17, 19, AND 20 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON OCTOBER 28, 2016.

FIELD SURVEY: DAN J. KUEHL; 3104–8, WISCONSIN, EXP. 1–31–2018

For inquiries, questions or concerns about this survey contact ryoung@ussurveyor.com or call 1-800-867-8783 ext. 206

U.S. SURVEYOR®
4929 Riverwind Pointe Drive
Evansville, Indiana 47715
"America's Land Surveyor"
1-800- TO SURVEY

PREPARED FOR:

PHILLIPS EDISON & COMPANY

PROJECT LOCATION:

RACINE COUNTY, STATE OF WISCONSIN

PROJECT ADDRESS:
5111–5141 DOUGLAS AVE
RACINE, WI 53402

PROJECT TYPE:
ALTA/NSPS LAND TITLE SURVEY

WISCONSIN DAN J. KUEHL 3104–8 MORRISON IL LAND SURVEYOR

DAN J. KUEHL
LICENSED IN WISCONSIN
LICENSE NUMBER: 3104–8
LICENSE RENEWAL DATE: JANUARY 31, 2018
DATE OF PLAT: NOVEMBER 7, 2016
NOT VALID WITHOUT ORIGINAL SIGNATURE

SHEET 1 OF 2

JOB NUMBER:
S51370

Survey and Plat by:
XCEL Consultants
8300 42ND STREET WEST
ROCK ISLAND, IL 61201
(O) 309–787–9988
(F) 309–756–5540

NOTE:
THIS SURVEY SHALL NOT BE USED WITH AN AFFIDAVIT OR LETTER OF ANY KIND OR NATURE WHATSOEVER INCLUDING, BUT NOT LIMITED TO, FUTURE CLOSINGS, MORTGAGES, PLOT PLANS, CONSTRUCTION, LANDSCAPING, PERMITTING, ETC. IT IS A VIOLATION OF THE FEDERAL COPYRIGHT ACT, DIGITAL MILLENNIUM COPYRIGHT ACT, TO COPY OR MODIFY AND REUSE THIS SURVEY BEYOND THE DATE AND SCOPE. U.S. SURVEYOR, ITS ASSOCIATES, AND/OR AGENTS SHALL NOT BE LIABLE FOR USE OF THIS SURVEY BY ANY OTHER ENTITIES OR PERSONS FOR ANY PURPOSE BEYOND THE ORIGINAL DATE, SCOPE.

FLOOD DATA This property is in Zone X of the Flood Insurance Rate Map, Community Panel No. 17031C0187J which has an effective date of 8/19/2008 and IS NOT in a Special Flood Hazard Area. Field surveying was not performed to determine this zone. An elevation certificate may be needed to verify this determination or apply for an amendment from the Federal Emergency Management Agency.

IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UTILITIES, WHETHER SHOWN ON THIS SURVEY OR NOT PRIOR TO COMMENCEMENT OF WORK. THIS SURVEY HAS BEEN PREPARED USING AVAILABLE UTILITY DATA. THIS SURVEYOR DOES NOT MAKE STATEMENTS OF ACCURACY BASED UPON MAPS AND UTILITY LOCATES OF OTHERS.

RY PE,PLS
DATE REVIEWED: _____

INT. –
RECORD CLOSURE 1:5,098
MEASURED CLOSURE 1:247,195

LEGAL DESCRIPTION REVIEWED BY:
INT. –
INT. –

INT. –
DATE: –
FIELD REVIEWED

CERTIFICATION IS ONLY TO THE PARTIES HEREIN NAMED.
THIS SURVEY IS NOT VALID FOR ANY FUTURE TRANSACTIONS OF THIS PROPERTY.

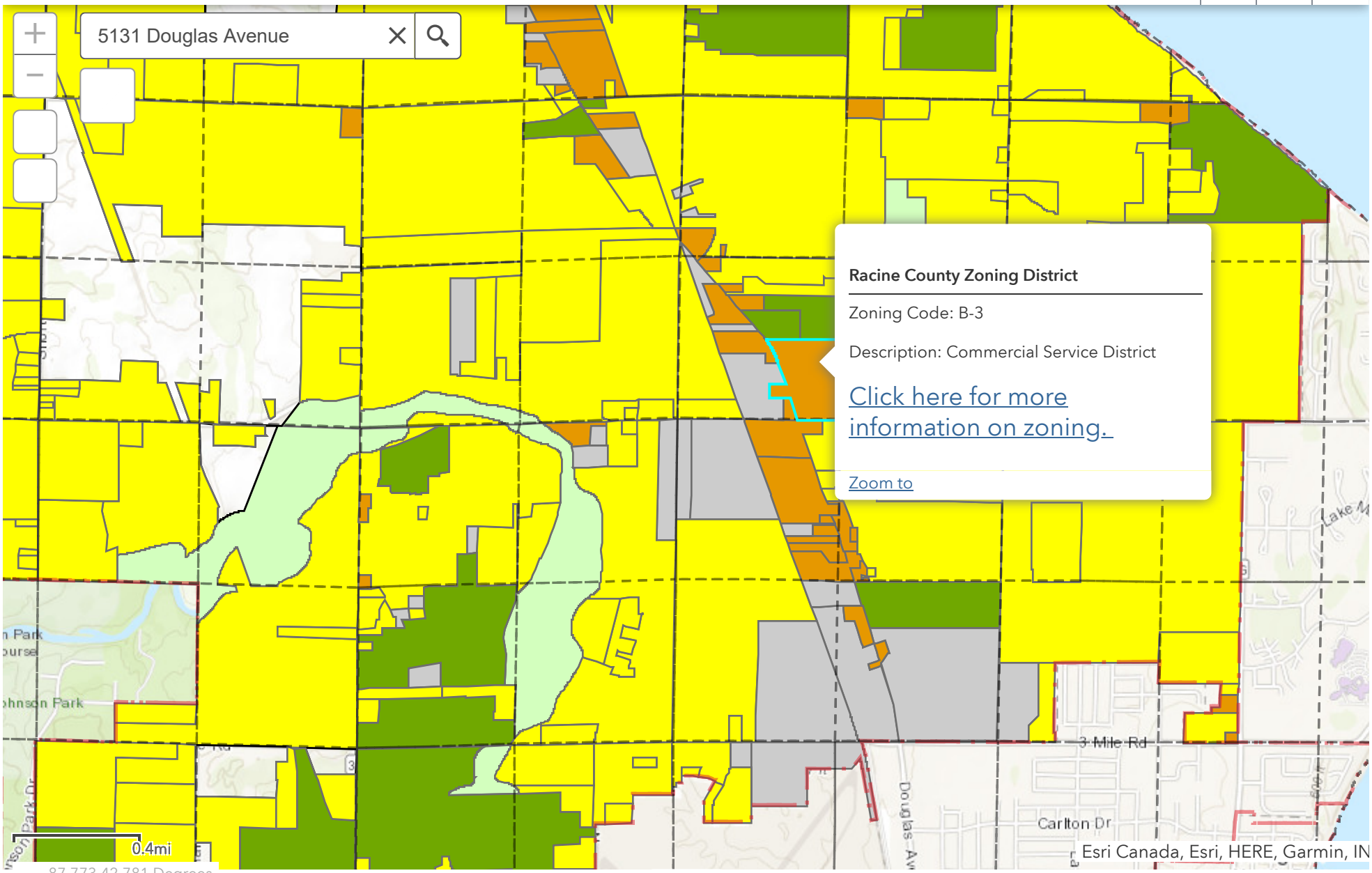
DATE OF ORIGINAL: OCTOBER 28, 2016
REVISION: UPDATED TITLE DATE: DEC. 1, 2016
REVISION: REVIEW COMMENTS DATE: JANUARY 24, 2017
REVISION: UPDATED PARKING COUNT DATE: FEBRUARY 3, 2017

ATTACHMENT F.3

Verification of Zoning

Zoning in Racine County

with data provided by all zoning authorities in Racine County. Click on the map for



Tax Parcels | Quarter Section | City of Burlington Zoning | Village of Elmwood Park Zoning | Village of North Bay Zoning | Municipal Boundaries | City of Racine Zoning

3 features 0 selected

ATTACHMENT F.4

Signed Statement

Responsible Party Statement

I, Shawanda Grissom of Phillips Edison & Company (Responsible Party), to the best of my knowledge believe the attached legal description and survey, describe the correct contaminated property for which a Case Closure is being requested.

Signature

9/18/19
Date

Post Remediation Lab Results

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

January 11, 2019

Steve Newlin
Apex Companies
300 S. Wacker
Chicago, IL 60606

RE: Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

Dear Steve Newlin:
Enclosed are the analytical results for sample(s) received by the laboratory on January 08, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
carolynne.trout@pacelabs.com
1(612)607-6351
Project Manager

Enclosures

cc: Rose Grenen, Apex Companies, LLC

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certifcation #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
Mississippi Certification #: MN00064
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon NwTPH Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DW Certification #: 9952 C
West Virginia DEP Certification #: 382
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10460699001	**SV-3**	Air	01/04/19 11:39	01/08/19 09:45
10460699002	**SV-2**	Air	01/04/19 11:48	01/08/19 09:45
10460699003	**SV-12**	Air	01/04/19 11:55	01/08/19 09:45

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10460699001	**SV-3**	TO-15	MJL	61
10460699002	**SV-2**	TO-15	AFV	61
10460699003	**SV-12**	TO-15	AFV	61

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

Sample: SV-3 **Lab ID: 10460699001** Collected: 01/04/19 11:39 Received: 01/08/19 09:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Dichlorodifluoromethane	**10.9**	ug/m3	1.5	0.45	1.52		01/09/19 12:40	75-71-8	
Chloromethane	**<0.24**	ug/m3	0.64	0.24	1.52		01/09/19 12:40	74-87-3	
Dichlorotetrafluoroethane	**<0.66**	ug/m3	2.2	0.66	1.52		01/09/19 12:40	76-14-2	
Vinyl chloride	**<0.19**	ug/m3	0.40	0.19	1.52		01/09/19 12:40	75-01-4	
Bromomethane	**<0.35**	ug/m3	1.2	0.35	1.52		01/09/19 12:40	74-83-9	
Chloroethane	**<0.40**	ug/m3	0.81	0.40	1.52		01/09/19 12:40	75-00-3	
Trichlorofluoromethane	**1.1J**	ug/m3	1.7	0.56	1.52		01/09/19 12:40	75-69-4	
1,1-Dichloroethene	**<0.42**	ug/m3	1.2	0.42	1.52		01/09/19 12:40	75-35-4	
1,1,2-Trichlorotrifluoroethane	**<0.86**	ug/m3	2.4	0.86	1.52		01/09/19 12:40	76-13-1	
Methylene Chloride	**3.9J**	ug/m3	5.4	1.4	1.52		01/09/19 12:40	75-09-2	
1,1-Dichloroethane	**<0.34**	ug/m3	1.3	0.34	1.52		01/09/19 12:40	75-34-3	
cis-1,2-Dichloroethene	**<0.33**	ug/m3	1.2	0.33	1.52		01/09/19 12:40	156-59-2	
Chloroform	**13.6**	ug/m3	0.75	0.30	1.52		01/09/19 12:40	67-66-3	
1,1,1-Trichloroethane	**<0.47**	ug/m3	1.7	0.47	1.52		01/09/19 12:40	71-55-6	
1,1,2-Trichloroethane	**<0.38**	ug/m3	0.84	0.38	1.52		01/09/19 12:40	79-00-5	
1,2-Dichloroethane	**<0.23**	ug/m3	0.62	0.23	1.52		01/09/19 12:40	107-06-2	
Benzene	**0.28J**	ug/m3	0.49	0.23	1.52		01/09/19 12:40	71-43-2	
Carbon tetrachloride	**<0.65**	ug/m3	1.9	0.65	1.52		01/09/19 12:40	56-23-5	
1,2-Dichloropropane	**<0.35**	ug/m3	1.4	0.35	1.52		01/09/19 12:40	78-87-5	
Trichloroethene	**2.0**	ug/m3	0.83	0.39	1.52		01/09/19 12:40	79-01-6	
cis-1,3-Dichloropropene	**<0.46**	ug/m3	1.4	0.46	1.52		01/09/19 12:40	10061-01-5	
trans-1,3-Dichloropropene	**<0.67**	ug/m3	1.4	0.67	1.52		01/09/19 12:40	10061-02-6	
Toluene	**3.7**	ug/m3	1.2	0.53	1.52		01/09/19 12:40	108-88-3	
1,2-Dibromoethane (EDB)	**<0.56**	ug/m3	1.2	0.56	1.52		01/09/19 12:40	106-93-4	
Tetrachloroethene	**128**	ug/m3	1.0	0.48	1.52		01/09/19 12:40	127-18-4	
Chlorobenzene	**<0.42**	ug/m3	1.4	0.42	1.52		01/09/19 12:40	108-90-7	
Ethylbenzene	**1.4**	ug/m3	1.3	0.46	1.52		01/09/19 12:40	100-41-4	
m&p-Xylene	**6.6**	ug/m3	2.7	1.1	1.52		01/09/19 12:40	179601-23-1	
o-Xylene	**2.7**	ug/m3	1.3	0.52	1.52		01/09/19 12:40	95-47-6	
Styrene	**<0.52**	ug/m3	1.3	0.52	1.52		01/09/19 12:40	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.44**	ug/m3	1.1	0.44	1.52		01/09/19 12:40	79-34-5	
1,3,5-Trimethylbenzene	**2.4**	ug/m3	1.5	0.61	1.52		01/09/19 12:40	108-67-8	
1,2,4-Trimethylbenzene	**6.6**	ug/m3	1.5	0.69	1.52		01/09/19 12:40	95-63-6	CH
1,3-Dichlorobenzene	**<0.88**	ug/m3	1.9	0.88	1.52		01/09/19 12:40	541-73-1	
1,4-Dichlorobenzene	**10.6**	ug/m3	4.7	1.5	1.52		01/09/19 12:40	106-46-7	
1,2-Dichlorobenzene	**<0.76**	ug/m3	1.9	0.76	1.52		01/09/19 12:40	95-50-1	
1,2,4-Trichlorobenzene	**<5.7**	ug/m3	11.5	5.7	1.52		01/09/19 12:40	120-82-1	
Hexachloro-1,3-butadiene	**<3.0**	ug/m3	8.2	3.0	1.52		01/09/19 12:40	87-68-3	
Tetrahydrofuran	**<0.40**	ug/m3	0.91	0.40	1.52		01/09/19 12:40	109-99-9	
Acetone	**12.7**	ug/m3	3.7	1.8	1.52		01/09/19 12:40	67-64-1	
2-Butanone (MEK)	**1.6J**	ug/m3	4.6	0.56	1.52		01/09/19 12:40	78-93-3	
n-Hexane	**0.50J**	ug/m3	1.1	0.47	1.52		01/09/19 12:40	110-54-3	
Methyl-tert-butyl ether	**<1.0**	ug/m3	5.6	1.0	1.52		01/09/19 12:40	1634-04-4	
Dibromochloromethane	**<1.1**	ug/m3	2.6	1.1	1.52		01/09/19 12:40	124-48-1	
1,3-Butadiene	**<0.19**	ug/m3	0.68	0.19	1.52		01/09/19 12:40	106-99-0	
Carbon disulfide	**<0.33**	ug/m3	0.96	0.33	1.52		01/09/19 12:40	75-15-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

Sample: SV-3 **Lab ID: 10460699001** Collected: 01/04/19 11:39 Received: 01/08/19 09:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Vinyl acetate	**<0.41**	ug/m3	1.1	0.41	1.52		01/09/19 12:40	108-05-4	
Cyclohexane	**<0.54**	ug/m3	2.7	0.54	1.52		01/09/19 12:40	110-82-7	
Ethyl acetate	**<0.29**	ug/m3	1.1	0.29	1.52		01/09/19 12:40	141-78-6	
4-Methyl-2-pentanone (MIBK)	**<0.79**	ug/m3	6.3	0.79	1.52		01/09/19 12:40	108-10-1	
2-Hexanone	**<1.1**	ug/m3	6.3	1.1	1.52		01/09/19 12:40	591-78-6	
Bromoform	**<2.2**	ug/m3	8.0	2.2	1.52		01/09/19 12:40	75-25-2	
trans-1,2-Dichloroethene	**<0.43**	ug/m3	1.2	0.43	1.52		01/09/19 12:40	156-60-5	
Bromodichloromethane	**0.92J**	ug/m3	2.1	0.56	1.52		01/09/19 12:40	75-27-4	
n-Heptane	**<0.58**	ug/m3	1.3	0.58	1.52		01/09/19 12:40	142-82-5	
Propylene	**<0.22**	ug/m3	0.53	0.22	1.52		01/09/19 12:40	115-07-1	
4-Ethyltoluene	**2.4J**	ug/m3	3.8	0.87	1.52		01/09/19 12:40	622-96-8	
Naphthalene	**18.0**	ug/m3	4.0	2.0	1.52		01/09/19 12:40	91-20-3	
Ethanol	**18.4**	ug/m3	2.9	1.2	1.52		01/09/19 12:40	64-17-5	
2-Propanol	**3.9**	ug/m3	3.8	1.1	1.52		01/09/19 12:40	67-63-0	
Benzyl chloride	**<1.8**	ug/m3	4.0	1.8	1.52		01/09/19 12:40	100-44-7	

Sample: SV-2 **Lab ID: 10460699002** Collected: 01/04/19 11:48 Received: 01/08/19 09:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**8.3**	ug/m3	3.7	1.8	1.52		01/09/19 13:38	67-64-1	
Benzene	**<0.23**	ug/m3	0.49	0.23	1.52		01/09/19 13:38	71-43-2	
Benzyl chloride	**<1.8**	ug/m3	4.0	1.8	1.52		01/09/19 13:38	100-44-7	
Bromodichloromethane	**5.5**	ug/m3	2.1	0.56	1.52		01/09/19 13:38	75-27-4	
Bromoform	**<2.2**	ug/m3	8.0	2.2	1.52		01/09/19 13:38	75-25-2	
Bromomethane	**<0.35**	ug/m3	1.2	0.35	1.52		01/09/19 13:38	74-83-9	
1,3-Butadiene	**<0.19**	ug/m3	0.68	0.19	1.52		01/09/19 13:38	106-99-0	
2-Butanone (MEK)	**1.7J**	ug/m3	4.6	0.56	1.52		01/09/19 13:38	78-93-3	
Carbon disulfide	**<0.33**	ug/m3	0.96	0.33	1.52		01/09/19 13:38	75-15-0	
Carbon tetrachloride	**<0.65**	ug/m3	1.9	0.65	1.52		01/09/19 13:38	56-23-5	
Chlorobenzene	**<0.42**	ug/m3	1.4	0.42	1.52		01/09/19 13:38	108-90-7	
Chloroethane	**<0.40**	ug/m3	0.81	0.40	1.52		01/09/19 13:38	75-00-3	
Chloroform	**27.3**	ug/m3	0.75	0.30	1.52		01/09/19 13:38	67-66-3	
Chloromethane	**<0.24**	ug/m3	0.64	0.24	1.52		01/09/19 13:38	74-87-3	
Cyclohexane	**<0.54**	ug/m3	2.7	0.54	1.52		01/09/19 13:38	110-82-7	
Dibromochloromethane	**1.5J**	ug/m3	2.6	1.1	1.52		01/09/19 13:38	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/m3	1.2	0.56	1.52		01/09/19 13:38	106-93-4	
1,2-Dichlorobenzene	**<0.76**	ug/m3	1.9	0.76	1.52		01/09/19 13:38	95-50-1	
1,3-Dichlorobenzene	**<0.88**	ug/m3	1.9	0.88	1.52		01/09/19 13:38	541-73-1	
1,4-Dichlorobenzene	**6.4**	ug/m3	4.7	1.5	1.52		01/09/19 13:38	106-46-7	
Dichlorodifluoromethane	**6.4**	ug/m3	1.5	0.45	1.52		01/09/19 13:38	75-71-8	
1,1-Dichloroethane	**<0.34**	ug/m3	1.3	0.34	1.52		01/09/19 13:38	75-34-3	
1,2-Dichloroethane	**<0.23**	ug/m3	0.62	0.23	1.52		01/09/19 13:38	107-06-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

Sample: SV-2 **Lab ID: 10460699002** Collected: 01/04/19 11:48 Received: 01/08/19 09:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
1,1-Dichloroethene	**<0.42**	ug/m3	1.2	0.42	1.52		01/09/19 13:38	75-35-4	
cis-1,2-Dichloroethene	**13.4**	ug/m3	1.2	0.33	1.52		01/09/19 13:38	156-59-2	
trans-1,2-Dichloroethene	**<0.43**	ug/m3	1.2	0.43	1.52		01/09/19 13:38	156-60-5	
1,2-Dichloropropane	**<0.35**	ug/m3	1.4	0.35	1.52		01/09/19 13:38	78-87-5	
cis-1,3-Dichloropropene	**<0.46**	ug/m3	1.4	0.46	1.52		01/09/19 13:38	10061-01-5	
trans-1,3-Dichloropropene	**<0.67**	ug/m3	1.4	0.67	1.52		01/09/19 13:38	10061-02-6	
Dichlorotetrafluoroethane	**<0.66**	ug/m3	2.2	0.66	1.52		01/09/19 13:38	76-14-2	
Ethanol	**27.1**	ug/m3	2.9	1.2	1.52		01/09/19 13:38	64-17-5	
Ethyl acetate	**<0.29**	ug/m3	1.1	0.29	1.52		01/09/19 13:38	141-78-6	
Ethylbenzene	**2.0**	ug/m3	1.3	0.46	1.52		01/09/19 13:38	100-41-4	
4-Ethyltoluene	**2.6J**	ug/m3	3.8	0.87	1.52		01/09/19 13:38	622-96-8	
n-Heptane	**<0.58**	ug/m3	1.3	0.58	1.52		01/09/19 13:38	142-82-5	
Hexachloro-1,3-butadiene	**<3.0**	ug/m3	8.2	3.0	1.52		01/09/19 13:38	87-68-3	
n-Hexane	**0.62J**	ug/m3	1.1	0.47	1.52		01/09/19 13:38	110-54-3	
2-Hexanone	**<1.1**	ug/m3	6.3	1.1	1.52		01/09/19 13:38	591-78-6	
Methylene Chloride	**2.9J**	ug/m3	5.4	1.4	1.52		01/09/19 13:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.79**	ug/m3	6.3	0.79	1.52		01/09/19 13:38	108-10-1	
Methyl-tert-butyl ether	**<1.0**	ug/m3	5.6	1.0	1.52		01/09/19 13:38	1634-04-4	
Naphthalene	**11.7**	ug/m3	4.0	2.0	1.52		01/09/19 13:38	91-20-3	
2-Propanol	**2.6J**	ug/m3	3.8	1.1	1.52		01/09/19 13:38	67-63-0	
Propylene	**<0.22**	ug/m3	0.53	0.22	1.52		01/09/19 13:38	115-07-1	
Styrene	**<0.52**	ug/m3	1.3	0.52	1.52		01/09/19 13:38	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.44**	ug/m3	1.1	0.44	1.52		01/09/19 13:38	79-34-5	
Tetrachloroethene	**490**	ug/m3	20.9	9.5	30.4		01/09/19 17:54	127-18-4	
Tetrahydrofuran	**<0.40**	ug/m3	0.91	0.40	1.52		01/09/19 13:38	109-99-9	
Toluene	**7.9**	ug/m3	1.2	0.53	1.52		01/09/19 13:38	108-88-3	
1,2,4-Trichlorobenzene	**<5.7**	ug/m3	11.5	5.7	1.52		01/09/19 13:38	120-82-1	
1,1,1-Trichloroethane	**<0.47**	ug/m3	1.7	0.47	1.52		01/09/19 13:38	71-55-6	
1,1,2-Trichloroethane	**<0.38**	ug/m3	0.84	0.38	1.52		01/09/19 13:38	79-00-5	
Trichloroethene	**44.9**	ug/m3	0.83	0.39	1.52		01/09/19 13:38	79-01-6	
Trichlorofluoromethane	**<0.56**	ug/m3	1.7	0.56	1.52		01/09/19 13:38	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.86**	ug/m3	2.4	0.86	1.52		01/09/19 13:38	76-13-1	
1,2,4-Trimethylbenzene	**6.7**	ug/m3	1.5	0.69	1.52		01/09/19 13:38	95-63-6	CH
1,3,5-Trimethylbenzene	**3.6**	ug/m3	1.5	0.61	1.52		01/09/19 13:38	108-67-8	
Vinyl acetate	**<0.41**	ug/m3	1.1	0.41	1.52		01/09/19 13:38	108-05-4	
Vinyl chloride	**<0.19**	ug/m3	0.40	0.19	1.52		01/09/19 13:38	75-01-4	
m&p-Xylene	**9.1**	ug/m3	2.7	1.1	1.52		01/09/19 13:38	179601-23-1	
o-Xylene	**3.4**	ug/m3	1.3	0.52	1.52		01/09/19 13:38	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

Sample: SV-12 **Lab ID: 10460699003** Collected: 01/04/19 11:55 Received: 01/08/19 09:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**22.4**	ug/m3	3.7	1.9	1.55		01/09/19 15:26	67-64-1	
Benzene	**0.70**	ug/m3	0.50	0.24	1.55		01/09/19 15:26	71-43-2	
Benzyl chloride	**<1.9**	ug/m3	4.1	1.9	1.55		01/09/19 15:26	100-44-7	
Bromodichloromethane	**1.4J**	ug/m3	2.1	0.57	1.55		01/09/19 15:26	75-27-4	
Bromoform	**<2.2**	ug/m3	8.1	2.2	1.55		01/09/19 15:26	75-25-2	
Bromomethane	**<0.35**	ug/m3	1.2	0.35	1.55		01/09/19 15:26	74-83-9	
1,3-Butadiene	**<0.20**	ug/m3	0.70	0.20	1.55		01/09/19 15:26	106-99-0	
2-Butanone (MEK)	**4.6J**	ug/m3	4.6	0.57	1.55		01/09/19 15:26	78-93-3	
Carbon disulfide	**<0.34**	ug/m3	0.98	0.34	1.55		01/09/19 15:26	75-15-0	
Carbon tetrachloride	**<0.66**	ug/m3	2.0	0.66	1.55		01/09/19 15:26	56-23-5	
Chlorobenzene	**<0.43**	ug/m3	1.5	0.43	1.55		01/09/19 15:26	108-90-7	
Chloroethane	**<0.40**	ug/m3	0.83	0.40	1.55		01/09/19 15:26	75-00-3	
Chloroform	**6.0**	ug/m3	0.77	0.30	1.55		01/09/19 15:26	67-66-3	
Chloromethane	**<0.24**	ug/m3	0.65	0.24	1.55		01/09/19 15:26	74-87-3	
Cyclohexane	**<0.55**	ug/m3	2.7	0.55	1.55		01/09/19 15:26	110-82-7	
Dibromochloromethane	**<1.1**	ug/m3	2.7	1.1	1.55		01/09/19 15:26	124-48-1	
1,2-Dibromoethane (EDB)	**<0.57**	ug/m3	1.2	0.57	1.55		01/09/19 15:26	106-93-4	
1,2-Dichlorobenzene	**<0.77**	ug/m3	1.9	0.77	1.55		01/09/19 15:26	95-50-1	
1,3-Dichlorobenzene	**<0.90**	ug/m3	1.9	0.90	1.55		01/09/19 15:26	541-73-1	
1,4-Dichlorobenzene	**7.5**	ug/m3	4.7	1.6	1.55		01/09/19 15:26	106-46-7	
Dichlorodifluoromethane	**7.4**	ug/m3	1.6	0.45	1.55		01/09/19 15:26	75-71-8	
1,1-Dichloroethane	**<0.35**	ug/m3	1.3	0.35	1.55		01/09/19 15:26	75-34-3	
1,2-Dichloroethane	**<0.23**	ug/m3	0.64	0.23	1.55		01/09/19 15:26	107-06-2	
1,1-Dichloroethene	**<0.42**	ug/m3	1.2	0.42	1.55		01/09/19 15:26	75-35-4	
cis-1,2-Dichloroethene	**<0.34**	ug/m3	1.2	0.34	1.55		01/09/19 15:26	156-59-2	
trans-1,2-Dichloroethene	**<0.44**	ug/m3	1.2	0.44	1.55		01/09/19 15:26	156-60-5	
1,2-Dichloropropane	**<0.36**	ug/m3	1.5	0.36	1.55		01/09/19 15:26	78-87-5	
cis-1,3-Dichloropropene	**<0.47**	ug/m3	1.4	0.47	1.55		01/09/19 15:26	10061-01-5	
trans-1,3-Dichloropropene	**<0.68**	ug/m3	1.4	0.68	1.55		01/09/19 15:26	10061-02-6	
Dichlorotetrafluoroethane	**<0.68**	ug/m3	2.2	0.68	1.55		01/09/19 15:26	76-14-2	
Ethanol	**80.2**	ug/m3	3.0	1.3	1.55		01/09/19 15:26	64-17-5	
Ethyl acetate	**<0.29**	ug/m3	1.1	0.29	1.55		01/09/19 15:26	141-78-6	
Ethylbenzene	**2.3**	ug/m3	1.4	0.47	1.55		01/09/19 15:26	100-41-4	
4-Ethyltoluene	**2.2J**	ug/m3	3.9	0.88	1.55		01/09/19 15:26	622-96-8	
n-Heptane	**<0.59**	ug/m3	1.3	0.59	1.55		01/09/19 15:26	142-82-5	
Hexachloro-1,3-butadiene	**<3.1**	ug/m3	8.4	3.1	1.55		01/09/19 15:26	87-68-3	
n-Hexane	**1.2**	ug/m3	1.1	0.48	1.55		01/09/19 15:26	110-54-3	
2-Hexanone	**<1.2**	ug/m3	6.4	1.2	1.55		01/09/19 15:26	591-78-6	
Methylene Chloride	**1.8J**	ug/m3	5.5	1.5	1.55		01/09/19 15:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.80**	ug/m3	6.4	0.80	1.55		01/09/19 15:26	108-10-1	
Methyl-tert-butyl ether	**<1.0**	ug/m3	5.7	1.0	1.55		01/09/19 15:26	1634-04-4	
Naphthalene	**12.7**	ug/m3	4.1	2.0	1.55		01/09/19 15:26	91-20-3	
2-Propanol	**10.8**	ug/m3	3.9	1.1	1.55		01/09/19 15:26	67-63-0	
Propylene	**<0.22**	ug/m3	0.54	0.22	1.55		01/09/19 15:26	115-07-1	
Styrene	**<0.53**	ug/m3	1.3	0.53	1.55		01/09/19 15:26	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.45**	ug/m3	1.1	0.45	1.55		01/09/19 15:26	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

Sample: SV-12 **Lab ID: 10460699003** Collected: 01/04/19 11:55 Received: 01/08/19 09:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**119**	ug/m3	1.1	0.49	1.55		01/09/19 15:26	127-18-4	
Tetrahydrofuran	**<0.40**	ug/m3	0.93	0.40	1.55		01/09/19 15:26	109-99-9	
Toluene	**7.4**	ug/m3	1.2	0.54	1.55		01/09/19 15:26	108-88-3	
1,2,4-Trichlorobenzene	**<5.8**	ug/m3	11.7	5.8	1.55		01/09/19 15:26	120-82-1	
1,1,1-Trichloroethane	**<0.48**	ug/m3	1.7	0.48	1.55		01/09/19 15:26	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/m3	0.86	0.39	1.55		01/09/19 15:26	79-00-5	
Trichloroethene	**2.0**	ug/m3	0.85	0.40	1.55		01/09/19 15:26	79-01-6	
Trichlorofluoromethane	**<0.57**	ug/m3	1.8	0.57	1.55		01/09/19 15:26	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.87**	ug/m3	2.4	0.87	1.55		01/09/19 15:26	76-13-1	
1,2,4-Trimethylbenzene	**7.1**	ug/m3	1.5	0.70	1.55		01/09/19 15:26	95-63-6	
1,3,5-Trimethylbenzene	**1.9**	ug/m3	1.5	0.62	1.55		01/09/19 15:26	108-67-8	
Vinyl acetate	**<0.42**	ug/m3	1.1	0.42	1.55		01/09/19 15:26	108-05-4	
Vinyl chloride	**<0.20**	ug/m3	0.40	0.20	1.55		01/09/19 15:26	75-01-4	
m&p-Xylene	**9.4**	ug/m3	2.7	1.1	1.55		01/09/19 15:26	179601-23-1	
o-Xylene	**3.8**	ug/m3	1.4	0.53	1.55		01/09/19 15:26	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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QUALITY CONTROL DATA

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

QC Batch: 584568 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10460699001, 10460699002

METHOD BLANK: 3167212 Matrix: Air
Associated Lab Samples: 10460699001, 10460699002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.31	1.1	01/09/19 09:47	
1,1,2,2-Tetrachloroethane	ug/m3	<0.29	0.70	01/09/19 09:47	
1,1,2-Trichloroethane	ug/m3	<0.25	0.56	01/09/19 09:47	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.56	1.6	01/09/19 09:47	
1,1-Dichloroethane	ug/m3	<0.22	0.82	01/09/19 09:47	
1,1-Dichloroethene	ug/m3	<0.27	0.81	01/09/19 09:47	
1,2,4-Trichlorobenzene	ug/m3	<3.7	7.5	01/09/19 09:47	
1,2,4-Trimethylbenzene	ug/m3	<0.45	1.0	01/09/19 09:47	
1,2-Dibromoethane (EDB)	ug/m3	<0.37	0.78	01/09/19 09:47	
1,2-Dichlorobenzene	ug/m3	<0.50	1.2	01/09/19 09:47	
1,2-Dichloroethane	ug/m3	<0.15	0.41	01/09/19 09:47	
1,2-Dichloropropane	ug/m3	<0.23	0.94	01/09/19 09:47	
1,3,5-Trimethylbenzene	ug/m3	<0.40	1.0	01/09/19 09:47	
1,3-Butadiene	ug/m3	<0.13	0.45	01/09/19 09:47	
1,3-Dichlorobenzene	ug/m3	<0.58	1.2	01/09/19 09:47	
1,4-Dichlorobenzene	ug/m3	<1.0	3.1	01/09/19 09:47	
2-Butanone (MEK)	ug/m3	<0.37	3.0	01/09/19 09:47	
2-Hexanone	ug/m3	<0.74	4.2	01/09/19 09:47	
2-Propanol	ug/m3	<0.70	2.5	01/09/19 09:47	
4-Ethyltoluene	ug/m3	<0.57	2.5	01/09/19 09:47	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.52	4.2	01/09/19 09:47	
Acetone	ug/m3	<1.2	2.4	01/09/19 09:47	
Benzene	ug/m3	<0.15	0.32	01/09/19 09:47	
Benzyl chloride	ug/m3	<1.2	2.6	01/09/19 09:47	
Bromodichloromethane	ug/m3	<0.37	1.4	01/09/19 09:47	
Bromoform	ug/m3	<1.4	5.2	01/09/19 09:47	
Bromomethane	ug/m3	<0.23	0.79	01/09/19 09:47	
Carbon disulfide	ug/m3	<0.22	0.63	01/09/19 09:47	
Carbon tetrachloride	ug/m3	<0.43	1.3	01/09/19 09:47	
Chlorobenzene	ug/m3	<0.28	0.94	01/09/19 09:47	
Chloroethane	ug/m3	<0.26	0.54	01/09/19 09:47	
Chloroform	ug/m3	<0.20	0.50	01/09/19 09:47	
Chloromethane	ug/m3	<0.16	0.42	01/09/19 09:47	
cis-1,2-Dichloroethene	ug/m3	<0.22	0.81	01/09/19 09:47	
cis-1,3-Dichloropropene	ug/m3	<0.30	0.92	01/09/19 09:47	
Cyclohexane	ug/m3	<0.35	1.8	01/09/19 09:47	
Dibromochloromethane	ug/m3	<0.72	1.7	01/09/19 09:47	
Dichlorodifluoromethane	ug/m3	<0.29	1.0	01/09/19 09:47	
Dichlorotetrafluoroethane	ug/m3	<0.44	1.4	01/09/19 09:47	
Ethanol	ug/m3	<0.81	1.9	01/09/19 09:47	
Ethyl acetate	ug/m3	<0.19	0.73	01/09/19 09:47	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

METHOD BLANK: 3167212 Matrix: Air
Associated Lab Samples: 10460699001, 10460699002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/m3	<0.30	0.88	01/09/19 09:47	
Hexachloro-1,3-butadiene	ug/m3	<2.0	5.4	01/09/19 09:47	
m&p-Xylene	ug/m3	<0.70	1.8	01/09/19 09:47	
Methyl-tert-butyl ether	ug/m3	<0.66	3.7	01/09/19 09:47	
Methylene Chloride	ug/m3	<0.94	3.5	01/09/19 09:47	
n-Heptane	ug/m3	<0.38	0.83	01/09/19 09:47	
n-Hexane	ug/m3	<0.31	0.72	01/09/19 09:47	
Naphthalene	ug/m3	<1.3	2.7	01/09/19 09:47	
o-Xylene	ug/m3	<0.34	0.88	01/09/19 09:47	
Propylene	ug/m3	<0.14	0.35	01/09/19 09:47	
Styrene	ug/m3	<0.34	0.87	01/09/19 09:47	
Tetrachloroethene	ug/m3	<0.31	0.69	01/09/19 09:47	
Tetrahydrofuran	ug/m3	<0.26	0.60	01/09/19 09:47	
Toluene	ug/m3	<0.35	0.77	01/09/19 09:47	
trans-1,2-Dichloroethene	ug/m3	<0.28	0.81	01/09/19 09:47	
trans-1,3-Dichloropropene	ug/m3	<0.44	0.92	01/09/19 09:47	
Trichloroethene	ug/m3	<0.26	0.55	01/09/19 09:47	
Trichlorofluoromethane	ug/m3	<0.37	1.1	01/09/19 09:47	
Vinyl acetate	ug/m3	<0.27	0.72	01/09/19 09:47	
Vinyl chloride	ug/m3	<0.13	0.26	01/09/19 09:47	

LABORATORY CONTROL SAMPLE: 3167213

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	59.0	106	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	82.0	118	70-132	
1,1,2-Trichloroethane	ug/m3	55.5	59.8	108	70-130	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	75.7	97	70-130	
1,1-Dichloroethane	ug/m3	41.1	41.1	100	70-130	
1,1-Dichloroethene	ug/m3	40.3	41.2	102	70-130	
1,2,4-Trichlorobenzene	ug/m3	75.4	70.8	94	56-130	
1,2,4-Trimethylbenzene	ug/m3	50	66.0	132	70-134	CH
1,2-Dibromoethane (EDB)	ug/m3	78.1	90.5	116	70-130	
1,2-Dichlorobenzene	ug/m3	61.1	73.8	121	70-132	
1,2-Dichloroethane	ug/m3	41.1	43.4	106	70-130	
1,2-Dichloropropane	ug/m3	47	50.8	108	70-130	
1,3,5-Trimethylbenzene	ug/m3	50	57.1	114	70-132	
1,3-Butadiene	ug/m3	22.5	22.7	101	65-130	
1,3-Dichlorobenzene	ug/m3	61.1	72.1	118	70-137	
1,4-Dichlorobenzene	ug/m3	61.1	76.2	125	70-134	
2-Butanone (MEK)	ug/m3	30	35.7	119	70-130	
2-Hexanone	ug/m3	41.6	46.9	113	70-135	
2-Propanol	ug/m3	125	124	99	68-130	
4-Ethyltoluene	ug/m3	50	56.7	113	70-138	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

LABORATORY CONTROL SAMPLE: 3167213

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	41.6	55.8	134	70-131	CU,L3
Acetone	ug/m3	121	115	96	67-130	
Benzene	ug/m3	32.5	33.0	102	70-130	
Benzyl chloride	ug/m3	52.6	57.5	109	70-130	
Bromodichloromethane	ug/m3	68.1	77.5	114	70-130	
Bromoform	ug/m3	105	134	128	70-132	
Bromomethane	ug/m3	39.5	41.7	106	69-130	
Carbon disulfide	ug/m3	31.6	33.5	106	56-137	
Carbon tetrachloride	ug/m3	64	55.9	87	66-131	
Chlorobenzene	ug/m3	46.8	47.7	102	70-130	
Chloroethane	ug/m3	26.8	30.8	115	70-130	
Chloroform	ug/m3	49.6	51.1	103	70-130	
Chloromethane	ug/m3	21	21.1	100	66-130	
cis-1,2-Dichloroethene	ug/m3	40.3	42.9	106	70-130	
cis-1,3-Dichloropropene	ug/m3	46.1	57.0	124	70-133	
Cyclohexane	ug/m3	35	43.5	124	68-132	
Dibromochloromethane	ug/m3	86.6	101	117	70-130	
Dichlorodifluoromethane	ug/m3	50.3	49.7	99	70-130	
Dichlorotetrafluoroethane	ug/m3	71	68.7	97	70-130	
Ethanol	ug/m3	91.6	93.5	102	68-133	
Ethyl acetate	ug/m3	36.6	40.3	110	69-130	
Ethylbenzene	ug/m3	44.1	56.1	127	67-131	
Hexachloro-1,3-butadiene	ug/m3	108	105	97	66-137	
m&p-Xylene	ug/m3	88.3	112	127	70-132	
Methyl-tert-butyl ether	ug/m3	36.6	39.6	108	70-130	
Methylene Chloride	ug/m3	177	166	94	65-130	
n-Heptane	ug/m3	41.6	48.2	116	65-130	
n-Hexane	ug/m3	35.8	40.5	113	66-130	
Naphthalene	ug/m3	53.3	53.2	100	56-130	
o-Xylene	ug/m3	44.1	56.0	127	70-130	
Propylene	ug/m3	17.5	19.3	110	67-130	
Styrene	ug/m3	43.3	49.0	113	69-136	
Tetrachloroethene	ug/m3	68.9	70.7	103	70-130	
Tetrahydrofuran	ug/m3	30	34.0	113	68-131	
Toluene	ug/m3	38.3	47.1	123	70-130	
trans-1,2-Dichloroethene	ug/m3	40.3	40.6	101	70-130	
trans-1,3-Dichloropropene	ug/m3	46.1	52.2	113	70-134	
Trichloroethene	ug/m3	54.6	57.0	104	70-130	
Trichlorofluoromethane	ug/m3	57.1	57.9	101	65-130	
Vinyl acetate	ug/m3	35.8	42.1	118	61-133	
Vinyl chloride	ug/m3	26	26.3	101	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

SAMPLE DUPLICATE: 3167367

Parameter	Units	10460701001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<0.75		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<0.71		25	
1,1,2-Trichloroethane	ug/m3	ND	<0.61		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	<1.4		25	
1,1-Dichloroethane	ug/m3	ND	<0.55		25	
1,1-Dichloroethene	ug/m3	ND	<0.67		25	
1,2,4-Trichlorobenzene	ug/m3	ND	<9.1		25	
1,2,4-Trimethylbenzene	ug/m3	ND	<1.1		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<0.89		25	
1,2-Dichlorobenzene	ug/m3	ND	<1.2		25	
1,2-Dichloroethane	ug/m3	ND	<0.37		25	
1,2-Dichloropropane	ug/m3	ND	<0.56		25	
1,3,5-Trimethylbenzene	ug/m3	ND	<0.97		25	
1,3-Butadiene	ug/m3	ND	<0.31		25	
1,3-Dichlorobenzene	ug/m3	ND	<1.4		25	
1,4-Dichlorobenzene	ug/m3	190	192	1	25	
2-Butanone (MEK)	ug/m3	ND	2.3J		25	
2-Hexanone	ug/m3	ND	<1.8		25	
2-Propanol	ug/m3	7.0	7.1	2	25	
4-Ethyltoluene	ug/m3	ND	<1.4		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	<1.3		25	
Acetone	ug/m3	14.9	15.3	2	25	
Benzene	ug/m3	2.6	2.8	7	25	
Benzyl chloride	ug/m3	ND	<2.9		25	
Bromodichloromethane	ug/m3	ND	<0.89		25	
Bromoform	ug/m3	ND	<3.5		25	
Bromomethane	ug/m3	ND	<0.55		25	
Carbon disulfide	ug/m3	ND	<0.53		25	
Carbon tetrachloride	ug/m3	ND	<1.0		25	
Chlorobenzene	ug/m3	ND	<0.67		25	
Chloroethane	ug/m3	ND	<0.63		25	
Chloroform	ug/m3	2.4	2.5	1	25	
Chloromethane	ug/m3	ND	<0.38		25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.53		25	
cis-1,3-Dichloropropene	ug/m3	ND	<0.74		25	
Cyclohexane	ug/m3	ND	<0.86		25	
Dibromochloromethane	ug/m3	ND	<1.8		25	
Dichlorodifluoromethane	ug/m3	3.6	3.8	4	25	
Dichlorotetrafluoroethane	ug/m3	ND	<1.1		25	
Ethanol	ug/m3	288	295	2	25	
Ethyl acetate	ug/m3	2.9	3.4	15	25	
Ethylbenzene	ug/m3	ND	<0.74		25	
Hexachloro-1,3-butadiene	ug/m3	ND	<4.8		25	
m&p-Xylene	ug/m3	ND	<1.7		25	
Methyl-tert-butyl ether	ug/m3	ND	<1.6		25	
Methylene Chloride	ug/m3	ND	3.3J		25	
n-Heptane	ug/m3	ND	1.0J		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

SAMPLE DUPLICATE: 3167367

Parameter	Units	10460701001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	3.1	3.3	7	25	
Naphthalene	ug/m3	ND	<3.2		25	
o-Xylene	ug/m3	ND	<0.84		25	
Propylene	ug/m3	ND	<0.35		25	
Styrene	ug/m3	ND	2.0J		25	
Tetrachloroethene	ug/m3	3.4	3.5	4	25	
Tetrahydrofuran	ug/m3	ND	<0.64		25	
Toluene	ug/m3	ND	1.7J		25	
trans-1,2-Dichloroethene	ug/m3	ND	<0.70		25	
trans-1,3-Dichloropropene	ug/m3	ND	<1.1		25	
Trichloroethene	ug/m3	ND	<0.63		25	
Trichlorofluoromethane	ug/m3	15.4	16.0	4	25	
Vinyl acetate	ug/m3	ND	<0.66		25	
Vinyl chloride	ug/m3	ND	<0.31		25	

SAMPLE DUPLICATE: 3167370

Parameter	Units	10460699001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.47	<0.47		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.44	<0.44		25	
1,1,2-Trichloroethane	ug/m3	<0.38	<0.38		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.86	<0.86		25	
1,1-Dichloroethane	ug/m3	<0.34	<0.34		25	
1,1-Dichloroethene	ug/m3	<0.42	<0.42		25	
1,2,4-Trichlorobenzene	ug/m3	<5.7	<5.7		25	
1,2,4-Trimethylbenzene	ug/m3	6.6	6.5	2	25	CH
1,2-Dibromoethane (EDB)	ug/m3	<0.56	<0.56		25	
1,2-Dichlorobenzene	ug/m3	<0.76	<0.76		25	
1,2-Dichloroethane	ug/m3	<0.23	<0.23		25	
1,2-Dichloropropane	ug/m3	<0.35	<0.35		25	
1,3,5-Trimethylbenzene	ug/m3	2.4	2.3	5	25	
1,3-Butadiene	ug/m3	<0.19	<0.19		25	
1,3-Dichlorobenzene	ug/m3	<0.88	<0.88		25	
1,4-Dichlorobenzene	ug/m3	10.6	10.2	4	25	
2-Butanone (MEK)	ug/m3	1.6J	1.6J		25	
2-Hexanone	ug/m3	<1.1	<1.1		25	
2-Propanol	ug/m3	3.9	4.0	3	25	
4-Ethyltoluene	ug/m3	2.4J	2.4J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.79	<0.79		25	
Acetone	ug/m3	12.7	12.8	1	25	
Benzene	ug/m3	0.28J	0.26J		25	
Benzyl chloride	ug/m3	<1.8	<1.8		25	
Bromodichloromethane	ug/m3	0.92J	0.80J		25	
Bromoform	ug/m3	<2.2	<2.2		25	
Bromomethane	ug/m3	<0.35	<0.35		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

SAMPLE DUPLICATE: 3167370

Parameter	Units	10460699001 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	<0.33	<0.33		25	
Carbon tetrachloride	ug/m3	<0.65	<0.65		25	
Chlorobenzene	ug/m3	<0.42	<0.42		25	
Chloroethane	ug/m3	<0.40	<0.40		25	
Chloroform	ug/m3	13.6	13.3	2	25	
Chloromethane	ug/m3	<0.24	<0.24		25	
cis-1,2-Dichloroethene	ug/m3	<0.33	<0.33		25	
cis-1,3-Dichloropropene	ug/m3	<0.46	<0.46		25	
Cyclohexane	ug/m3	<0.54	<0.54		25	
Dibromochloromethane	ug/m3	<1.1	<1.1		25	
Dichlorodifluoromethane	ug/m3	10.9	10.5	4	25	
Dichlorotetrafluoroethane	ug/m3	<0.66	<0.66		25	
Ethanol	ug/m3	18.4	18.5	1	25	
Ethyl acetate	ug/m3	<0.29	<0.29		25	
Ethylbenzene	ug/m3	1.4	1.2J		25	
Hexachloro-1,3-butadiene	ug/m3	<3.0	<3.0		25	
m&p-Xylene	ug/m3	6.6	5.9	10	25	
Methyl-tert-butyl ether	ug/m3	<1.0	<1.0		25	
Methylene Chloride	ug/m3	3.9J	3.8J		25	
n-Heptane	ug/m3	<0.58	<0.58		25	
n-Hexane	ug/m3	0.50J	0.50J		25	
Naphthalene	ug/m3	18.0	17.7	2	25	
o-Xylene	ug/m3	2.7	2.6	1	25	
Propylene	ug/m3	<0.22	<0.22		25	
Styrene	ug/m3	<0.52	<0.52		25	
Tetrachloroethene	ug/m3	128	124	3	25	
Tetrahydrofuran	ug/m3	<0.40	<0.40		25	
Toluene	ug/m3	3.7	3.4	7	25	
trans-1,2-Dichloroethene	ug/m3	<0.43	<0.43		25	
trans-1,3-Dichloropropene	ug/m3	<0.67	<0.67		25	
Trichloroethene	ug/m3	2.0	2.0	2	25	
Trichlorofluoromethane	ug/m3	1.1J	1.0J		25	
Vinyl acetate	ug/m3	<0.41	<0.41		25	
Vinyl chloride	ug/m3	<0.19	<0.19		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

QC Batch: 584707 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10460699003

METHOD BLANK: 3167708 Matrix: Air
Associated Lab Samples: 10460699003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.31	1.1	01/09/19 10:08	
1,1,2,2-Tetrachloroethane	ug/m3	<0.29	0.70	01/09/19 10:08	
1,1,2-Trichloroethane	ug/m3	<0.25	0.56	01/09/19 10:08	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.56	1.6	01/09/19 10:08	
1,1-Dichloroethane	ug/m3	<0.22	0.82	01/09/19 10:08	
1,1-Dichloroethene	ug/m3	<0.27	0.81	01/09/19 10:08	
1,2,4-Trichlorobenzene	ug/m3	<3.7	7.5	01/09/19 10:08	
1,2,4-Trimethylbenzene	ug/m3	<0.45	1.0	01/09/19 10:08	
1,2-Dibromoethane (EDB)	ug/m3	<0.37	0.78	01/09/19 10:08	
1,2-Dichlorobenzene	ug/m3	<0.50	1.2	01/09/19 10:08	
1,2-Dichloroethane	ug/m3	<0.15	0.41	01/09/19 10:08	
1,2-Dichloropropane	ug/m3	<0.23	0.94	01/09/19 10:08	
1,3,5-Trimethylbenzene	ug/m3	<0.40	1.0	01/09/19 10:08	
1,3-Butadiene	ug/m3	<0.13	0.45	01/09/19 10:08	
1,3-Dichlorobenzene	ug/m3	<0.58	1.2	01/09/19 10:08	
1,4-Dichlorobenzene	ug/m3	<1.0	3.1	01/09/19 10:08	
2-Butanone (MEK)	ug/m3	<0.37	3.0	01/09/19 10:08	
2-Hexanone	ug/m3	<0.74	4.2	01/09/19 10:08	
2-Propanol	ug/m3	<0.70	2.5	01/09/19 10:08	
4-Ethyltoluene	ug/m3	<0.57	2.5	01/09/19 10:08	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.52	4.2	01/09/19 10:08	
Acetone	ug/m3	<1.2	2.4	01/09/19 10:08	
Benzene	ug/m3	<0.15	0.32	01/09/19 10:08	
Benzyl chloride	ug/m3	<1.2	2.6	01/09/19 10:08	
Bromodichloromethane	ug/m3	<0.37	1.4	01/09/19 10:08	
Bromoform	ug/m3	<1.4	5.2	01/09/19 10:08	
Bromomethane	ug/m3	<0.23	0.79	01/09/19 10:08	
Carbon disulfide	ug/m3	<0.22	0.63	01/09/19 10:08	
Carbon tetrachloride	ug/m3	<0.43	1.3	01/09/19 10:08	
Chlorobenzene	ug/m3	<0.28	0.94	01/09/19 10:08	
Chloroethane	ug/m3	<0.26	0.54	01/09/19 10:08	
Chloroform	ug/m3	<0.20	0.50	01/09/19 10:08	
Chloromethane	ug/m3	<0.16	0.42	01/09/19 10:08	
cis-1,2-Dichloroethene	ug/m3	<0.22	0.81	01/09/19 10:08	
cis-1,3-Dichloropropene	ug/m3	<0.30	0.92	01/09/19 10:08	
Cyclohexane	ug/m3	<0.35	1.8	01/09/19 10:08	
Dibromochloromethane	ug/m3	<0.72	1.7	01/09/19 10:08	
Dichlorodifluoromethane	ug/m3	<0.29	1.0	01/09/19 10:08	
Dichlorotetrafluoroethane	ug/m3	<0.44	1.4	01/09/19 10:08	
Ethanol	ug/m3	<0.81	1.9	01/09/19 10:08	
Ethyl acetate	ug/m3	<0.19	0.73	01/09/19 10:08	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

METHOD BLANK: 3167708 Matrix: Air
Associated Lab Samples: 10460699003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/m3	<0.30	0.88	01/09/19 10:08	
Hexachloro-1,3-butadiene	ug/m3	<2.0	5.4	01/09/19 10:08	
m&p-Xylene	ug/m3	<0.70	1.8	01/09/19 10:08	
Methyl-tert-butyl ether	ug/m3	<0.66	3.7	01/09/19 10:08	
Methylene Chloride	ug/m3	<0.94	3.5	01/09/19 10:08	
n-Heptane	ug/m3	<0.38	0.83	01/09/19 10:08	
n-Hexane	ug/m3	<0.31	0.72	01/09/19 10:08	
Naphthalene	ug/m3	<1.3	2.7	01/09/19 10:08	
o-Xylene	ug/m3	<0.34	0.88	01/09/19 10:08	
Propylene	ug/m3	<0.14	0.35	01/09/19 10:08	
Styrene	ug/m3	<0.34	0.87	01/09/19 10:08	
Tetrachloroethene	ug/m3	<0.31	0.69	01/09/19 10:08	
Tetrahydrofuran	ug/m3	<0.26	0.60	01/09/19 10:08	
Toluene	ug/m3	<0.35	0.77	01/09/19 10:08	
trans-1,2-Dichloroethene	ug/m3	<0.28	0.81	01/09/19 10:08	
trans-1,3-Dichloropropene	ug/m3	<0.44	0.92	01/09/19 10:08	
Trichloroethene	ug/m3	<0.26	0.55	01/09/19 10:08	
Trichlorofluoromethane	ug/m3	<0.37	1.1	01/09/19 10:08	
Vinyl acetate	ug/m3	<0.27	0.72	01/09/19 10:08	
Vinyl chloride	ug/m3	<0.13	0.26	01/09/19 10:08	

LABORATORY CONTROL SAMPLE: 3167709

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	61.8	111	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	77.2	111	70-132	
1,1,2-Trichloroethane	ug/m3	55.5	57.9	104	70-130	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	76.6	98	70-130	
1,1-Dichloroethane	ug/m3	41.1	44.2	108	70-130	
1,1-Dichloroethene	ug/m3	40.3	41.7	104	70-130	
1,2,4-Trichlorobenzene	ug/m3	75.4	80.1	106	56-130	
1,2,4-Trimethylbenzene	ug/m3	50	53.9	108	70-134	
1,2-Dibromoethane (EDB)	ug/m3	78.1	82.4	105	70-130	
1,2-Dichlorobenzene	ug/m3	61.1	63.9	105	70-132	
1,2-Dichloroethane	ug/m3	41.1	46.8	114	70-130	
1,2-Dichloropropane	ug/m3	47	51.3	109	70-130	
1,3,5-Trimethylbenzene	ug/m3	50	53.5	107	70-132	
1,3-Butadiene	ug/m3	22.5	24.4	109	65-130	
1,3-Dichlorobenzene	ug/m3	61.1	62.5	102	70-137	
1,4-Dichlorobenzene	ug/m3	61.1	62.9	103	70-134	
2-Butanone (MEK)	ug/m3	30	31.8	106	70-130	
2-Hexanone	ug/m3	41.6	46.0	111	70-135	
2-Propanol	ug/m3	125	119	95	68-130	
4-Ethyltoluene	ug/m3	50	54.6	109	70-138	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

LABORATORY CONTROL SAMPLE: 3167709

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	41.6	46.1	111	70-131	
Acetone	ug/m3	121	126	105	67-130	
Benzene	ug/m3	32.5	32.6	100	70-130	
Benzyl chloride	ug/m3	52.6	65.9	125	70-130	
Bromodichloromethane	ug/m3	68.1	76.0	112	70-130	
Bromoform	ug/m3	105	87.7	84	70-132	
Bromomethane	ug/m3	39.5	39.7	101	69-130	
Carbon disulfide	ug/m3	31.6	32.5	103	56-137	
Carbon tetrachloride	ug/m3	64	75.0	117	66-131	
Chlorobenzene	ug/m3	46.8	47.4	101	70-130	
Chloroethane	ug/m3	26.8	31.0	116	70-130	
Chloroform	ug/m3	49.6	53.2	107	70-130	
Chloromethane	ug/m3	21	21.5	102	66-130	
cis-1,2-Dichloroethene	ug/m3	40.3	41.8	104	70-130	
cis-1,3-Dichloropropene	ug/m3	46.1	50.3	109	70-133	
Cyclohexane	ug/m3	35	37.7	108	68-132	
Dibromochloromethane	ug/m3	86.6	92.8	107	70-130	
Dichlorodifluoromethane	ug/m3	50.3	54.1	108	70-130	
Dichlorotetrafluoroethane	ug/m3	71	72.4	102	70-130	
Ethanol	ug/m3	91.6	85.4	93	68-133	
Ethyl acetate	ug/m3	36.6	40.2	110	69-130	
Ethylbenzene	ug/m3	44.1	46.1	104	67-131	
Hexachloro-1,3-butadiene	ug/m3	108	121	112	66-137	
m&p-Xylene	ug/m3	88.3	90.9	103	70-132	
Methyl-tert-butyl ether	ug/m3	36.6	39.1	107	70-130	
Methylene Chloride	ug/m3	177	224	127	65-130	
n-Heptane	ug/m3	41.6	43.8	105	65-130	
n-Hexane	ug/m3	35.8	36.9	103	66-130	
Naphthalene	ug/m3	53.3	53.7	101	56-130	
o-Xylene	ug/m3	44.1	45.9	104	70-130	
Propylene	ug/m3	17.5	19.5	112	67-130	
Styrene	ug/m3	43.3	46.2	107	69-136	
Tetrachloroethene	ug/m3	68.9	69.2	100	70-130	
Tetrahydrofuran	ug/m3	30	35.0	117	68-131	
Toluene	ug/m3	38.3	38.1	99	70-130	
trans-1,2-Dichloroethene	ug/m3	40.3	41.4	103	70-130	
trans-1,3-Dichloropropene	ug/m3	46.1	52.0	113	70-134	
Trichloroethene	ug/m3	54.6	54.8	100	70-130	
Trichlorofluoromethane	ug/m3	57.1	61.3	107	65-130	
Vinyl acetate	ug/m3	35.8	39.0	109	61-133	
Vinyl chloride	ug/m3	26	26.4	102	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

SAMPLE DUPLICATE: 3168116

Parameter	Units	10460686001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<374		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<353		25	
1,1,2-Trichloroethane	ug/m3	ND	<302		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	<682		25	
1,1-Dichloroethane	ug/m3	ND	<272		25	
1,1-Dichloroethene	ug/m3	ND	<331		25	
1,2,4-Trichlorobenzene	ug/m3	ND	<4500		25	
1,2,4-Trimethylbenzene	ug/m3	ND	<547		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<443		25	
1,2-Dichlorobenzene	ug/m3	ND	<602		25	
1,2-Dichloroethane	ug/m3	ND	<181		25	
1,2-Dichloropropane	ug/m3	ND	<278		25	
1,3,5-Trimethylbenzene	ug/m3	ND	<483		25	
1,3-Butadiene	ug/m3	ND	<155		25	
1,3-Dichlorobenzene	ug/m3	ND	<703		25	
1,4-Dichlorobenzene	ug/m3	ND	<1210		25	
2-Butanone (MEK)	ug/m3	ND	<446		25	
2-Hexanone	ug/m3	ND	<901		25	
2-Propanol	ug/m3	ND	<843		25	
4-Ethyltoluene	ug/m3	ND	<689		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	<627		25	
Acetone	ug/m3	ND	<1460		25	
Benzene	ug/m3	87600	82100	6	25	
Benzyl chloride	ug/m3	ND	<1450		25	
Bromodichloromethane	ug/m3	ND	<443		25	
Bromoform	ug/m3	ND	<1720		25	
Bromomethane	ug/m3	ND	<275		25	
Carbon disulfide	ug/m3	ND	<265		25	
Carbon tetrachloride	ug/m3	ND	<519		25	
Chlorobenzene	ug/m3	ND	<333		25	
Chloroethane	ug/m3	ND	<314		25	
Chloroform	ug/m3	ND	<237		25	
Chloromethane	ug/m3	ND	<189		25	
cis-1,2-Dichloroethene	ug/m3	ND	<265		25	
cis-1,3-Dichloropropene	ug/m3	ND	<368		25	
Cyclohexane	ug/m3	ND	<427		25	
Dibromochloromethane	ug/m3	ND	<870		25	
Dichlorodifluoromethane	ug/m3	ND	<354		25	
Dichlorotetrafluoroethane	ug/m3	ND	<529		25	
Ethanol	ug/m3	ND	<982		25	
Ethyl acetate	ug/m3	ND	<230		25	
Ethylbenzene	ug/m3	ND	<369		25	
Hexachloro-1,3-butadiene	ug/m3	ND	<2380		25	
m&p-Xylene	ug/m3	ND	1470J		25	
Methyl-tert-butyl ether	ug/m3	ND	<802		25	
Methylene Chloride	ug/m3	ND	<1140		25	
n-Heptane	ug/m3	ND	<460		25	

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REPORT OF LABORATORY ANALYSIS

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Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

SAMPLE DUPLICATE: 3168116

Parameter	Units	10460686001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	ND	<376		25	
Naphthalene	ug/m3	ND	<1600		25	
o-Xylene	ug/m3	ND	710J		25	
Propylene	ug/m3	ND	<173		25	
Styrene	ug/m3	ND	<416		25	
Tetrachloroethene	ug/m3	ND	<380		25	
Tetrahydrofuran	ug/m3	ND	<316		25	
Toluene	ug/m3	12400	11500	7	25	
trans-1,2-Dichloroethene	ug/m3	ND	<345		25	
trans-1,3-Dichloropropene	ug/m3	ND	<532		25	
Trichloroethene	ug/m3	ND	<311		25	
Trichlorofluoromethane	ug/m3	ND	<443		25	
Vinyl acetate	ug/m3	ND	<327		25	
Vinyl chloride	ug/m3	ND	<152		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
CU	The continuing calibration for this analyte is above laboratory acceptance limits. Analyte was not detected above the reporting limit in any of the associated samples..
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 10460699

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10460699001	**SV-3**	TO-15	584568		
10460699002	**SV-2**	TO-15	584568		
10460699003	**SV-12**	TO-15	584707		

WO# : 10460699

10460699

3 MIDWEST REGION
12-607-1700 WI: 920-469-2436

CHAIN OF CUSTODY

(Please Print Clearly)	
Company Name:	APEX COMPANIES
Branch/Location:	Chicago
Project Contact:	STEVE NEWLIN
Phone:	847 687-8095
Project Number:	PECO-2017-100
Project Name:	GREEN TREE
Project State:	Wisconsin
Sampled By (Print):	AHMED N ALI & ROSE G.
Sampled By (Sign):	
PO #:	Regulatory Program:

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: VOCs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	SV-3	1/4	11:39	A			X	1 wk Turnaround		001
	SV-2	1/4	11:48	A			X	↓		002
	SV-12	1/4	11:55	A			X	↓		003

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	snewlin@apexcos.com
Email #2:	rose.grenen@apexcos.com
Telephone:	202-430-9904
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
AHMED N ALI	1/4/19 15:30	PACE	1-8-19 945
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No.

Receipt Temp = °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

C019a(27Jun2006)

Version 6.0 06/14/08

ORIGINAL

Pace Analytical	Document Name: Air Sample Condition Upon Receipt	Document Revised: 11Oct2018 Page 1 of 1
	Document No.: F-MN-A-106-rev.16	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: Apex

Project #: WO#: 10460699

PM: CT1 Due Date: 01/15/19

CLIENT: Apex CO LLC

Courier: [X] Fed Ex [ ] UPS [ ] Speedee [ ] Client [ ] Commercial [ ] Pace [ ] Other:

Tracking Number: 454599081758

Custody Seal on Cooler/Box Present? [ ] Yes [X] No **Seals Intact?** [ ] Yes [X] No

Optional: Proj. Due Date: Proj. Name:

Packing Material: [ ] Bubble Wrap [ ] Bubble Bags [X] Foam [ ] None [ ] Tin Can [ ] Other: **Temp Blank rec:** [ ] Yes [X] No

Temp. (TO17 and TO13 samples only) (°C): — **Corrected Temp (°C):** — **Thermom. Used:** [ ] G87A9170600254 [ ] G87A9155100842

Temp should be above freezing to 6°C **Correction Factor:** **Date & Initials of Person Examining Contents:** EG 1/8/19

Type of Ice Received [ ] Blue [ ] Wet [X] None

			Comments:
Chain of Custody Present?	[X] Yes	[ ] No	1.
Chain of Custody Filled Out?	[X] Yes	[ ] No	2.
Chain of Custody Relinquished?	[X] Yes	[ ] No	3.
Sampler Name and/or Signature on COC?	[X] Yes	[ ] No [ ] N/A	4.
Samples Arrived within Hold Time?	[X] Yes	[ ] No	5.
Short Hold Time Analysis (<72 hr)?	[ ] Yes	[X] No	6.
Rush Turn Around Time Requested?	[ ] Yes	[X] No	7.
Sufficient Volume?	[X] Yes	[ ] No	8.
Correct Containers Used?	[X] Yes	[ ] No	9.
-Pace Containers Used?	[X] Yes	[ ] No	
Containers Intact?	[X] Yes	[ ] No	10.
Media: (Air Can) Airbag Filter TDT Passive			11. Individually Certified Cans Y (N) (list which samples)
Is sufficient information available to reconcile samples to the COC?	[X] Yes	[ ] No	12.

Samples Received: Pressure Gauge # 10AIR35

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
SV-3	0352	2817	-3.5	-5					
" 2	1495	1722	-3.5	"					
" 12	1291	1574	-4.5	"					

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** [ ] Yes [ ] No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Carolyne Trout **Date:** 1/8/19

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

SOIL-VAPOR IMPLANT SAMPLE LOG

Project Name: Greentree Centre

Project Number: PECO_2017-100

Soil-Vapor Implant Installation Date: June 27, 2019

Project Address: 5131 Douglas Avenue, Unit D

Soil-Vapor Sample Date: June 27, 2019

Racine, Wisconsin

SAMPLING INFORMATION

Soil-Vapor Implant Purge Air: 0.0 (Stabilized PID Reading (PPM)) 2.5 (Volume (liters))

Sample Start Time: June 27, 2019 (DATE) 10:38 (TIME)

Leak Test Method: Shut-in Test (Sample Train) Water Dam (Soil-Vapor Implant)

Sample End Time: June 27, 2019 (DATE) 11:17 (TIME)

Shut-in Test: 29 (Max. Vacuum (inches Hg)) 30 (Test Duration (seconds))

Canister Vacuum: 29 (Initial (Inches Hg)) 3 (Final (Inches Hg))

Leak Test Notes: No loss (Shut-in Test)

Analysis Details: Pace Analytical (Laboratory) MN (Location)

No loss (Water Dam)

Sample Delivery: June 27, 2019 (DATE) 15:00 (TIME)

Sample Container Details: 6 (Volume (liters)) 30 (Flow Controler (minutes))

Delivery Method (FedEx, courier, etc.): PACE Schaumburg

METEOROLOGICAL CONDITIONS FOR SAMPLING DAY

Ambient Temperature (°F): 64 (Low) 83 (High)

Sea Level Pressure (inches): 29.3

Average Wind: SE (Direction) 13 (Velocity (mph))

Average Humidity (%): 60

ADDITIONAL DETAILS

Other details for tenant space (e.g. recent construction/renovation, cleaning activities, chemical storage, slab/foundation cracks, HVAC status etc.):

Active dry-cleaning operation, sampled through previous sample location.

Problems or inconsistancies encountered during sampling:

Not Applicable

* Include a site sketch on separate sheet noting sample locations (with measurements), chemical storage areas, former operations areas, etc.

Sample Number: SV-1

Analysis: EPA Method TO-15 (Chlorinated Short List)

SUMMA ID Number: 927

Requested Turnaround Time: Standard

Regulator ID Number: 2243

Sample Crew: Ahmed Ali & Steve Newlin

SOIL-VAPOR IMPLANT SAMPLE LOG

Project Name: Greentree Centre

Project Number: PECO_2017-100

Soil-Vapor Implant Installation Date: June 27, 2019

Project Address: 5131 Douglas Avenue, Unit D

Soil-Vapor Sample Date: June 27, 2019

Racine, Wisconsin

SAMPLING INFORMATION

Soil-Vapor Implant Purge Air: 0.0 (Stabilized PID Reading (PPM)) 2.5 (Volume (liters))

Sample Start Time: June 27, 2019 (DATE) 10:46 (TIME)

Leak Test Method: Shut-in Test (Sample Train) Water Dam (Soil-Vapor Implant)

Sample End Time: June 27, 2019 (DATE) 11:22 (TIME)

Shut-in Test: 29 (Max. Vacuum (inches Hg)) 60 (Test Duration (seconds))

Canister Vacuum: 28 (Initial (Inches Hg)) 3 (Final (Inches Hg))

Leak Test Notes: No loss (Shut-in Test)

Analysis Details: Pace Analytical (Laboratory) MN (Location)

No loss (Water Dam)

Sample Delivery: June 27, 2019 (DATE) 15:00 (TIME)

Sample Container Details: 6 (Volume (liters)) 30 (Flow Controler (minutes))

Delivery Method (FedEx, courier, etc.): PACE Schaumburg

METEOROLOGICAL CONDITIONS FOR SAMPLING DAY

Ambient Temperature (°F): 64 (Low) 83 (High)

Sea Level Pressure (inches): 29.3

Average Wind: SE (Direction) 13 (Velocity (mph))

Average Humidity (%): 60

ADDITIONAL DETAILS

Other details for tenant space (e.g. recent construction/renovation, cleaning activities, chemical storage, slab/foundation cracks, HVAC status etc.):

Active dry-cleaning operation, sampled through previous sample location.

Problems or inconsistancies encountered during sampling:

Not Applicable

* Include a site sketch on separate sheet noting sample locations (with measurements), chemical storage areas, former operations areas, etc.

Sample Number: SV-3

Analysis: EPA Method TO-15 (Chlorinated Short List)

SUMMA ID Number: 270

Requested Turnaround Time: Standard

Regulator ID Number: 2246

Sample Crew: Ahmed Ali & Steve Newlin

SOIL-VAPOR IMPLANT SAMPLE LOG

Project Name: Greentree Centre

Project Number: PECO_2017-100

Soil-Vapor Implant Installation Date: June 27, 2019

Project Address: 5131 Douglas Avenue, Unit D

Soil-Vapor Sample Date: June 27, 2019

Racine, Wisconsin

SAMPLING INFORMATION

Soil-Vapor Implant Purge Air: 0.0 (Stabilized PID Reading (PPM)) 2.5 (Volume (liters))

Sample Start Time: June 27, 2019 (DATE) 9:34 (TIME)

Leak Test Method: Shut-in Test (Sample Train) Water Dam (Soil-Vapor Implant)

Sample End Time: June 27, 2019 (DATE) 10:11 (TIME)

Shut-in Test: 29 (Max. Vacuum (inches Hg)) 30 (Test Duration (seconds))

Canister Vacuum: 29 (Initial (Inches Hg)) 5 (Final (Inches Hg))

Leak Test Notes: No loss (Shut-in Test)

Analysis Details: Pace Analytical (Laboratory) MN (Location)

No loss (Water Dam)

Sample Delivery: June 27, 2019 (DATE) 15:00 (TIME)

Sample Container Details: 6 (Volume (liters)) 30 (Flow Controler (minutes))

Delivery Method (FedEx, courier, etc.): PACE Schaumburg

METEOROLOGICAL CONDITIONS FOR SAMPLING DAY

Ambient Temperature (°F): 64 (Low) 83 (High)

Sea Level Pressure (inches): 29.3

Average Wind: SE (Direction) 13 (Velocity (mph))

Average Humidity (%): 60

ADDITIONAL DETAILS

Other details for tenant space (e.g. recent construction/renovation, cleaning activities, chemical storage, slab/foundation cracks, HVAC status etc.):

Sampled in neighboring Pay Day Loans office. Carpetted floors.

Problems or inconsistancies encountered during sampling:

Not Applicable

* Include a site sketch on separate sheet noting sample locations (with measurements), chemical storage areas, former operations areas, etc.

Sample Number: SV-4

Analysis: EPA Method TO-15 (Chlorinated Short List)

SUMMA ID Number: 145

Requested Turnaround Time: Standard

Regulator ID Number: 2209

Sample Crew: Ahmed Ali & Steve Newlin

SOIL-VAPOR IMPLANT SAMPLE LOG

Project Name: Greentree Centre

Project Number: PECO_2017-100

Soil-Vapor Implant Installation Date: June 27, 2019

Project Address: 5131 Douglas Avenue, Unit D

Soil-Vapor Sample Date: June 27, 2019

Racine, Wisconsin

SAMPLING INFORMATION

Soil-Vapor Implant Purge Air: 2.0 (Stabilized PID Reading (PPM)) 2.5 (Volume (liters))

Sample Start Time: June 27, 2019 (DATE) 10:54 (TIME)

Leak Test Method: Shut-in Test (Sample Train) Water Dam (Soil-Vapor Implant)

Sample End Time: June 27, 2019 (DATE) 11:31 (TIME)

Shut-in Test: 26 (Max. Vacuum (inches Hg)) 60 (Test Duration (seconds))

Canister Vacuum: 27 (Initial (Inches Hg)) 4 (Final (Inches Hg))

Leak Test Notes: No loss (Shut-in Test)

Analysis Details: Pace Analytical (Laboratory) MN (Location)

No loss (Water Dam)

Sample Delivery: June 27, 2019 (DATE) 15:00 (TIME)

Sample Container Details: 6 (Volume (liters)) 30 (Flow Controler (minutes))

Delivery Method (FedEx, courier, etc.): PACE Schaumburg

METEOROLOGICAL CONDITIONS FOR SAMPLING DAY

Ambient Temperature (°F): 64 (Low) 83 (High)

Sea Level Pressure (inches): 29.3

Average Wind: SE (Direction) 13 (Velocity (mph))

Average Humidity (%): 60

ADDITIONAL DETAILS

Other details for tenant space (e.g. recent construction/renovation, cleaning activities, chemical storage, slab/foundation cracks, HVAC status etc.):

Active dry-cleaning operation, sampled through previous sample location.

Problems or inconsistancies encountered during sampling:

Not Applicable

* Include a site sketch on separate sheet noting sample locations (with measurements), chemical storage areas, former operations areas, etc.

Sample Number: SV-12

Analysis: EPA Method TO-15 (Chlorinated Short List)

SUMMA ID Number: 933

Requested Turnaround Time: Standard

Regulator ID Number: 2188

Sample Crew: Ahmed Ali & Steve Newlin

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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(612)607-1700

July 11, 2019

Steve Newlin
Apex Companies
300 S. Wacker
Chicago, IL 60606

RE: Project: PECO-2017-100 Green Tree Corne
Pace Project No.: 10481735

Dear Steve Newlin:
Enclosed are the analytical results for sample(s) received by the laboratory on July 02, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
carolynne.trout@pacelabs.com
1(612)607-6351
Project Manager

Enclosures

cc: Ahmed Ali, Apex Companies LLC

Pace Analytical Services, LLC
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CERTIFICATIONS

Project: PECO-2017-100 Green Tree Corne
Pace Project No.: 10481735

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certifcation #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Vermont Certification #: VT-027053137
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01

Pace Analytical Services, LLC
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SAMPLE SUMMARY

Project: PECO-2017-100 Green Tree Corne
Pace Project No.: 10481735

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10481735001	**SV-4**	Air	06/27/19 10:11	07/02/19 11:35
10481735002	**SV-1**	Air	06/27/19 11:17	07/02/19 11:35
10481735003	**SV-3**	Air	06/27/19 11:22	07/02/19 11:35
10481735004	**SV-12**	Air	06/27/19 11:31	07/02/19 11:35

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SAMPLE ANALYTE COUNT

Project: PECO-2017-100 Green Tree Corne
Pace Project No.: 10481735

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10481735001	**SV-4**	TO-15	MLS	61
10481735002	**SV-1**	TO-15	MLS	61
10481735003	**SV-3**	TO-15	MLS	61
10481735004	**SV-12**	TO-15	MLS	61

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ANALYTICAL RESULTS

Project: PECO-2017-100 Green Tree Corne
Pace Project No.: 10481735

Sample: SV-4 **Lab ID: 10481735001** Collected: 06/27/19 10:11 Received: 07/02/19 11:35 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**24.8**	ug/m3	3.7	1.8	1.52		07/09/19 22:25	67-64-1	
Benzene	**0.50**	ug/m3	0.49	0.23	1.52		07/09/19 22:25	71-43-2	
Benzyl chloride	**<1.8**	ug/m3	4.0	1.8	1.52		07/09/19 22:25	100-44-7	
Bromodichloromethane	**<0.56**	ug/m3	2.1	0.56	1.52		07/09/19 22:25	75-27-4	
Bromoform	**<2.2**	ug/m3	8.0	2.2	1.52		07/09/19 22:25	75-25-2	
Bromomethane	**<0.35**	ug/m3	1.2	0.35	1.52		07/09/19 22:25	74-83-9	
1,3-Butadiene	**<0.19**	ug/m3	0.68	0.19	1.52		07/09/19 22:25	106-99-0	
2-Butanone (MEK)	**<0.56**	ug/m3	4.6	0.56	1.52		07/09/19 22:25	78-93-3	
Carbon disulfide	**<0.33**	ug/m3	0.96	0.33	1.52		07/09/19 22:25	75-15-0	
Carbon tetrachloride	**0.66J**	ug/m3	1.9	0.65	1.52		07/09/19 22:25	56-23-5	
Chlorobenzene	**<0.42**	ug/m3	1.4	0.42	1.52		07/09/19 22:25	108-90-7	
Chloroethane	**<0.40**	ug/m3	2.0	0.40	1.52		07/09/19 22:25	75-00-3	
Chloroform	**0.58J**	ug/m3	0.75	0.30	1.52		07/09/19 22:25	67-66-3	
Chloromethane	**0.26J**	ug/m3	0.64	0.24	1.52		07/09/19 22:25	74-87-3	
Cyclohexane	**<0.54**	ug/m3	2.7	0.54	1.52		07/09/19 22:25	110-82-7	
Dibromochloromethane	**<1.1**	ug/m3	2.6	1.1	1.52		07/09/19 22:25	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/m3	1.2	0.56	1.52		07/09/19 22:25	106-93-4	
1,2-Dichlorobenzene	**<0.76**	ug/m3	1.9	0.76	1.52		07/09/19 22:25	95-50-1	
1,3-Dichlorobenzene	**<0.88**	ug/m3	1.9	0.88	1.52		07/09/19 22:25	541-73-1	
1,4-Dichlorobenzene	**<1.5**	ug/m3	4.7	1.5	1.52		07/09/19 22:25	106-46-7	
Dichlorodifluoromethane	**2.9**	ug/m3	1.5	0.45	1.52		07/09/19 22:25	75-71-8	
1,1-Dichloroethane	**<0.34**	ug/m3	1.3	0.34	1.52		07/09/19 22:25	75-34-3	
1,2-Dichloroethane	**<0.23**	ug/m3	0.62	0.23	1.52		07/09/19 22:25	107-06-2	
1,1-Dichloroethene	**<0.42**	ug/m3	1.2	0.42	1.52		07/09/19 22:25	75-35-4	
cis-1,2-Dichloroethene	**<0.33**	ug/m3	1.2	0.33	1.52		07/09/19 22:25	156-59-2	
trans-1,2-Dichloroethene	**<0.43**	ug/m3	1.2	0.43	1.52		07/09/19 22:25	156-60-5	
1,2-Dichloropropane	**<0.35**	ug/m3	1.4	0.35	1.52		07/09/19 22:25	78-87-5	
cis-1,3-Dichloropropene	**<0.46**	ug/m3	1.4	0.46	1.52		07/09/19 22:25	10061-01-5	
trans-1,3-Dichloropropene	**<0.67**	ug/m3	1.4	0.67	1.52		07/09/19 22:25	10061-02-6	
Dichlorotetrafluoroethane	**<0.66**	ug/m3	2.2	0.66	1.52		07/09/19 22:25	76-14-2	
Ethanol	**127**	ug/m3	2.9	1.2	1.52		07/09/19 22:25	64-17-5	
Ethyl acetate	**<0.29**	ug/m3	1.1	0.29	1.52		07/09/19 22:25	141-78-6	
Ethylbenzene	**0.93J**	ug/m3	1.3	0.46	1.52		07/09/19 22:25	100-41-4	
4-Ethyltoluene	**<0.87**	ug/m3	3.8	0.87	1.52		07/09/19 22:25	622-96-8	
n-Heptane	**1.1J**	ug/m3	1.3	0.58	1.52		07/09/19 22:25	142-82-5	
Hexachloro-1,3-butadiene	**<3.0**	ug/m3	8.2	3.0	1.52		07/09/19 22:25	87-68-3	
n-Hexane	**16.7**	ug/m3	1.1	0.47	1.52		07/09/19 22:25	110-54-3	
2-Hexanone	**<1.1**	ug/m3	6.3	1.1	1.52		07/09/19 22:25	591-78-6	
Methylene Chloride	**105**	ug/m3	5.4	1.4	1.52		07/09/19 22:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.79**	ug/m3	6.3	0.79	1.52		07/09/19 22:25	108-10-1	
Methyl-tert-butyl ether	**<1.0**	ug/m3	5.6	1.0	1.52		07/09/19 22:25	1634-04-4	
Naphthalene	**<2.0**	ug/m3	4.0	2.0	1.52		07/09/19 22:25	91-20-3	
2-Propanol	**<1.1**	ug/m3	3.8	1.1	1.52		07/09/19 22:25	67-63-0	
Propylene	**<0.22**	ug/m3	0.53	0.22	1.52		07/09/19 22:25	115-07-1	
Styrene	**<0.52**	ug/m3	1.3	0.52	1.52		07/09/19 22:25	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.44**	ug/m3	1.1	0.44	1.52		07/09/19 22:25	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: PECO-2017-100 Green Tree Corne
Pace Project No.: 10481735

Sample: SV-4 **Lab ID: 10481735001** Collected: 06/27/19 10:11 Received: 07/02/19 11:35 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**4.3**	ug/m3	1.0	0.48	1.52		07/09/19 22:25	127-18-4	
Tetrahydrofuran	**<0.40**	ug/m3	0.91	0.40	1.52		07/09/19 22:25	109-99-9	
Toluene	**4.7**	ug/m3	1.2	0.53	1.52		07/09/19 22:25	108-88-3	
1,2,4-Trichlorobenzene	**<5.7**	ug/m3	11.5	5.7	1.52		07/09/19 22:25	120-82-1	
1,1,1-Trichloroethane	**<0.47**	ug/m3	1.7	0.47	1.52		07/09/19 22:25	71-55-6	
1,1,2-Trichloroethane	**<0.38**	ug/m3	1.7	0.38	1.52		07/09/19 22:25	79-00-5	
Trichloroethene	**<0.39**	ug/m3	0.83	0.39	1.52		07/09/19 22:25	79-01-6	
Trichlorofluoromethane	**1.4J**	ug/m3	1.7	0.56	1.52		07/09/19 22:25	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.86**	ug/m3	2.4	0.86	1.52		07/09/19 22:25	76-13-1	
1,2,4-Trimethylbenzene	**1.2J**	ug/m3	1.5	0.69	1.52		07/09/19 22:25	95-63-6	
1,3,5-Trimethylbenzene	**<0.61**	ug/m3	1.5	0.61	1.52		07/09/19 22:25	108-67-8	
Vinyl acetate	**<0.41**	ug/m3	1.1	0.41	1.52		07/09/19 22:25	108-05-4	
Vinyl chloride	**<0.19**	ug/m3	0.40	0.19	1.52		07/09/19 22:25	75-01-4	
m&p-Xylene	**2.9**	ug/m3	2.7	1.1	1.52		07/09/19 22:25	179601-23-1	
o-Xylene	**0.90J**	ug/m3	1.3	0.52	1.52		07/09/19 22:25	95-47-6	

Sample: SV-1 **Lab ID: 10481735002** Collected: 06/27/19 11:17 Received: 07/02/19 11:35 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**56.2**	ug/m3	3.6	1.8	1.49		07/09/19 21:53	67-64-1	
Benzene	**0.61**	ug/m3	0.48	0.23	1.49		07/09/19 21:53	71-43-2	
Benzyl chloride	**<1.8**	ug/m3	3.9	1.8	1.49		07/09/19 21:53	100-44-7	
Bromodichloromethane	**<0.55**	ug/m3	2.0	0.55	1.49		07/09/19 21:53	75-27-4	
Bromoform	**<2.1**	ug/m3	7.8	2.1	1.49		07/09/19 21:53	75-25-2	
Bromomethane	**<0.34**	ug/m3	1.2	0.34	1.49		07/09/19 21:53	74-83-9	
1,3-Butadiene	**<0.19**	ug/m3	0.67	0.19	1.49		07/09/19 21:53	106-99-0	
2-Butanone (MEK)	**6.3**	ug/m3	4.5	0.55	1.49		07/09/19 21:53	78-93-3	
Carbon disulfide	**0.66J**	ug/m3	0.94	0.33	1.49		07/09/19 21:53	75-15-0	
Carbon tetrachloride	**<0.64**	ug/m3	1.9	0.64	1.49		07/09/19 21:53	56-23-5	
Chlorobenzene	**<0.41**	ug/m3	1.4	0.41	1.49		07/09/19 21:53	108-90-7	
Chloroethane	**<0.39**	ug/m3	2.0	0.39	1.49		07/09/19 21:53	75-00-3	
Chloroform	**2.2**	ug/m3	0.74	0.29	1.49		07/09/19 21:53	67-66-3	
Chloromethane	**<0.23**	ug/m3	0.63	0.23	1.49		07/09/19 21:53	74-87-3	
Cyclohexane	**1.4J**	ug/m3	2.6	0.53	1.49		07/09/19 21:53	110-82-7	
Dibromochloromethane	**<1.1**	ug/m3	2.6	1.1	1.49		07/09/19 21:53	124-48-1	
1,2-Dibromoethane (EDB)	**<0.55**	ug/m3	1.2	0.55	1.49		07/09/19 21:53	106-93-4	
1,2-Dichlorobenzene	**<0.74**	ug/m3	1.8	0.74	1.49		07/09/19 21:53	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/m3	1.8	0.87	1.49		07/09/19 21:53	541-73-1	
1,4-Dichlorobenzene	**<1.5**	ug/m3	4.6	1.5	1.49		07/09/19 21:53	106-46-7	
Dichlorodifluoromethane	**139**	ug/m3	1.5	0.44	1.49		07/09/19 21:53	75-71-8	
1,1-Dichloroethane	**<0.34**	ug/m3	1.2	0.34	1.49		07/09/19 21:53	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/m3	0.61	0.22	1.49		07/09/19 21:53	107-06-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: PECO-2017-100 Green Tree Corne
Pace Project No.: 10481735

Sample: SV-1 **Lab ID: 10481735002** Collected: 06/27/19 11:17 Received: 07/02/19 11:35 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
1,1-Dichloroethene	**<0.41**	ug/m3	1.2	0.41	1.49		07/09/19 21:53	75-35-4	
cis-1,2-Dichloroethene	**<0.33**	ug/m3	1.2	0.33	1.49		07/09/19 21:53	156-59-2	
trans-1,2-Dichloroethene	**<0.42**	ug/m3	1.2	0.42	1.49		07/09/19 21:53	156-60-5	
1,2-Dichloropropane	**<0.34**	ug/m3	1.4	0.34	1.49		07/09/19 21:53	78-87-5	
cis-1,3-Dichloropropene	**<0.45**	ug/m3	1.4	0.45	1.49		07/09/19 21:53	10061-01-5	
trans-1,3-Dichloropropene	**<0.66**	ug/m3	1.4	0.66	1.49		07/09/19 21:53	10061-02-6	
Dichlorotetrafluoroethane	**<0.65**	ug/m3	2.1	0.65	1.49		07/09/19 21:53	76-14-2	
Ethanol	**734**	ug/m3	2.9	1.2	1.49		07/09/19 21:53	64-17-5	E
Ethyl acetate	**2.5**	ug/m3	1.1	0.28	1.49		07/09/19 21:53	141-78-6	
Ethylbenzene	**1.0J**	ug/m3	1.3	0.45	1.49		07/09/19 21:53	100-41-4	
4-Ethyltoluene	**6.6**	ug/m3	3.7	0.85	1.49		07/09/19 21:53	622-96-8	
n-Heptane	**<0.57**	ug/m3	1.2	0.57	1.49		07/09/19 21:53	142-82-5	
Hexachloro-1,3-butadiene	**<2.9**	ug/m3	8.1	2.9	1.49		07/09/19 21:53	87-68-3	
n-Hexane	**<0.46**	ug/m3	1.1	0.46	1.49		07/09/19 21:53	110-54-3	
2-Hexanone	**<1.1**	ug/m3	6.2	1.1	1.49		07/09/19 21:53	591-78-6	
Methylene Chloride	**19.6**	ug/m3	5.3	1.4	1.49		07/09/19 21:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	**2.7J**	ug/m3	6.2	0.77	1.49		07/09/19 21:53	108-10-1	
Methyl-tert-butyl ether	**<0.99**	ug/m3	5.5	0.99	1.49		07/09/19 21:53	1634-04-4	
Naphthalene	**2.9J**	ug/m3	4.0	2.0	1.49		07/09/19 21:53	91-20-3	
2-Propanol	**36.7**	ug/m3	3.7	1.0	1.49		07/09/19 21:53	67-63-0	
Propylene	**<0.21**	ug/m3	0.52	0.21	1.49		07/09/19 21:53	115-07-1	
Styrene	**<0.51**	ug/m3	1.3	0.51	1.49		07/09/19 21:53	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.44**	ug/m3	1.0	0.44	1.49		07/09/19 21:53	79-34-5	
Tetrachloroethene	**30.8**	ug/m3	1.0	0.47	1.49		07/09/19 21:53	127-18-4	
Tetrahydrofuran	**<0.39**	ug/m3	0.89	0.39	1.49		07/09/19 21:53	109-99-9	
Toluene	**3.9**	ug/m3	1.1	0.52	1.49		07/09/19 21:53	108-88-3	
1,2,4-Trichlorobenzene	**<5.5**	ug/m3	11.2	5.5	1.49		07/09/19 21:53	120-82-1	
1,1,1-Trichloroethane	**<0.46**	ug/m3	1.7	0.46	1.49		07/09/19 21:53	71-55-6	
1,1,2-Trichloroethane	**<0.37**	ug/m3	1.7	0.37	1.49		07/09/19 21:53	79-00-5	
Trichloroethene	**1.1**	ug/m3	0.81	0.38	1.49		07/09/19 21:53	79-01-6	
Trichlorofluoromethane	**2.9**	ug/m3	1.7	0.55	1.49		07/09/19 21:53	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.84**	ug/m3	2.3	0.84	1.49		07/09/19 21:53	76-13-1	
1,2,4-Trimethylbenzene	**15.3**	ug/m3	1.5	0.67	1.49		07/09/19 21:53	95-63-6	
1,3,5-Trimethylbenzene	**8.5**	ug/m3	1.5	0.59	1.49		07/09/19 21:53	108-67-8	
Vinyl acetate	**<0.40**	ug/m3	1.1	0.40	1.49		07/09/19 21:53	108-05-4	
Vinyl chloride	**<0.19**	ug/m3	0.39	0.19	1.49		07/09/19 21:53	75-01-4	
m&p-Xylene	**3.6**	ug/m3	2.6	1.0	1.49		07/09/19 21:53	179601-23-1	
o-Xylene	**3.8**	ug/m3	1.3	0.51	1.49		07/09/19 21:53	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: PECO-2017-100 Green Tree Corne
Pace Project No.: 10481735

Sample: SV-3 **Lab ID: 10481735003** Collected: 06/27/19 11:22 Received: 07/02/19 11:35 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**47.6**	ug/m3	3.7	1.9	1.55		07/09/19 21:23	67-64-1	
Benzene	**0.62**	ug/m3	0.50	0.24	1.55		07/09/19 21:23	71-43-2	
Benzyl chloride	**<1.9**	ug/m3	4.1	1.9	1.55		07/09/19 21:23	100-44-7	
Bromodichloromethane	**0.70J**	ug/m3	2.1	0.57	1.55		07/09/19 21:23	75-27-4	
Bromoform	**<2.2**	ug/m3	8.1	2.2	1.55		07/09/19 21:23	75-25-2	
Bromomethane	**<0.35**	ug/m3	1.2	0.35	1.55		07/09/19 21:23	74-83-9	
1,3-Butadiene	**<0.20**	ug/m3	0.70	0.20	1.55		07/09/19 21:23	106-99-0	
2-Butanone (MEK)	**5.7**	ug/m3	4.6	0.57	1.55		07/09/19 21:23	78-93-3	
Carbon disulfide	**<0.34**	ug/m3	0.98	0.34	1.55		07/09/19 21:23	75-15-0	
Carbon tetrachloride	**0.69J**	ug/m3	2.0	0.66	1.55		07/09/19 21:23	56-23-5	
Chlorobenzene	**<0.43**	ug/m3	1.5	0.43	1.55		07/09/19 21:23	108-90-7	
Chloroethane	**<0.40**	ug/m3	2.1	0.40	1.55		07/09/19 21:23	75-00-3	
Chloroform	**16.2**	ug/m3	0.77	0.30	1.55		07/09/19 21:23	67-66-3	
Chloromethane	**<0.24**	ug/m3	0.65	0.24	1.55		07/09/19 21:23	74-87-3	
Cyclohexane	**1.3J**	ug/m3	2.7	0.55	1.55		07/09/19 21:23	110-82-7	
Dibromochloromethane	**<1.1**	ug/m3	2.7	1.1	1.55		07/09/19 21:23	124-48-1	
1,2-Dibromoethane (EDB)	**<0.57**	ug/m3	1.2	0.57	1.55		07/09/19 21:23	106-93-4	
1,2-Dichlorobenzene	**<0.77**	ug/m3	1.9	0.77	1.55		07/09/19 21:23	95-50-1	
1,3-Dichlorobenzene	**1.8J**	ug/m3	1.9	0.90	1.55		07/09/19 21:23	541-73-1	
1,4-Dichlorobenzene	**<1.6**	ug/m3	4.7	1.6	1.55		07/09/19 21:23	106-46-7	
Dichlorodifluoromethane	**3.3**	ug/m3	1.6	0.45	1.55		07/09/19 21:23	75-71-8	
1,1-Dichloroethane	**<0.35**	ug/m3	1.3	0.35	1.55		07/09/19 21:23	75-34-3	
1,2-Dichloroethane	**<0.23**	ug/m3	0.64	0.23	1.55		07/09/19 21:23	107-06-2	
1,1-Dichloroethene	**<0.42**	ug/m3	1.2	0.42	1.55		07/09/19 21:23	75-35-4	
cis-1,2-Dichloroethene	**<0.34**	ug/m3	1.2	0.34	1.55		07/09/19 21:23	156-59-2	
trans-1,2-Dichloroethene	**<0.44**	ug/m3	1.2	0.44	1.55		07/09/19 21:23	156-60-5	
1,2-Dichloropropane	**<0.36**	ug/m3	1.5	0.36	1.55		07/09/19 21:23	78-87-5	
cis-1,3-Dichloropropene	**<0.47**	ug/m3	1.4	0.47	1.55		07/09/19 21:23	10061-01-5	
trans-1,3-Dichloropropene	**<0.68**	ug/m3	1.4	0.68	1.55		07/09/19 21:23	10061-02-6	
Dichlorotetrafluoroethane	**<0.68**	ug/m3	2.2	0.68	1.55		07/09/19 21:23	76-14-2	
Ethanol	**666**	ug/m3	3.0	1.3	1.55		07/09/19 21:23	64-17-5	E
Ethyl acetate	**<0.29**	ug/m3	1.1	0.29	1.55		07/09/19 21:23	141-78-6	
Ethylbenzene	**1.1J**	ug/m3	1.4	0.47	1.55		07/09/19 21:23	100-41-4	
4-Ethyltoluene	**6.1**	ug/m3	3.9	0.88	1.55		07/09/19 21:23	622-96-8	
n-Heptane	**<0.59**	ug/m3	1.3	0.59	1.55		07/09/19 21:23	142-82-5	
Hexachloro-1,3-butadiene	**<3.1**	ug/m3	8.4	3.1	1.55		07/09/19 21:23	87-68-3	
n-Hexane	**1.3**	ug/m3	1.1	0.48	1.55		07/09/19 21:23	110-54-3	
2-Hexanone	**<1.2**	ug/m3	6.4	1.2	1.55		07/09/19 21:23	591-78-6	
Methylene Chloride	**17.9**	ug/m3	5.5	1.5	1.55		07/09/19 21:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	**0.94J**	ug/m3	6.4	0.80	1.55		07/09/19 21:23	108-10-1	
Methyl-tert-butyl ether	**<1.0**	ug/m3	5.7	1.0	1.55		07/09/19 21:23	1634-04-4	
Naphthalene	**2.3J**	ug/m3	4.1	2.0	1.55		07/09/19 21:23	91-20-3	
2-Propanol	**37.2**	ug/m3	3.9	1.1	1.55		07/09/19 21:23	67-63-0	
Propylene	**<0.22**	ug/m3	0.54	0.22	1.55		07/09/19 21:23	115-07-1	
Styrene	**<0.53**	ug/m3	1.3	0.53	1.55		07/09/19 21:23	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.45**	ug/m3	1.1	0.45	1.55		07/09/19 21:23	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: PECO-2017-100 Green Tree Corne
Pace Project No.: 10481735

Sample: SV-3 **Lab ID: 10481735003** Collected: 06/27/19 11:22 Received: 07/02/19 11:35 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**61.0**	ug/m3	1.1	0.49	1.55		07/09/19 21:23	127-18-4	
Tetrahydrofuran	**<0.40**	ug/m3	0.93	0.40	1.55		07/09/19 21:23	109-99-9	
Toluene	**3.1**	ug/m3	1.2	0.54	1.55		07/09/19 21:23	108-88-3	
1,2,4-Trichlorobenzene	**<5.8**	ug/m3	11.7	5.8	1.55		07/09/19 21:23	120-82-1	
1,1,1-Trichloroethane	**<0.48**	ug/m3	1.7	0.48	1.55		07/09/19 21:23	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/m3	1.7	0.39	1.55		07/09/19 21:23	79-00-5	
Trichloroethene	**2.1**	ug/m3	0.85	0.40	1.55		07/09/19 21:23	79-01-6	
Trichlorofluoromethane	**1.5J**	ug/m3	1.8	0.57	1.55		07/09/19 21:23	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.87**	ug/m3	2.4	0.87	1.55		07/09/19 21:23	76-13-1	
1,2,4-Trimethylbenzene	**10.3**	ug/m3	1.5	0.70	1.55		07/09/19 21:23	95-63-6	
1,3,5-Trimethylbenzene	**4.7**	ug/m3	1.5	0.62	1.55		07/09/19 21:23	108-67-8	
Vinyl acetate	**<0.42**	ug/m3	1.1	0.42	1.55		07/09/19 21:23	108-05-4	
Vinyl chloride	**<0.20**	ug/m3	0.40	0.20	1.55		07/09/19 21:23	75-01-4	
m&p-Xylene	**4.1**	ug/m3	2.7	1.1	1.55		07/09/19 21:23	179601-23-1	
o-Xylene	**3.0**	ug/m3	1.4	0.53	1.55		07/09/19 21:23	95-47-6	

Sample: SV-12 **Lab ID: 10481735004** Collected: 06/27/19 11:31 Received: 07/02/19 11:35 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**42.6**	ug/m3	3.7	1.8	1.52		07/09/19 20:52	67-64-1	
Benzene	**0.72**	ug/m3	0.49	0.23	1.52		07/09/19 20:52	71-43-2	
Benzyl chloride	**<1.8**	ug/m3	4.0	1.8	1.52		07/09/19 20:52	100-44-7	
Bromodichloromethane	**0.98J**	ug/m3	2.1	0.56	1.52		07/09/19 20:52	75-27-4	
Bromoform	**<2.2**	ug/m3	8.0	2.2	1.52		07/09/19 20:52	75-25-2	
Bromomethane	**<0.35**	ug/m3	1.2	0.35	1.52		07/09/19 20:52	74-83-9	
1,3-Butadiene	**<0.19**	ug/m3	0.68	0.19	1.52		07/09/19 20:52	106-99-0	
2-Butanone (MEK)	**3.7J**	ug/m3	4.6	0.56	1.52		07/09/19 20:52	78-93-3	
Carbon disulfide	**0.49J**	ug/m3	0.96	0.33	1.52		07/09/19 20:52	75-15-0	
Carbon tetrachloride	**<0.65**	ug/m3	1.9	0.65	1.52		07/09/19 20:52	56-23-5	
Chlorobenzene	**<0.42**	ug/m3	1.4	0.42	1.52		07/09/19 20:52	108-90-7	
Chloroethane	**<0.40**	ug/m3	2.0	0.40	1.52		07/09/19 20:52	75-00-3	
Chloroform	**11.5**	ug/m3	0.75	0.30	1.52		07/09/19 20:52	67-66-3	
Chloromethane	**<0.24**	ug/m3	0.64	0.24	1.52		07/09/19 20:52	74-87-3	
Cyclohexane	**<0.54**	ug/m3	2.7	0.54	1.52		07/09/19 20:52	110-82-7	
Dibromochloromethane	**<1.1**	ug/m3	2.6	1.1	1.52		07/09/19 20:52	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/m3	1.2	0.56	1.52		07/09/19 20:52	106-93-4	
1,2-Dichlorobenzene	**<0.76**	ug/m3	1.9	0.76	1.52		07/09/19 20:52	95-50-1	
1,3-Dichlorobenzene	**1.1J**	ug/m3	1.9	0.88	1.52		07/09/19 20:52	541-73-1	
1,4-Dichlorobenzene	**<1.5**	ug/m3	4.7	1.5	1.52		07/09/19 20:52	106-46-7	
Dichlorodifluoromethane	**2.8**	ug/m3	1.5	0.45	1.52		07/09/19 20:52	75-71-8	
1,1-Dichloroethane	**<0.34**	ug/m3	1.3	0.34	1.52		07/09/19 20:52	75-34-3	
1,2-Dichloroethane	**<0.23**	ug/m3	0.62	0.23	1.52		07/09/19 20:52	107-06-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: PECO-2017-100 Green Tree Corne
Pace Project No.: 10481735

Sample: SV-12 **Lab ID: 10481735004** Collected: 06/27/19 11:31 Received: 07/02/19 11:35 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
1,1-Dichloroethene	**<0.42**	ug/m3	1.2	0.42	1.52		07/09/19 20:52	75-35-4	
cis-1,2-Dichloroethene	**<0.33**	ug/m3	1.2	0.33	1.52		07/09/19 20:52	156-59-2	
trans-1,2-Dichloroethene	**<0.43**	ug/m3	1.2	0.43	1.52		07/09/19 20:52	156-60-5	
1,2-Dichloropropane	**<0.35**	ug/m3	1.4	0.35	1.52		07/09/19 20:52	78-87-5	
cis-1,3-Dichloropropene	**<0.46**	ug/m3	1.4	0.46	1.52		07/09/19 20:52	10061-01-5	
trans-1,3-Dichloropropene	**<0.67**	ug/m3	1.4	0.67	1.52		07/09/19 20:52	10061-02-6	
Dichlorotetrafluoroethane	**<0.66**	ug/m3	2.2	0.66	1.52		07/09/19 20:52	76-14-2	
Ethanol	**780**	ug/m3	2.9	1.2	1.52		07/09/19 20:52	64-17-5	E
Ethyl acetate	**<0.29**	ug/m3	1.1	0.29	1.52		07/09/19 20:52	141-78-6	
Ethylbenzene	**1.3J**	ug/m3	1.3	0.46	1.52		07/09/19 20:52	100-41-4	
4-Ethyltoluene	**17.8**	ug/m3	3.8	0.87	1.52		07/09/19 20:52	622-96-8	
n-Heptane	**2.4**	ug/m3	1.3	0.58	1.52		07/09/19 20:52	142-82-5	
Hexachloro-1,3-butadiene	**<3.0**	ug/m3	8.2	3.0	1.52		07/09/19 20:52	87-68-3	
n-Hexane	**<0.47**	ug/m3	1.1	0.47	1.52		07/09/19 20:52	110-54-3	
2-Hexanone	**<1.1**	ug/m3	6.3	1.1	1.52		07/09/19 20:52	591-78-6	
Methylene Chloride	**22.1**	ug/m3	5.4	1.4	1.52		07/09/19 20:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	**3.1J**	ug/m3	6.3	0.79	1.52		07/09/19 20:52	108-10-1	
Methyl-tert-butyl ether	**<1.0**	ug/m3	5.6	1.0	1.52		07/09/19 20:52	1634-04-4	
Naphthalene	**4.8**	ug/m3	4.0	2.0	1.52		07/09/19 20:52	91-20-3	
2-Propanol	**26.7**	ug/m3	3.8	1.1	1.52		07/09/19 20:52	67-63-0	
Propylene	**<0.22**	ug/m3	0.53	0.22	1.52		07/09/19 20:52	115-07-1	
Styrene	**<0.52**	ug/m3	1.3	0.52	1.52		07/09/19 20:52	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.44**	ug/m3	1.1	0.44	1.52		07/09/19 20:52	79-34-5	
Tetrachloroethene	**83.8**	ug/m3	1.0	0.48	1.52		07/09/19 20:52	127-18-4	
Tetrahydrofuran	**<0.40**	ug/m3	0.91	0.40	1.52		07/09/19 20:52	109-99-9	
Toluene	**4.6**	ug/m3	1.2	0.53	1.52		07/09/19 20:52	108-88-3	
1,2,4-Trichlorobenzene	**<5.7**	ug/m3	11.5	5.7	1.52		07/09/19 20:52	120-82-1	
1,1,1-Trichloroethane	**<0.47**	ug/m3	1.7	0.47	1.52		07/09/19 20:52	71-55-6	
1,1,2-Trichloroethane	**<0.38**	ug/m3	1.7	0.38	1.52		07/09/19 20:52	79-00-5	
Trichloroethene	**2.5**	ug/m3	0.83	0.39	1.52		07/09/19 20:52	79-01-6	
Trichlorofluoromethane	**1.5J**	ug/m3	1.7	0.56	1.52		07/09/19 20:52	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.86**	ug/m3	2.4	0.86	1.52		07/09/19 20:52	76-13-1	
1,2,4-Trimethylbenzene	**31.7**	ug/m3	1.5	0.69	1.52		07/09/19 20:52	95-63-6	
1,3,5-Trimethylbenzene	**16.0**	ug/m3	1.5	0.61	1.52		07/09/19 20:52	108-67-8	
Vinyl acetate	**<0.41**	ug/m3	1.1	0.41	1.52		07/09/19 20:52	108-05-4	
Vinyl chloride	**<0.19**	ug/m3	0.40	0.19	1.52		07/09/19 20:52	75-01-4	
m&p-Xylene	**5.4**	ug/m3	2.7	1.1	1.52		07/09/19 20:52	179601-23-1	
o-Xylene	**8.8**	ug/m3	1.3	0.52	1.52		07/09/19 20:52	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: PECO-2017-100 Green Tree Corne
Pace Project No.: 10481735

QC Batch: 618244 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10481735001, 10481735002, 10481735003, 10481735004

METHOD BLANK: 3338694 Matrix: Air
Associated Lab Samples: 10481735001, 10481735002, 10481735003, 10481735004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.31	1.1	07/09/19 09:00	
1,1,2,2-Tetrachloroethane	ug/m3	<0.29	0.70	07/09/19 09:00	
1,1,2-Trichloroethane	ug/m3	<0.25	1.1	07/09/19 09:00	MN
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.56	1.6	07/09/19 09:00	
1,1-Dichloroethane	ug/m3	<0.22	0.82	07/09/19 09:00	
1,1-Dichloroethene	ug/m3	<0.27	0.81	07/09/19 09:00	
1,2,4-Trichlorobenzene	ug/m3	<3.7	7.5	07/09/19 09:00	
1,2,4-Trimethylbenzene	ug/m3	<0.45	1.0	07/09/19 09:00	
1,2-Dibromoethane (EDB)	ug/m3	<0.37	0.78	07/09/19 09:00	
1,2-Dichlorobenzene	ug/m3	<0.50	1.2	07/09/19 09:00	
1,2-Dichloroethane	ug/m3	<0.15	0.41	07/09/19 09:00	
1,2-Dichloropropane	ug/m3	<0.23	0.94	07/09/19 09:00	
1,3,5-Trimethylbenzene	ug/m3	<0.40	1.0	07/09/19 09:00	
1,3-Butadiene	ug/m3	<0.13	0.45	07/09/19 09:00	
1,3-Dichlorobenzene	ug/m3	<0.58	1.2	07/09/19 09:00	
1,4-Dichlorobenzene	ug/m3	<1.0	3.1	07/09/19 09:00	
2-Butanone (MEK)	ug/m3	<0.37	3.0	07/09/19 09:00	
2-Hexanone	ug/m3	<0.74	4.2	07/09/19 09:00	
2-Propanol	ug/m3	<0.70	2.5	07/09/19 09:00	
4-Ethyltoluene	ug/m3	<0.57	2.5	07/09/19 09:00	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.52	4.2	07/09/19 09:00	
Acetone	ug/m3	<1.2	2.4	07/09/19 09:00	
Benzene	ug/m3	<0.15	0.32	07/09/19 09:00	
Benzyl chloride	ug/m3	<1.2	2.6	07/09/19 09:00	
Bromodichloromethane	ug/m3	<0.37	1.4	07/09/19 09:00	
Bromoform	ug/m3	<1.4	5.2	07/09/19 09:00	
Bromomethane	ug/m3	<0.23	0.79	07/09/19 09:00	
Carbon disulfide	ug/m3	<0.22	0.63	07/09/19 09:00	
Carbon tetrachloride	ug/m3	<0.43	1.3	07/09/19 09:00	
Chlorobenzene	ug/m3	<0.28	0.94	07/09/19 09:00	
Chloroethane	ug/m3	<0.26	1.3	07/09/19 09:00	MN
Chloroform	ug/m3	<0.20	0.50	07/09/19 09:00	
Chloromethane	ug/m3	<0.16	0.42	07/09/19 09:00	
cis-1,2-Dichloroethene	ug/m3	<0.22	0.81	07/09/19 09:00	
cis-1,3-Dichloropropene	ug/m3	<0.30	0.92	07/09/19 09:00	
Cyclohexane	ug/m3	<0.35	1.8	07/09/19 09:00	
Dibromochloromethane	ug/m3	<0.72	1.7	07/09/19 09:00	
Dichlorodifluoromethane	ug/m3	<0.29	1.0	07/09/19 09:00	
Dichlorotetrafluoroethane	ug/m3	<0.44	1.4	07/09/19 09:00	
Ethanol	ug/m3	<0.81	1.9	07/09/19 09:00	
Ethyl acetate	ug/m3	<0.19	0.73	07/09/19 09:00	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: PECO-2017-100 Green Tree Corne
Pace Project No.: 10481735

METHOD BLANK: 3338694 Matrix: Air
Associated Lab Samples: 10481735001, 10481735002, 10481735003, 10481735004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/m3	<0.30	0.88	07/09/19 09:00	
Hexachloro-1,3-butadiene	ug/m3	<2.0	5.4	07/09/19 09:00	
m&p-Xylene	ug/m3	<0.70	1.8	07/09/19 09:00	
Methyl-tert-butyl ether	ug/m3	<0.66	3.7	07/09/19 09:00	
Methylene Chloride	ug/m3	<0.94	3.5	07/09/19 09:00	
n-Heptane	ug/m3	<0.38	0.83	07/09/19 09:00	
n-Hexane	ug/m3	<0.31	0.72	07/09/19 09:00	
Naphthalene	ug/m3	<1.3	2.7	07/09/19 09:00	
o-Xylene	ug/m3	<0.34	0.88	07/09/19 09:00	
Propylene	ug/m3	<0.14	0.35	07/09/19 09:00	
Styrene	ug/m3	<0.34	0.87	07/09/19 09:00	
Tetrachloroethene	ug/m3	<0.31	0.69	07/09/19 09:00	
Tetrahydrofuran	ug/m3	<0.26	0.60	07/09/19 09:00	
Toluene	ug/m3	<0.35	0.77	07/09/19 09:00	
trans-1,2-Dichloroethene	ug/m3	<0.28	0.81	07/09/19 09:00	
trans-1,3-Dichloropropene	ug/m3	<0.44	0.92	07/09/19 09:00	
Trichloroethene	ug/m3	<0.26	0.55	07/09/19 09:00	
Trichlorofluoromethane	ug/m3	<0.37	1.1	07/09/19 09:00	
Vinyl acetate	ug/m3	<0.27	0.72	07/09/19 09:00	
Vinyl chloride	ug/m3	<0.13	0.26	07/09/19 09:00	

LABORATORY CONTROL SAMPLE: 3338695

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	54.2	98	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	80.6	116	70-132	
1,1,2-Trichloroethane	ug/m3	55.5	57.7	104	70-130	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	75.0	96	70-130	
1,1-Dichloroethane	ug/m3	41.1	39.4	96	70-130	
1,1-Dichloroethene	ug/m3	40.3	40.2	100	70-130	
1,2,4-Trichlorobenzene	ug/m3	75.4	58.3	77	56-130	
1,2,4-Trimethylbenzene	ug/m3	50	59.2	118	70-134	
1,2-Dibromoethane (EDB)	ug/m3	78.1	83.7	107	70-130	
1,2-Dichlorobenzene	ug/m3	61.1	70.3	115	70-132	
1,2-Dichloroethane	ug/m3	41.1	40.4	98	70-130	
1,2-Dichloropropane	ug/m3	47	49.7	106	70-130	
1,3,5-Trimethylbenzene	ug/m3	50	52.6	105	70-132	
1,3-Butadiene	ug/m3	22.5	22.7	101	65-130	
1,3-Dichlorobenzene	ug/m3	61.1	71.7	117	70-137	
1,4-Dichlorobenzene	ug/m3	61.1	74.0	121	70-134	
2-Butanone (MEK)	ug/m3	30	26.2	87	70-130	
2-Hexanone	ug/m3	41.6	47.2	113	70-135	
2-Propanol	ug/m3	125	119	95	68-130	
4-Ethyltoluene	ug/m3	50	54.2	108	70-138	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: PECO-2017-100 Green Tree Corne
Pace Project No.: 10481735

LABORATORY CONTROL SAMPLE: 3338695

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	41.6	42.1	101	70-131	
Acetone	ug/m3	121	102	84	67-130	
Benzene	ug/m3	32.5	30.8	95	70-130	
Benzyl chloride	ug/m3	52.6	50.6	96	70-130	
Bromodichloromethane	ug/m3	68.1	69.9	103	70-130	
Bromoform	ug/m3	105	120	114	70-132	
Bromomethane	ug/m3	39.5	39.4	100	69-130	
Carbon disulfide	ug/m3	31.6	30.0	95	56-137	
Carbon tetrachloride	ug/m3	64	62.7	98	66-131	
Chlorobenzene	ug/m3	46.8	47.7	102	70-130	
Chloroethane	ug/m3	26.8	24.0	90	70-130	
Chloroform	ug/m3	49.6	49.5	100	70-130	
Chloromethane	ug/m3	21	19.2	92	66-130	
cis-1,2-Dichloroethene	ug/m3	40.3	40.7	101	70-130	
cis-1,3-Dichloropropene	ug/m3	46.1	44.9	97	70-133	
Cyclohexane	ug/m3	35	35.3	101	68-132	
Dibromochloromethane	ug/m3	86.6	96.0	111	70-130	
Dichlorodifluoromethane	ug/m3	50.3	46.6	93	70-130	
Dichlorotetrafluoroethane	ug/m3	71	66.9	94	70-130	
Ethanol	ug/m3	95.8	98.0	102	68-133	
Ethyl acetate	ug/m3	36.6	35.2	96	69-130	
Ethylbenzene	ug/m3	44.1	48.0	109	67-131	
Hexachloro-1,3-butadiene	ug/m3	108	81.2	75	66-137	
m&p-Xylene	ug/m3	88.3	99.4	113	70-132	
Methyl-tert-butyl ether	ug/m3	36.6	36.7	100	70-130	
Methylene Chloride	ug/m3	177	168	95	65-130	
n-Heptane	ug/m3	41.7	42.1	101	65-130	
n-Hexane	ug/m3	35.8	36.2	101	66-130	
Naphthalene	ug/m3	53.3	39.0	73	56-130	
o-Xylene	ug/m3	44.1	49.4	112	70-130	
Propylene	ug/m3	17.5	17.1	98	67-130	
Styrene	ug/m3	43.3	52.5	121	69-136	
Tetrachloroethene	ug/m3	68.9	73.9	107	70-130	
Tetrahydrofuran	ug/m3	30	29.7	99	68-131	
Toluene	ug/m3	38.3	39.4	103	70-130	
trans-1,2-Dichloroethene	ug/m3	40.3	40.5	100	70-130	
trans-1,3-Dichloropropene	ug/m3	46.1	47.5	103	70-134	
Trichloroethene	ug/m3	54.6	56.1	103	70-130	
Trichlorofluoromethane	ug/m3	57.1	53.8	94	65-130	
Vinyl acetate	ug/m3	35.8	37.4	105	61-133	
Vinyl chloride	ug/m3	26	23.9	92	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: PECO-2017-100 Green Tree Corne
Pace Project No.: 10481735

SAMPLE DUPLICATE: 3339135

Parameter	Units	10481675002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.70	<0.70		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.66	<0.66		25	
1,1,2-Trichloroethane	ug/m3	<0.56	<0.56		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	<1.3	<1.3		25	
1,1-Dichloroethane	ug/m3	<0.51	<0.51		25	
1,1-Dichloroethene	ug/m3	<0.62	<0.62		25	
1,2,4-Trichlorobenzene	ug/m3	<8.4	<8.4		25	
1,2,4-Trimethylbenzene	ug/m3	28.4	27.8	2	25	
1,2-Dibromoethane (EDB)	ug/m3	<0.82	<0.82		25	
1,2-Dichlorobenzene	ug/m3	<1.1	<1.1		25	
1,2-Dichloroethane	ug/m3	<0.34	<0.34		25	
1,2-Dichloropropane	ug/m3	<0.52	<0.52		25	
1,3,5-Trimethylbenzene	ug/m3	5.4	5.7	4	25	
1,3-Butadiene	ug/m3	<0.29	<0.29		25	
1,3-Dichlorobenzene	ug/m3	4.7	4.3	8	25	
1,4-Dichlorobenzene	ug/m3	<2.2	<2.2		25	
2-Butanone (MEK)	ug/m3	48.2	51.5	6	25	
2-Hexanone	ug/m3	3.8J	3.7J		25	
2-Propanol	ug/m3	47.5	50.5	6	25	
4-Ethyltoluene	ug/m3	5.2J	5.1J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	3.1J	3.2J		25	
Acetone	ug/m3	88.5	90.9	3	25	
Benzene	ug/m3	1.5	1.5	3	25	
Benzyl chloride	ug/m3	<2.7	<2.7		25	
Bromodichloromethane	ug/m3	<0.82	<0.82		25	
Bromoform	ug/m3	<3.2	<3.2		25	
Bromomethane	ug/m3	<0.51	<0.51		25	
Carbon disulfide	ug/m3	1.1J	1.1J		25	
Carbon tetrachloride	ug/m3	<0.97	<0.97		25	
Chlorobenzene	ug/m3	<0.62	<0.62		25	
Chloroethane	ug/m3	<0.58	<0.58		25	
Chloroform	ug/m3	2.0	1.6	21	25	
Chloromethane	ug/m3	<0.35	<0.35		25	
cis-1,2-Dichloroethene	ug/m3	<0.49	<0.49		25	
cis-1,3-Dichloropropene	ug/m3	<0.68	<0.68		25	
Cyclohexane	ug/m3	<0.79	<0.79		25	
Dibromochloromethane	ug/m3	<1.6	<1.6		25	
Dichlorodifluoromethane	ug/m3	2.4	2.3J		25	
Dichlorotetrafluoroethane	ug/m3	<0.98	<0.98		25	
Ethanol	ug/m3	160	186	15	25	
Ethyl acetate	ug/m3	12.9	14.6	12	25	
Ethylbenzene	ug/m3	5.3	5.2	1	25	
Hexachloro-1,3-butadiene	ug/m3	<4.4	<4.4		25	
m&p-Xylene	ug/m3	19.3	20.1	4	25	
Methyl-tert-butyl ether	ug/m3	<1.5	<1.5		25	
Methylene Chloride	ug/m3	43.5	44.3	2	25	
n-Heptane	ug/m3	<0.86	<0.86		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: PECO-2017-100 Green Tree Corne
Pace Project No.: 10481735

SAMPLE DUPLICATE: 3339135

Parameter	Units	10481675002 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	5.3	5.6	7	25	
Naphthalene	ug/m3	13.0	12.4	5	25	
o-Xylene	ug/m3	7.7	7.4	5	25	
Propylene	ug/m3	<0.32	<0.32		25	
Styrene	ug/m3	<0.77	<0.77		25	
Tetrachloroethene	ug/m3	54.3	46.9	15	25	
Tetrahydrofuran	ug/m3	2.2	2.6	14	25	
Toluene	ug/m3	19.1	17.6	8	25	
trans-1,2-Dichloroethene	ug/m3	<0.64	<0.64		25	
trans-1,3-Dichloropropene	ug/m3	<0.99	<0.99		25	
Trichloroethene	ug/m3	<0.58	<0.58		25	
Trichlorofluoromethane	ug/m3	7.8	7.7	2	25	
Vinyl acetate	ug/m3	<0.61	<0.61		25	
Vinyl chloride	ug/m3	<0.28	<0.28		25	

SAMPLE DUPLICATE: 3339895

Parameter	Units	10481546010 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<0.45		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<0.43		25	
1,1,2-Trichloroethane	ug/m3	ND	<0.36		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	<0.82		25	
1,1-Dichloroethane	ug/m3	ND	<0.33		25	
1,1-Dichloroethene	ug/m3	ND	<0.40		25	
1,2,4-Trichlorobenzene	ug/m3	ND	<5.4		25	
1,2,4-Trimethylbenzene	ug/m3	3.4	3.5	2	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<0.53		25	
1,2-Dichlorobenzene	ug/m3	ND	<0.73		25	
1,2-Dichloroethane	ug/m3	ND	<0.22		25	
1,2-Dichloropropane	ug/m3	ND	<0.34		25	
1,3,5-Trimethylbenzene	ug/m3	2.2	2.6	16	25	
1,3-Butadiene	ug/m3	ND	<0.19		25	
1,3-Dichlorobenzene	ug/m3	ND	<0.85		25	
1,4-Dichlorobenzene	ug/m3	ND	<1.5		25	
2-Butanone (MEK)	ug/m3	25.0	24.5	2	25	
2-Hexanone	ug/m3	ND	<1.1		25	
2-Propanol	ug/m3	9.1	9.1	0	25	
4-Ethyltoluene	ug/m3	ND	1.2J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	2.6J		25	
Acetone	ug/m3	381	376	1	25	
Benzene	ug/m3	0.99	0.88	12	25	
Benzyl chloride	ug/m3	ND	<1.8		25	
Bromodichloromethane	ug/m3	ND	<0.53		25	
Bromoform	ug/m3	ND	<2.1		25	
Bromomethane	ug/m3	ND	<0.33		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: PECO-2017-100 Green Tree Corne
Pace Project No.: 10481735

SAMPLE DUPLICATE: 3339895

Parameter	Units	10481546010 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	ND	<0.32		25	
Carbon tetrachloride	ug/m3	ND	<0.63		25	
Chlorobenzene	ug/m3	ND	<0.40		25	
Chloroethane	ug/m3	ND	<0.38		25	
Chloroform	ug/m3	0.79	0.76	4	25	
Chloromethane	ug/m3	2.2	2.1	5	25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.32		25	
cis-1,3-Dichloropropene	ug/m3	ND	<0.44		25	
Cyclohexane	ug/m3	ND	2.8		25	
Dibromochloromethane	ug/m3	ND	<1.0		25	
Dichlorodifluoromethane	ug/m3	2.3	2.4	2	25	
Dichlorotetrafluoroethane	ug/m3	ND	<0.64		25	
Ethanol	ug/m3	43.3	42.6	2	25	
Ethyl acetate	ug/m3	24.1	25.6	6	25	
Ethylbenzene	ug/m3	6.6	6.6	0	25	
Hexachloro-1,3-butadiene	ug/m3	ND	<2.9		25	
m&p-Xylene	ug/m3	13.3	13.4	0	25	
Methyl-tert-butyl ether	ug/m3	ND	1.1J		25	
Methylene Chloride	ug/m3	98.0	103	5	25	
n-Heptane	ug/m3	ND	<0.55		25	
n-Hexane	ug/m3	2.8	2.6	7	25	
Naphthalene	ug/m3	ND	<1.9		25	
o-Xylene	ug/m3	5.9	6.1	4	25	
Propylene	ug/m3	ND	<0.21		25	
Styrene	ug/m3	ND	0.76J		25	
Tetrachloroethene	ug/m3	ND	<0.46		25	
Tetrahydrofuran	ug/m3	ND	<0.38		25	
Toluene	ug/m3	34.2	35.5	4	25	
trans-1,2-Dichloroethene	ug/m3	ND	<0.42		25	
trans-1,3-Dichloropropene	ug/m3	ND	<0.64		25	
Trichloroethene	ug/m3	ND	0.64J		25	
Trichlorofluoromethane	ug/m3	ND	1.3J		25	
Vinyl acetate	ug/m3	ND	<0.39		25	
Vinyl chloride	ug/m3	ND	<0.18		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: PECO-2017-100 Green Tree Corne
Pace Project No.: 10481735

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
MN	The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PECO-2017-100 Green Tree Corne
Pace Project No.: 10481735

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10481735001	**SV-4**	TO-15	618244		
10481735002	**SV-1**	TO-15	618244		
10481735003	**SV-3**	TO-15	618244		
10481735004	**SV-12**	TO-15	618244		

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AIR: CHAIN-OF-CUSTODY / Ar

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fiel

WO# : 10481735

10481735

Section A
Required Client Information:

Company: APEX COS LLC
Address: 300 SWACKER DR STE 630
Email To: snewlin@apexcos.com
Phone: 847-687-8095 Fax:
Requested Due Date/TAT:

Section B
Required Project Information:

Report To: snewlin@apexcos.com
Copy To: ahmed.ali@apexcos.com
Purchase Order No.:
Project Name: GREEN TREE CENTER
Project Number: PECO-2017-100

Section C
Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #: 37797

Program
☐ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act
☐ Voluntary Clean Up ☐ Dry Clean ☐ RCRA ☐ Other

Location of Sampling by State _____
Reporting Units: µg/m³ ___ mg/m³ ___ PPBV ___ PPMV ___ Other ___

Report Level: II. ___ III. ___ IV. ___ Other ___

'Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	AIR SAMPLE ID	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE - END/GRAB DATE	COLLECTED COMPOSITE - END/GRAB TIME	Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	PM10	3C - Fixed Gas (%)	TO-3 BTEX	TO-3M (Methane)	TO-14	TO-15 Full List VOCs	TO-15 Short List BTEX	TO-15 Short List Chlorinated	TO-15 Short List (other)	Pace Lab ID
1	SV-4	6LC	0	6/27	934	6/27	10:11	29	5	01455	22094							X			001
2	SV-1	6LC	0		1033		11:17	29	3	09277	22433							X			002
3	SV-3	6LC	0		1048		1122	28	3	02706	22466							X			003
4	SV-12	6LC	2		1054		1131	27	4	09332	18811							X			004
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Ahmed Ali / APEX	6/27	1330	Pace	7/2/19	1135

SAMPLE CONDITIONS

	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
Temp In °C	Y/N	Y/N	Y/N
	Received on Ice	Custody Sealed Cooler	Samples Intact

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

ORIGINAL

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414 Air Technical Phone: 612.607.6386

Pace Analytical	Document Name: Air Sample Condition Upon Receipt	Document Revised: 31Jan2019 Page 1 of 1
	Document No.: F-MN-A-106-rev.18	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt Client Name: Apex Project #: WO#: 10481735

PM: CT1 Due Date: 07/10/19

CLIENT: Apex CO LLC

Courier: [X] Fed Ex [ ] UPS [ ] USPS [ ] Client [ ] Pace [ ] SpeeDee [ ] Commercial See Exception [ ]

Tracking Number: 1083 0278 2633

Custody Seal on Cooler/Box Present? [ ] Yes [X] No Seals Intact? [ ] Yes [X] No

Packing Material: [ ] Bubble Wrap [ ] Bubble Bags [X] Foam [ ] None [ ] Tin Can [ ] Other: _____ Temp Blank rec: [ ] Yes [X] No

Temp. (TO17 and TO13 samples only) (°C): — Corrected Temp (°C): — Thermometer Used: [ ] G87A9170600254 [ ] G87A9155100842

Temp should be above freezing to 6°C Correction Factor: _____ Date & Initials of Person Examining Contents: KG 7/2/19

Type of ice Received [ ] Blue [ ] Wet [X] None

			Comments:
Chain of Custody Present?	[X] Yes	[ ] No	1.
Chain of Custody Filled Out?	[X] Yes	[ ] No	2.
Chain of Custody Relinquished?	[X] Yes	[ ] No	3.
Sampler Name and/or Signature on COC?	[ ] Yes	[X] No [ ] N/A	4.
Samples Arrived within Hold Time?	[X] Yes	[ ] No	5.
Short Hold Time Analysis (<72 hr)?	[ ] Yes	[X] No	6.
Rush Turn Around Time Requested?	[ ] Yes	[X] No	7.
Sufficient Volume?	[X] Yes	[ ] No	8.
Correct Containers Used?	[X] Yes	[ ] No	9.
-Pace Containers Used?	[X] Yes	[ ] No	
Containers Intact?	[X] Yes	[ ] No	10.
Media: (Air Can) Airbag Filter TDT Passive			11. Individually Certified Cans Y (N) (list which samples)
Is sufficient information available to reconcile samples to the COC?	[X] Yes	[ ] No	12.
Do cans need to be pressurized (3C and ASTM 1946 DO NOT PRESSURIZE)?	[X] Yes	[ ] No	13.

Samples Received: Pressure Gauge # [ ] 10AIR34 [ ] 10AIR35

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
SV-4	0125	2209	-3.5	+5					
" 1	0827	2243	-3	"					
" 3	0270	2246	-4	"					
" 12	0933	2188	-3.5	"					

CLIENT NOTIFICATION/RESOLUTION Field Data Required? [ ] Yes [ ] No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Carolyne Trout Date: 7/3/19

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

August 15, 2019

Steve Newlin
Apex Companies, LLC
300 South Wacker Drive
Suite 630
Chicago, IL 60606

RE: Project: PECO-2017-100 GREEN TREE
Pace Project No.: 40192656

Dear Steve Newlin:
Enclosed are the analytical results for sample(s) received by the laboratory on August 08, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Laurie Woelfel

Laurie Woelfel
laurie.woelfel@pacelabs.com
(920)469-2436
Project Manager

Enclosures

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 40192656

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 40192656

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40192656001	**HA-4**	Solid	08/06/19 13:10	08/08/19 09:00
40192656002	**HA-3**	Solid	08/06/19 13:45	08/08/19 09:00
40192656003	**HA-2**	Solid	08/06/19 13:30	08/08/19 09:00

Pace Analytical Services, LLC
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SAMPLE ANALYTE COUNT

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 40192656

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40192656001	**HA-4**	EPA 8260	HNW	64	PASI-G
40192656002	**HA-3**	EPA 8260	HNW	64	PASI-G
40192656003	**HA-2**	EPA 8260	HNW	64	PASI-G

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 40192656

Sample: HA-4 **Lab ID: 40192656001** Collected: 08/06/19 13:10 Received: 08/08/19 09:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<2.2**	ug/kg	7.2	2.2	1	08/14/19 05:00	08/14/19 11:35	630-20-6	
1,1,1-Trichloroethane	**<2.9**	ug/kg	9.7	2.9	1	08/14/19 05:00	08/14/19 11:35	71-55-6	
1,1,2,2-Tetrachloroethane	**<4.5**	ug/kg	14.9	4.5	1	08/14/19 05:00	08/14/19 11:35	79-34-5	
1,1,2-Trichloroethane	**<2.8**	ug/kg	9.3	2.8	1	08/14/19 05:00	08/14/19 11:35	79-00-5	
1,1-Dichloroethane	**<3.7**	ug/kg	12.3	3.7	1	08/14/19 05:00	08/14/19 11:35	75-34-3	
1,1-Dichloroethene	**<3.1**	ug/kg	10.3	3.1	1	08/14/19 05:00	08/14/19 11:35	75-35-4	
1,1-Dichloropropene	**<2.9**	ug/kg	9.5	2.9	1	08/14/19 05:00	08/14/19 11:35	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/kg	7.1	2.1	1	08/14/19 05:00	08/14/19 11:35	87-61-6	
1,2,3-Trichloropropane	**<3.5**	ug/kg	11.6	3.5	1	08/14/19 05:00	08/14/19 11:35	96-18-4	
1,2,4-Trichlorobenzene	**<2.2**	ug/kg	7.2	2.2	1	08/14/19 05:00	08/14/19 11:35	120-82-1	
1,2,4-Trimethylbenzene	**<2.5**	ug/kg	8.4	2.5	1	08/14/19 05:00	08/14/19 11:35	95-63-6	
1,2-Dibromo-3-chloropropane	**<5.4**	ug/kg	17.9	5.4	1	08/14/19 05:00	08/14/19 11:35	96-12-8	
1,2-Dibromoethane (EDB)	**<0.32**	ug/kg	1.1	0.32	1	08/14/19 05:00	08/14/19 11:35	106-93-4	
1,2-Dichlorobenzene	**<2.2**	ug/kg	7.4	2.2	1	08/14/19 05:00	08/14/19 11:35	95-50-1	
1,2-Dichloroethane	**<0.37**	ug/kg	1.2	0.37	1	08/14/19 05:00	08/14/19 11:35	107-06-2	
1,2-Dichloropropane	**<2.4**	ug/kg	7.9	2.4	1	08/14/19 05:00	08/14/19 11:35	78-87-5	
1,3,5-Trimethylbenzene	**<2.8**	ug/kg	9.2	2.8	1	08/14/19 05:00	08/14/19 11:35	108-67-8	
1,3-Dichlorobenzene	**<2.5**	ug/kg	8.3	2.5	1	08/14/19 05:00	08/14/19 11:35	541-73-1	
1,3-Dichloropropane	**<2.0**	ug/kg	6.6	2.0	1	08/14/19 05:00	08/14/19 11:35	142-28-9	
1,4-Dichlorobenzene	**<2.6**	ug/kg	8.8	2.6	1	08/14/19 05:00	08/14/19 11:35	106-46-7	
2,2-Dichloropropane	**<3.0**	ug/kg	9.8	3.0	1	08/14/19 05:00	08/14/19 11:35	594-20-7	
2-Chlorotoluene	**<2.9**	ug/kg	9.7	2.9	1	08/14/19 05:00	08/14/19 11:35	95-49-8	
4-Chlorotoluene	**<2.6**	ug/kg	8.6	2.6	1	08/14/19 05:00	08/14/19 11:35	106-43-4	
Benzene	**<2.4**	ug/kg	8.1	2.4	1	08/14/19 05:00	08/14/19 11:35	71-43-2	
Bromobenzene	**<2.3**	ug/kg	7.7	2.3	1	08/14/19 05:00	08/14/19 11:35	108-86-1	
Bromochloromethane	**<3.1**	ug/kg	10.4	3.1	1	08/14/19 05:00	08/14/19 11:35	74-97-5	
Bromodichloromethane	**<2.2**	ug/kg	7.4	2.2	1	08/14/19 05:00	08/14/19 11:35	75-27-4	
Bromoform	**<7.3**	ug/kg	24.3	7.3	1	08/14/19 05:00	08/14/19 11:35	75-25-2	L1
Bromomethane	**<5.4**	ug/kg	18.1	5.4	1	08/14/19 05:00	08/14/19 11:35	74-83-9	
Carbon tetrachloride	**<2.8**	ug/kg	9.5	2.8	1	08/14/19 05:00	08/14/19 11:35	56-23-5	
Chlorobenzene	**<2.6**	ug/kg	8.8	2.6	1	08/14/19 05:00	08/14/19 11:35	108-90-7	
Chloroethane	**<3.3**	ug/kg	10.9	3.3	1	08/14/19 05:00	08/14/19 11:35	75-00-3	
Chloroform	**<2.9**	ug/kg	9.8	2.9	1	08/14/19 05:00	08/14/19 11:35	67-66-3	
Chloromethane	**6.8J**	ug/kg	7.4	2.2	1	08/14/19 05:00	08/14/19 11:35	74-87-3	
Dibromochloromethane	**<2.3**	ug/kg	7.6	2.3	1	08/14/19 05:00	08/14/19 11:35	124-48-1	
Dibromomethane	**<2.7**	ug/kg	8.9	2.7	1	08/14/19 05:00	08/14/19 11:35	74-95-3	
Dichlorodifluoromethane	**<2.4**	ug/kg	7.9	2.4	1	08/14/19 05:00	08/14/19 11:35	75-71-8	
Diisopropyl ether	**<2.0**	ug/kg	6.7	2.0	1	08/14/19 05:00	08/14/19 11:35	108-20-3	
Ethylbenzene	**<3.1**	ug/kg	10.4	3.1	1	08/14/19 05:00	08/14/19 11:35	100-41-4	
Hexachloro-1,3-butadiene	**<3.6**	ug/kg	12.1	3.6	1	08/14/19 05:00	08/14/19 11:35	87-68-3	
Isopropylbenzene (Cumene)	**<2.6**	ug/kg	8.7	2.6	1	08/14/19 05:00	08/14/19 11:35	98-82-8	
Methyl-tert-butyl ether	**<3.7**	ug/kg	12.5	3.7	1	08/14/19 05:00	08/14/19 11:35	1634-04-4	
Methylene Chloride	**<2.5**	ug/kg	8.3	2.5	1	08/14/19 05:00	08/14/19 11:35	75-09-2	
Naphthalene	**<3.7**	ug/kg	12.4	3.7	1	08/14/19 05:00	08/14/19 11:35	91-20-3	
Styrene	**<10.8**	ug/kg	35.9	10.8	1	08/14/19 05:00	08/14/19 11:35	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 40192656

Sample: HA-4 **Lab ID: 40192656001** Collected: 08/06/19 13:10 Received: 08/08/19 09:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 8260								
Tetrachloroethene	**<4.4**	ug/kg	14.7	4.4	1	08/14/19 05:00	08/14/19 11:35	127-18-4	
Toluene	**<2.8**	ug/kg	9.3	2.8	1	08/14/19 05:00	08/14/19 11:35	108-88-3	
Trichloroethene	**<2.8**	ug/kg	9.2	2.8	1	08/14/19 05:00	08/14/19 11:35	79-01-6	
Trichlorofluoromethane	**<4.0**	ug/kg	13.2	4.0	1	08/14/19 05:00	08/14/19 11:35	75-69-4	
Vinyl chloride	**<4.4**	ug/kg	14.6	4.4	1	08/14/19 05:00	08/14/19 11:35	75-01-4	
cis-1,2-Dichloroethene	**<3.8**	ug/kg	12.8	3.8	1	08/14/19 05:00	08/14/19 11:35	156-59-2	
cis-1,3-Dichloropropene	**<5.1**	ug/kg	17.1	5.1	1	08/14/19 05:00	08/14/19 11:35	10061-01-5	
m&p-Xylene	**<5.6**	ug/kg	18.8	5.6	1	08/14/19 05:00	08/14/19 11:35	179601-23-1	
n-Butylbenzene	**<3.9**	ug/kg	13.0	3.9	1	08/14/19 05:00	08/14/19 11:35	104-51-8	
n-Propylbenzene	**<3.2**	ug/kg	10.6	3.2	1	08/14/19 05:00	08/14/19 11:35	103-65-1	
o-Xylene	**<2.2**	ug/kg	7.2	2.2	1	08/14/19 05:00	08/14/19 11:35	95-47-6	
p-Isopropyltoluene	**<3.4**	ug/kg	11.4	3.4	1	08/14/19 05:00	08/14/19 11:35	99-87-6	
sec-Butylbenzene	**<3.2**	ug/kg	10.8	3.2	1	08/14/19 05:00	08/14/19 11:35	135-98-8	
tert-Butylbenzene	**<2.7**	ug/kg	9.1	2.7	1	08/14/19 05:00	08/14/19 11:35	98-06-6	
trans-1,2-Dichloroethene	**<2.7**	ug/kg	8.9	2.7	1	08/14/19 05:00	08/14/19 11:35	156-60-5	
trans-1,3-Dichloropropene	**<1.9**	ug/kg	6.3	1.9	1	08/14/19 05:00	08/14/19 11:35	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	88	%	73-142		1	08/14/19 05:00	08/14/19 11:35	1868-53-7	1q
Toluene-d8 (S)	120	%	70-130		1	08/14/19 05:00	08/14/19 11:35	2037-26-5	
4-Bromofluorobenzene (S)	96	%	68-130		1	08/14/19 05:00	08/14/19 11:35	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 40192656

Sample: HA-3 **Lab ID: 40192656002** Collected: 08/06/19 13:45 Received: 08/08/19 09:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<3.3**	ug/kg	11.1	3.3	1	08/14/19 05:00	08/14/19 11:58	630-20-6	
1,1,1-Trichloroethane	**<4.5**	ug/kg	15.0	4.5	1	08/14/19 05:00	08/14/19 11:58	71-55-6	
1,1,2,2-Tetrachloroethane	**<6.9**	ug/kg	22.9	6.9	1	08/14/19 05:00	08/14/19 11:58	79-34-5	
1,1,2-Trichloroethane	**<4.3**	ug/kg	14.2	4.3	1	08/14/19 05:00	08/14/19 11:58	79-00-5	
1,1-Dichloroethane	**<5.7**	ug/kg	18.9	5.7	1	08/14/19 05:00	08/14/19 11:58	75-34-3	
1,1-Dichloroethene	**<4.7**	ug/kg	15.8	4.7	1	08/14/19 05:00	08/14/19 11:58	75-35-4	
1,1-Dichloropropene	**<4.4**	ug/kg	14.6	4.4	1	08/14/19 05:00	08/14/19 11:58	563-58-6	
1,2,3-Trichlorobenzene	**<3.3**	ug/kg	10.9	3.3	1	08/14/19 05:00	08/14/19 11:58	87-61-6	
1,2,3-Trichloropropane	**<5.3**	ug/kg	17.8	5.3	1	08/14/19 05:00	08/14/19 11:58	96-18-4	
1,2,4-Trichlorobenzene	**<3.3**	ug/kg	11.0	3.3	1	08/14/19 05:00	08/14/19 11:58	120-82-1	
1,2,4-Trimethylbenzene	**<3.9**	ug/kg	12.9	3.9	1	08/14/19 05:00	08/14/19 11:58	95-63-6	
1,2-Dibromo-3-chloropropane	**<8.2**	ug/kg	27.4	8.2	1	08/14/19 05:00	08/14/19 11:58	96-12-8	
1,2-Dibromoethane (EDB)	**<0.48**	ug/kg	1.6	0.48	1	08/14/19 05:00	08/14/19 11:58	106-93-4	
1,2-Dichlorobenzene	**<3.4**	ug/kg	11.3	3.4	1	08/14/19 05:00	08/14/19 11:58	95-50-1	
1,2-Dichloroethane	**<0.56**	ug/kg	1.9	0.56	1	08/14/19 05:00	08/14/19 11:58	107-06-2	
1,2-Dichloropropane	**<3.7**	ug/kg	12.2	3.7	1	08/14/19 05:00	08/14/19 11:58	78-87-5	
1,3,5-Trimethylbenzene	**<4.2**	ug/kg	14.1	4.2	1	08/14/19 05:00	08/14/19 11:58	108-67-8	
1,3-Dichlorobenzene	**<3.8**	ug/kg	12.7	3.8	1	08/14/19 05:00	08/14/19 11:58	541-73-1	
1,3-Dichloropropane	**<3.0**	ug/kg	10.1	3.0	1	08/14/19 05:00	08/14/19 11:58	142-28-9	
1,4-Dichlorobenzene	**<4.0**	ug/kg	13.4	4.0	1	08/14/19 05:00	08/14/19 11:58	106-46-7	
2,2-Dichloropropane	**<4.5**	ug/kg	15.1	4.5	1	08/14/19 05:00	08/14/19 11:58	594-20-7	
2-Chlorotoluene	**<4.5**	ug/kg	14.9	4.5	1	08/14/19 05:00	08/14/19 11:58	95-49-8	
4-Chlorotoluene	**<4.0**	ug/kg	13.3	4.0	1	08/14/19 05:00	08/14/19 11:58	106-43-4	
Benzene	**<3.8**	ug/kg	12.5	3.8	1	08/14/19 05:00	08/14/19 11:58	71-43-2	
Bromobenzene	**<3.6**	ug/kg	11.9	3.6	1	08/14/19 05:00	08/14/19 11:58	108-86-1	
Bromochloromethane	**<4.8**	ug/kg	16.0	4.8	1	08/14/19 05:00	08/14/19 11:58	74-97-5	
Bromodichloromethane	**<3.4**	ug/kg	11.4	3.4	1	08/14/19 05:00	08/14/19 11:58	75-27-4	
Bromoform	**<11.2**	ug/kg	37.4	11.2	1	08/14/19 05:00	08/14/19 11:58	75-25-2	L1
Bromomethane	**<8.4**	ug/kg	27.9	8.4	1	08/14/19 05:00	08/14/19 11:58	74-83-9	
Carbon tetrachloride	**<4.4**	ug/kg	14.6	4.4	1	08/14/19 05:00	08/14/19 11:58	56-23-5	
Chlorobenzene	**<4.1**	ug/kg	13.5	4.1	1	08/14/19 05:00	08/14/19 11:58	108-90-7	
Chloroethane	**<5.0**	ug/kg	16.7	5.0	1	08/14/19 05:00	08/14/19 11:58	75-00-3	
Chloroform	**<4.5**	ug/kg	15.0	4.5	1	08/14/19 05:00	08/14/19 11:58	67-66-3	
Chloromethane	**8.8J**	ug/kg	11.4	3.4	1	08/14/19 05:00	08/14/19 11:58	74-87-3	
Dibromochloromethane	**<3.5**	ug/kg	11.7	3.5	1	08/14/19 05:00	08/14/19 11:58	124-48-1	
Dibromomethane	**<4.1**	ug/kg	13.6	4.1	1	08/14/19 05:00	08/14/19 11:58	74-95-3	
Dichlorodifluoromethane	**<3.6**	ug/kg	12.2	3.6	1	08/14/19 05:00	08/14/19 11:58	75-71-8	
Diisopropyl ether	**<3.1**	ug/kg	10.3	3.1	1	08/14/19 05:00	08/14/19 11:58	108-20-3	
Ethylbenzene	**<4.8**	ug/kg	16.0	4.8	1	08/14/19 05:00	08/14/19 11:58	100-41-4	
Hexachloro-1,3-butadiene	**<5.6**	ug/kg	18.6	5.6	1	08/14/19 05:00	08/14/19 11:58	87-68-3	
Isopropylbenzene (Cumene)	**<4.0**	ug/kg	13.4	4.0	1	08/14/19 05:00	08/14/19 11:58	98-82-8	
Methyl-tert-butyl ether	**<5.7**	ug/kg	19.1	5.7	1	08/14/19 05:00	08/14/19 11:58	1634-04-4	
Methylene Chloride	**<3.8**	ug/kg	12.8	3.8	1	08/14/19 05:00	08/14/19 11:58	75-09-2	
Naphthalene	**<5.7**	ug/kg	19.0	5.7	1	08/14/19 05:00	08/14/19 11:58	91-20-3	
Styrene	**<16.5**	ug/kg	55.1	16.5	1	08/14/19 05:00	08/14/19 11:58	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 40192656

Sample: HA-3 **Lab ID: 40192656002** Collected: 08/06/19 13:45 Received: 08/08/19 09:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 8260								
Tetrachloroethene	**<6.8**	ug/kg	22.6	6.8	1	08/14/19 05:00	08/14/19 11:58	127-18-4	
Toluene	**<4.3**	ug/kg	14.2	4.3	1	08/14/19 05:00	08/14/19 11:58	108-88-3	
Trichloroethene	**<4.3**	ug/kg	14.2	4.3	1	08/14/19 05:00	08/14/19 11:58	79-01-6	
Trichlorofluoromethane	**<6.1**	ug/kg	20.3	6.1	1	08/14/19 05:00	08/14/19 11:58	75-69-4	
Vinyl chloride	**<6.7**	ug/kg	22.4	6.7	1	08/14/19 05:00	08/14/19 11:58	75-01-4	
cis-1,2-Dichloroethene	**<5.9**	ug/kg	19.6	5.9	1	08/14/19 05:00	08/14/19 11:58	156-59-2	
cis-1,3-Dichloropropene	**<7.9**	ug/kg	26.3	7.9	1	08/14/19 05:00	08/14/19 11:58	10061-01-5	
m&p-Xylene	**<8.7**	ug/kg	28.9	8.7	1	08/14/19 05:00	08/14/19 11:58	179601-23-1	
n-Butylbenzene	**<6.0**	ug/kg	20.0	6.0	1	08/14/19 05:00	08/14/19 11:58	104-51-8	
n-Propylbenzene	**<4.9**	ug/kg	16.3	4.9	1	08/14/19 05:00	08/14/19 11:58	103-65-1	
o-Xylene	**<3.3**	ug/kg	11.0	3.3	1	08/14/19 05:00	08/14/19 11:58	95-47-6	
p-Isopropyltoluene	**<5.3**	ug/kg	17.6	5.3	1	08/14/19 05:00	08/14/19 11:58	99-87-6	
sec-Butylbenzene	**<5.0**	ug/kg	16.6	5.0	1	08/14/19 05:00	08/14/19 11:58	135-98-8	
tert-Butylbenzene	**<4.2**	ug/kg	14.0	4.2	1	08/14/19 05:00	08/14/19 11:58	98-06-6	
trans-1,2-Dichloroethene	**<4.1**	ug/kg	13.6	4.1	1	08/14/19 05:00	08/14/19 11:58	156-60-5	
trans-1,3-Dichloropropene	**<2.9**	ug/kg	9.7	2.9	1	08/14/19 05:00	08/14/19 11:58	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	100	%	73-142		1	08/14/19 05:00	08/14/19 11:58	1868-53-7	1q
Toluene-d8 (S)	108	%	70-130		1	08/14/19 05:00	08/14/19 11:58	2037-26-5	
4-Bromofluorobenzene (S)	97	%	68-130		1	08/14/19 05:00	08/14/19 11:58	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 40192656

Sample: HA-2 **Lab ID: 40192656003** Collected: 08/06/19 13:30 Received: 08/08/19 09:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 8260								
1,1,1,2-Tetrachloroethane	**<2.1**	ug/kg	7.1	2.1	1	08/15/19 05:00	08/15/19 12:51	630-20-6	
1,1,1-Trichloroethane	**<2.9**	ug/kg	9.6	2.9	1	08/15/19 05:00	08/15/19 12:51	71-55-6	
1,1,2,2-Tetrachloroethane	**<4.4**	ug/kg	14.7	4.4	1	08/15/19 05:00	08/15/19 12:51	79-34-5	
1,1,2-Trichloroethane	**<2.7**	ug/kg	9.1	2.7	1	08/15/19 05:00	08/15/19 12:51	79-00-5	
1,1-Dichloroethane	**<3.6**	ug/kg	12.2	3.6	1	08/15/19 05:00	08/15/19 12:51	75-34-3	
1,1-Dichloroethene	**<3.0**	ug/kg	10.1	3.0	1	08/15/19 05:00	08/15/19 12:51	75-35-4	
1,1-Dichloropropene	**<2.8**	ug/kg	9.4	2.8	1	08/15/19 05:00	08/15/19 12:51	563-58-6	
1,2,3-Trichlorobenzene	**<2.1**	ug/kg	7.0	2.1	1	08/15/19 05:00	08/15/19 12:51	87-61-6	
1,2,3-Trichloropropane	**<3.4**	ug/kg	11.4	3.4	1	08/15/19 05:00	08/15/19 12:51	96-18-4	
1,2,4-Trichlorobenzene	**<2.1**	ug/kg	7.1	2.1	1	08/15/19 05:00	08/15/19 12:51	120-82-1	
1,2,4-Trimethylbenzene	**<2.5**	ug/kg	8.3	2.5	1	08/15/19 05:00	08/15/19 12:51	95-63-6	
1,2-Dibromo-3-chloropropane	**<5.3**	ug/kg	17.6	5.3	1	08/15/19 05:00	08/15/19 12:51	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/kg	1.0	0.31	1	08/15/19 05:00	08/15/19 12:51	106-93-4	
1,2-Dichlorobenzene	**<2.2**	ug/kg	7.3	2.2	1	08/15/19 05:00	08/15/19 12:51	95-50-1	
1,2-Dichloroethane	**<0.36**	ug/kg	1.2	0.36	1	08/15/19 05:00	08/15/19 12:51	107-06-2	
1,2-Dichloropropane	**<2.3**	ug/kg	7.8	2.3	1	08/15/19 05:00	08/15/19 12:51	78-87-5	
1,3,5-Trimethylbenzene	**<2.7**	ug/kg	9.1	2.7	1	08/15/19 05:00	08/15/19 12:51	108-67-8	
1,3-Dichlorobenzene	**<2.5**	ug/kg	8.2	2.5	1	08/15/19 05:00	08/15/19 12:51	541-73-1	
1,3-Dichloropropane	**<1.9**	ug/kg	6.5	1.9	1	08/15/19 05:00	08/15/19 12:51	142-28-9	
1,4-Dichlorobenzene	**<2.6**	ug/kg	8.6	2.6	1	08/15/19 05:00	08/15/19 12:51	106-46-7	
2,2-Dichloropropane	**<2.9**	ug/kg	9.7	2.9	1	08/15/19 05:00	08/15/19 12:51	594-20-7	
2-Chlorotoluene	**<2.9**	ug/kg	9.6	2.9	1	08/15/19 05:00	08/15/19 12:51	95-49-8	
4-Chlorotoluene	**<2.6**	ug/kg	8.5	2.6	1	08/15/19 05:00	08/15/19 12:51	106-43-4	
Benzene	**<2.4**	ug/kg	8.0	2.4	1	08/15/19 05:00	08/15/19 12:51	71-43-2	
Bromobenzene	**<2.3**	ug/kg	7.6	2.3	1	08/15/19 05:00	08/15/19 12:51	108-86-1	
Bromochloromethane	**<3.1**	ug/kg	10.3	3.1	1	08/15/19 05:00	08/15/19 12:51	74-97-5	
Bromodichloromethane	**<2.2**	ug/kg	7.3	2.2	1	08/15/19 05:00	08/15/19 12:51	75-27-4	
Bromoform	**<7.2**	ug/kg	24.0	7.2	1	08/15/19 05:00	08/15/19 12:51	75-25-2	
Bromomethane	**<5.4**	ug/kg	17.9	5.4	1	08/15/19 05:00	08/15/19 12:51	74-83-9	
Carbon tetrachloride	**<2.8**	ug/kg	9.3	2.8	1	08/15/19 05:00	08/15/19 12:51	56-23-5	
Chlorobenzene	**<2.6**	ug/kg	8.7	2.6	1	08/15/19 05:00	08/15/19 12:51	108-90-7	
Chloroethane	**<3.2**	ug/kg	10.7	3.2	1	08/15/19 05:00	08/15/19 12:51	75-00-3	
Chloroform	**<2.9**	ug/kg	9.6	2.9	1	08/15/19 05:00	08/15/19 12:51	67-66-3	
Chloromethane	**7.7**	ug/kg	7.3	2.2	1	08/15/19 05:00	08/15/19 12:51	74-87-3	
Dibromochloromethane	**<2.3**	ug/kg	7.5	2.3	1	08/15/19 05:00	08/15/19 12:51	124-48-1	
Dibromomethane	**<2.6**	ug/kg	8.7	2.6	1	08/15/19 05:00	08/15/19 12:51	74-95-3	
Dichlorodifluoromethane	**<2.3**	ug/kg	7.8	2.3	1	08/15/19 05:00	08/15/19 12:51	75-71-8	
Diisopropyl ether	**<2.0**	ug/kg	6.6	2.0	1	08/15/19 05:00	08/15/19 12:51	108-20-3	
Ethylbenzene	**<3.1**	ug/kg	10.3	3.1	1	08/15/19 05:00	08/15/19 12:51	100-41-4	
Hexachloro-1,3-butadiene	**<3.6**	ug/kg	12.0	3.6	1	08/15/19 05:00	08/15/19 12:51	87-68-3	
Isopropylbenzene (Cumene)	**<2.6**	ug/kg	8.6	2.6	1	08/15/19 05:00	08/15/19 12:51	98-82-8	
Methyl-tert-butyl ether	**<3.7**	ug/kg	12.3	3.7	1	08/15/19 05:00	08/15/19 12:51	1634-04-4	
Methylene Chloride	**<2.5**	ug/kg	8.2	2.5	1	08/15/19 05:00	08/15/19 12:51	75-09-2	
Naphthalene	**<3.7**	ug/kg	12.2	3.7	1	08/15/19 05:00	08/15/19 12:51	91-20-3	
Styrene	**<10.6**	ug/kg	35.4	10.6	1	08/15/19 05:00	08/15/19 12:51	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 40192656

Sample: HA-2 **Lab ID: 40192656003** Collected: 08/06/19 13:30 Received: 08/08/19 09:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level	Analytical Method: EPA 8260 Preparation Method: EPA 8260								
Tetrachloroethene	**<4.4**	ug/kg	14.5	4.4	1	08/15/19 05:00	08/15/19 12:51	127-18-4	
Toluene	**<2.7**	ug/kg	9.1	2.7	1	08/15/19 05:00	08/15/19 12:51	108-88-3	
Trichloroethene	**<2.7**	ug/kg	9.1	2.7	1	08/15/19 05:00	08/15/19 12:51	79-01-6	
Trichlorofluoromethane	**<3.9**	ug/kg	13.0	3.9	1	08/15/19 05:00	08/15/19 12:51	75-69-4	
Vinyl chloride	**<4.3**	ug/kg	14.4	4.3	1	08/15/19 05:00	08/15/19 12:51	75-01-4	
cis-1,2-Dichloroethene	**<3.8**	ug/kg	12.6	3.8	1	08/15/19 05:00	08/15/19 12:51	156-59-2	
cis-1,3-Dichloropropene	**<5.1**	ug/kg	16.9	5.1	1	08/15/19 05:00	08/15/19 12:51	10061-01-5	
m&p-Xylene	**<5.6**	ug/kg	18.5	5.6	1	08/15/19 05:00	08/15/19 12:51	179601-23-1	
n-Butylbenzene	**<3.9**	ug/kg	12.8	3.9	1	08/15/19 05:00	08/15/19 12:51	104-51-8	
n-Propylbenzene	**<3.1**	ug/kg	10.5	3.1	1	08/15/19 05:00	08/15/19 12:51	103-65-1	
o-Xylene	**<2.1**	ug/kg	7.1	2.1	1	08/15/19 05:00	08/15/19 12:51	95-47-6	
p-Isopropyltoluene	**<3.4**	ug/kg	11.3	3.4	1	08/15/19 05:00	08/15/19 12:51	99-87-6	
sec-Butylbenzene	**<3.2**	ug/kg	10.6	3.2	1	08/15/19 05:00	08/15/19 12:51	135-98-8	
tert-Butylbenzene	**<2.7**	ug/kg	9.0	2.7	1	08/15/19 05:00	08/15/19 12:51	98-06-6	
trans-1,2-Dichloroethene	**<2.6**	ug/kg	8.8	2.6	1	08/15/19 05:00	08/15/19 12:51	156-60-5	
trans-1,3-Dichloropropene	**<1.9**	ug/kg	6.2	1.9	1	08/15/19 05:00	08/15/19 12:51	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	114	%	73-142		1	08/15/19 05:00	08/15/19 12:51	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1	08/15/19 05:00	08/15/19 12:51	2037-26-5	
4-Bromofluorobenzene (S)	73	%	68-130		1	08/15/19 05:00	08/15/19 12:51	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 40192656

QC Batch: 330732 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low
Associated Lab Samples: 40192656001, 40192656002

METHOD BLANK: 1918722 Matrix: Solid
Associated Lab Samples: 40192656001, 40192656002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<2.4	8.0	08/14/19 08:28	
1,1,1-Trichloroethane	ug/kg	<3.2	10.8	08/14/19 08:28	
1,1,2,2-Tetrachloroethane	ug/kg	<5.0	16.6	08/14/19 08:28	
1,1,2-Trichloroethane	ug/kg	<3.1	10.3	08/14/19 08:28	
1,1-Dichloroethane	ug/kg	<4.1	13.7	08/14/19 08:28	
1,1-Dichloroethene	ug/kg	<3.4	11.4	08/14/19 08:28	
1,1-Dichloropropene	ug/kg	<3.2	10.6	08/14/19 08:28	
1,2,3-Trichlorobenzene	ug/kg	<2.4	7.9	08/14/19 08:28	
1,2,3-Trichloropropane	ug/kg	<3.9	12.9	08/14/19 08:28	
1,2,4-Trichlorobenzene	ug/kg	<2.4	8.0	08/14/19 08:28	
1,2,4-Trimethylbenzene	ug/kg	<2.8	9.4	08/14/19 08:28	
1,2-Dibromo-3-chloropropane	ug/kg	<6.0	19.9	08/14/19 08:28	
1,2-Dibromoethane (EDB)	ug/kg	<0.35	1.2	08/14/19 08:28	
1,2-Dichlorobenzene	ug/kg	<2.5	8.2	08/14/19 08:28	
1,2-Dichloroethane	ug/kg	<0.41	1.4	08/14/19 08:28	
1,2-Dichloropropane	ug/kg	<2.6	8.8	08/14/19 08:28	
1,3,5-Trimethylbenzene	ug/kg	<3.1	10.2	08/14/19 08:28	
1,3-Dichlorobenzene	ug/kg	<2.8	9.2	08/14/19 08:28	
1,3-Dichloropropane	ug/kg	<2.2	7.3	08/14/19 08:28	
1,4-Dichlorobenzene	ug/kg	<2.9	9.7	08/14/19 08:28	
2,2-Dichloropropane	ug/kg	<3.3	10.9	08/14/19 08:28	
2-Chlorotoluene	ug/kg	<3.2	10.8	08/14/19 08:28	
4-Chlorotoluene	ug/kg	<2.9	9.6	08/14/19 08:28	
Benzene	ug/kg	<2.7	9.0	08/14/19 08:28	
Bromobenzene	ug/kg	<2.6	8.6	08/14/19 08:28	
Bromochloromethane	ug/kg	<3.5	11.6	08/14/19 08:28	
Bromodichloromethane	ug/kg	<2.5	8.2	08/14/19 08:28	
Bromoform	ug/kg	<8.1	27.0	08/14/19 08:28	
Bromomethane	ug/kg	<6.0	20.2	08/14/19 08:28	
Carbon tetrachloride	ug/kg	<3.2	10.5	08/14/19 08:28	
Chlorobenzene	ug/kg	<2.9	9.8	08/14/19 08:28	
Chloroethane	ug/kg	<3.6	12.1	08/14/19 08:28	
Chloroform	ug/kg	<3.3	10.8	08/14/19 08:28	
Chloromethane	ug/kg	<2.5	8.3	08/14/19 08:28	
cis-1,2-Dichloroethene	ug/kg	<4.3	14.2	08/14/19 08:28	
cis-1,3-Dichloropropene	ug/kg	<5.7	19.0	08/14/19 08:28	
Dibromochloromethane	ug/kg	<2.6	8.5	08/14/19 08:28	
Dibromomethane	ug/kg	<3.0	9.9	08/14/19 08:28	
Dichlorodifluoromethane	ug/kg	<2.6	8.8	08/14/19 08:28	
Diisopropyl ether	ug/kg	<2.2	7.5	08/14/19 08:28	
Ethylbenzene	ug/kg	<3.5	11.6	08/14/19 08:28	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 40192656

METHOD BLANK: 1918722 Matrix: Solid
Associated Lab Samples: 40192656001, 40192656002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<4.0	13.5	08/14/19 08:28	
Isopropylbenzene (Cumene)	ug/kg	<2.9	9.7	08/14/19 08:28	
m&p-Xylene	ug/kg	<6.3	20.9	08/14/19 08:28	
Methyl-tert-butyl ether	ug/kg	<4.2	13.8	08/14/19 08:28	
Methylene Chloride	ug/kg	<2.8	9.3	08/14/19 08:28	
n-Butylbenzene	ug/kg	<4.3	14.5	08/14/19 08:28	
n-Propylbenzene	ug/kg	<3.5	11.8	08/14/19 08:28	
Naphthalene	ug/kg	<4.1	13.7	08/14/19 08:28	
o-Xylene	ug/kg	<2.4	8.0	08/14/19 08:28	
p-Isopropyltoluene	ug/kg	<3.8	12.7	08/14/19 08:28	
sec-Butylbenzene	ug/kg	<3.6	12.0	08/14/19 08:28	
Styrene	ug/kg	<12.0	39.9	08/14/19 08:28	
tert-Butylbenzene	ug/kg	<3.0	10.2	08/14/19 08:28	
Tetrachloroethene	ug/kg	<4.9	16.4	08/14/19 08:28	
Toluene	ug/kg	<3.1	10.3	08/14/19 08:28	
trans-1,2-Dichloroethene	ug/kg	<3.0	9.9	08/14/19 08:28	
trans-1,3-Dichloropropene	ug/kg	<2.1	7.0	08/14/19 08:28	
Trichloroethene	ug/kg	<3.1	10.3	08/14/19 08:28	
Trichlorofluoromethane	ug/kg	<4.4	14.7	08/14/19 08:28	
Vinyl chloride	ug/kg	<4.9	16.2	08/14/19 08:28	
4-Bromofluorobenzene (S)	%	96	68-130	08/14/19 08:28	
Dibromofluoromethane (S)	%	82	73-142	08/14/19 08:28	
Toluene-d8 (S)	%	111	70-130	08/14/19 08:28	

LABORATORY CONTROL SAMPLE & LCSD: 1918723 1918724

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	36.2	37.9	72	76	66-130	4	27	
1,1,2,2-Tetrachloroethane	ug/kg	50	43.4	48.9	87	98	75-142	12	22	
1,1,2-Trichloroethane	ug/kg	50	52.1	57.6	104	115	70-130	10	22	
1,1-Dichloroethane	ug/kg	50	36.9	39.8	74	80	66-128	7	20	
1,1-Dichloroethene	ug/kg	50	34.9	41.1	70	82	59-131	16	24	
1,2,4-Trichlorobenzene	ug/kg	50	48.6	55.5	97	111	72-157	13	25	
1,2-Dibromo-3-chloropropane	ug/kg	50	29.2	35.0	58	70	55-159	18	33	
1,2-Dibromoethane (EDB)	ug/kg	50	46.8	52.1	94	104	70-130	11	24	
1,2-Dichlorobenzene	ug/kg	50	47.1	52.1	94	104	70-137	10	23	
1,2-Dichloroethane	ug/kg	50	33.9	34.3	68	69	64-135	1	24	
1,2-Dichloropropane	ug/kg	50	45.7	49.6	91	99	71-123	8	23	
1,3-Dichlorobenzene	ug/kg	50	44.0	54.4	88	109	65-153	21	20	R1
1,4-Dichlorobenzene	ug/kg	50	48.8	53.3	98	107	74-131	9	25	
Benzene	ug/kg	50	40.3	45.7	81	91	70-130	12	24	
Bromodichloromethane	ug/kg	50	48.4	49.6	97	99	70-130	2	26	
Bromoform	ug/kg	50	59.2	65.5	118	131	70-130	10	24	L1
Bromomethane	ug/kg	50	37.3	45.3	75	91	26-151	19	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 40192656

LABORATORY CONTROL SAMPLE & LCSD: 1918723 1918724

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/kg	50	36.7	38.9	73	78	67-130	6	22	
Chlorobenzene	ug/kg	50	49.5	57.0	99	114	70-130	14	24	
Chloroethane	ug/kg	50	45.1	47.4	90	95	53-131	5	27	
Chloroform	ug/kg	50	36.9	41.4	74	83	66-130	11	21	
Chloromethane	ug/kg	50	34.2	35.4	68	71	21-118	4	25	
cis-1,2-Dichloroethene	ug/kg	50	45.7	47.2	91	94	62-123	3	23	
cis-1,3-Dichloropropene	ug/kg	50	44.1	45.9	88	92	70-130	4	23	
Dibromochloromethane	ug/kg	50	47.6	51.6	95	103	70-130	8	24	
Dichlorodifluoromethane	ug/kg	50	19.8	23.9	40	48	22-103	19	20	
Ethylbenzene	ug/kg	50	43.9	49.5	88	99	80-121	12	24	
Isopropylbenzene (Cumene)	ug/kg	50	47.7	55.0	95	110	70-130	14	20	
m&p-Xylene	ug/kg	100	95.4	112	95	112	70-130	16	25	
Methyl-tert-butyl ether	ug/kg	50	33.3	38.6	67	77	49-140	15	25	
Methylene Chloride	ug/kg	50	41.0	42.1	82	84	63-131	3	27	
o-Xylene	ug/kg	50	48.7	56.1	97	112	70-130	14	21	
Styrene	ug/kg	50	47.8	53.3	96	107	70-130	11	23	
Tetrachloroethene	ug/kg	50	50.7	58.7	101	117	70-130	15	24	
Toluene	ug/kg	50	42.6	48.3	85	97	79-120	13	22	
trans-1,2-Dichloroethene	ug/kg	50	38.1	42.8	76	86	61-139	12	27	
trans-1,3-Dichloropropene	ug/kg	50	39.0	42.5	78	85	70-130	9	24	
Trichloroethene	ug/kg	50	45.2	50.9	90	102	70-130	12	26	
Trichlorofluoromethane	ug/kg	50	35.0	40.8	70	82	47-136	15	20	
Vinyl chloride	ug/kg	50	38.8	42.3	78	85	40-126	9	30	
4-Bromofluorobenzene (S)	%				116	115	68-130			
Dibromofluoromethane (S)	%				84	90	73-142			
Toluene-d8 (S)	%				104	109	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1918725 1918726

Parameter	Units	40192851001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<3.2	49.9	49.9	31.1	35.8	62	72	66-130	14	44	M1
1,1,2,2-Tetrachloroethane	ug/kg	<4.9	49.9	49.9	48.3	49.7	97	100	16-199	3	47	
1,1,2-Trichloroethane	ug/kg	<3.1	49.9	49.9	52.3	60.6	105	121	43-148	15	46	
1,1-Dichloroethane	ug/kg	<4.1	49.9	49.9	38.2	42.5	77	85	58-137	11	33	
1,1-Dichloroethene	ug/kg	<3.4	49.9	49.9	37.9	39.7	76	80	53-140	5	43	
1,2,4-Trichlorobenzene	ug/kg	<2.4	49.9	49.9	39.8	38.8	80	78	41-182	2	25	
1,2-Dibromo-3-chloropropane	ug/kg	<5.9	49.9	49.9	28.7	30.9	58	62	55-159	7	40	
1,2-Dibromoethane (EDB)	ug/kg	<0.35	49.9	49.9	48.4	55.4	97	111	52-133	14	28	
1,2-Dichlorobenzene	ug/kg	<2.4	49.9	49.9	47.0	42.3	94	85	70-140	11	20	
1,2-Dichloroethane	ug/kg	<0.40	49.9	49.9	31.8	39.9	64	80	49-135	22	41	
1,2-Dichloropropane	ug/kg	<2.6	49.9	49.9	46.0	53.5	92	107	51-134	15	40	
1,3-Dichlorobenzene	ug/kg	<2.7	49.9	49.9	47.0	45.9	94	92	65-153	2	20	
1,4-Dichlorobenzene	ug/kg	<2.9	49.9	49.9	46.6	43.9	93	88	74-134	6	23	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 40192656

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1918725 1918726

Parameter	Units	40192851001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	<2.7	49.9	49.9	42.4	41.2	85	83	51-136	3	37	
Bromodichloromethane	ug/kg	<2.5	49.9	49.9	44.7	47.5	90	95	56-130	6	33	
Bromoform	ug/kg	<8.1	49.9	49.9	59.5	70.2	119	141	21-148	16	33	
Bromomethane	ug/kg	<6.0	49.9	49.9	46.0	45.2	92	91	17-175	2	35	
Carbon tetrachloride	ug/kg	<3.1	49.9	49.9	33.6	40.4	67	81	53-134	18	43	
Chlorobenzene	ug/kg	<2.9	49.9	49.9	49.9	49.4	100	99	35-149	1	50	
Chloroethane	ug/kg	<3.6	49.9	49.9	48.5	48.7	97	98	53-140	0	31	
Chloroform	ug/kg	<3.2	49.9	49.9	40.0	40.9	80	82	54-133	2	46	
Chloromethane	ug/kg	<2.5	49.9	49.9	34.3	34.4	69	69	21-119	0	40	
cis-1,2-Dichloroethene	ug/kg	<4.2	49.9	49.9	48.1	50.2	96	101	49-131	4	44	
cis-1,3-Dichloropropene	ug/kg	<5.7	49.9	49.9	44.2	47.4	89	95	23-148	7	35	
Dibromochloromethane	ug/kg	<2.5	49.9	49.9	46.7	49.8	94	100	51-132	7	35	
Dichlorodifluoromethane	ug/kg	<2.6	49.9	49.9	22.7	24.5	45	49	22-103	8	20	
Ethylbenzene	ug/kg	<3.5	49.9	49.9	45.3	44.4	91	89	48-144	2	50	
Isopropylbenzene (Cumene)	ug/kg	<2.9	49.9	49.9	48.3	48.1	97	96	70-130	1	20	
m&p-Xylene	ug/kg	<6.2	99.8	99.8	98.9	101	99	101	35-156	2	50	
Methyl-tert-butyl ether	ug/kg	<4.1	49.9	49.9	35.0	39.0	70	78	23-163	11	50	
Methylene Chloride	ug/kg	<2.8	49.9	49.9	39.9	45.9	80	92	53-140	14	30	
o-Xylene	ug/kg	<2.4	49.9	49.9	48.2	52.0	97	104	32-155	8	50	
Styrene	ug/kg	<11.9	49.9	49.9	48.4	50.7	97	102	25-145	5	28	
Tetrachloroethene	ug/kg	<4.9	49.9	49.9	51.9	56.4	104	113	33-174	8	50	
Toluene	ug/kg	<3.1	49.9	49.9	44.7	46.6	89	93	52-143	4	42	
trans-1,2-Dichloroethene	ug/kg	<2.9	49.9	49.9	41.9	42.3	84	85	58-142	1	36	
trans-1,3-Dichloropropene	ug/kg	<2.1	49.9	49.9	41.4	43.4	83	87	28-144	5	34	
Trichloroethene	ug/kg	<3.1	49.9	49.9	46.0	47.6	92	95	50-138	3	45	
Trichlorofluoromethane	ug/kg	<4.4	49.9	49.9	37.0	42.2	74	85	47-136	13	20	
Vinyl chloride	ug/kg	<4.8	49.9	49.9	39.0	44.7	78	90	40-139	14	37	
4-Bromofluorobenzene (S)	%						105	109	68-130			
Dibromofluoromethane (S)	%						82	87	73-142			
Toluene-d8 (S)	%						103	101	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 40192656

QC Batch: 330783 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low
Associated Lab Samples: 40192656003

METHOD BLANK: 1919023 Matrix: Solid
Associated Lab Samples: 40192656003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<2.4	8.0	08/15/19 10:13	
1,1,1-Trichloroethane	ug/kg	<3.2	10.8	08/15/19 10:13	
1,1,2,2-Tetrachloroethane	ug/kg	<5.0	16.6	08/15/19 10:13	
1,1,2-Trichloroethane	ug/kg	<3.1	10.3	08/15/19 10:13	
1,1-Dichloroethane	ug/kg	<4.1	13.7	08/15/19 10:13	
1,1-Dichloroethene	ug/kg	<3.4	11.4	08/15/19 10:13	
1,1-Dichloropropene	ug/kg	<3.2	10.6	08/15/19 10:13	
1,2,3-Trichlorobenzene	ug/kg	<2.4	7.9	08/15/19 10:13	
1,2,3-Trichloropropane	ug/kg	<3.9	12.9	08/15/19 10:13	
1,2,4-Trichlorobenzene	ug/kg	<2.4	8.0	08/15/19 10:13	
1,2,4-Trimethylbenzene	ug/kg	<2.8	9.4	08/15/19 10:13	
1,2-Dibromo-3-chloropropane	ug/kg	<6.0	19.9	08/15/19 10:13	
1,2-Dibromoethane (EDB)	ug/kg	<0.35	1.2	08/15/19 10:13	
1,2-Dichlorobenzene	ug/kg	<2.5	8.2	08/15/19 10:13	
1,2-Dichloroethane	ug/kg	<0.41	1.4	08/15/19 10:13	
1,2-Dichloropropane	ug/kg	<2.6	8.8	08/15/19 10:13	
1,3,5-Trimethylbenzene	ug/kg	<3.1	10.2	08/15/19 10:13	
1,3-Dichlorobenzene	ug/kg	<2.8	9.2	08/15/19 10:13	
1,3-Dichloropropane	ug/kg	<2.2	7.3	08/15/19 10:13	
1,4-Dichlorobenzene	ug/kg	<2.9	9.7	08/15/19 10:13	
2,2-Dichloropropane	ug/kg	<3.3	10.9	08/15/19 10:13	
2-Chlorotoluene	ug/kg	<3.2	10.8	08/15/19 10:13	
4-Chlorotoluene	ug/kg	<2.9	9.6	08/15/19 10:13	
Benzene	ug/kg	<2.7	9.0	08/15/19 10:13	
Bromobenzene	ug/kg	<2.6	8.6	08/15/19 10:13	
Bromochloromethane	ug/kg	<3.5	11.6	08/15/19 10:13	
Bromodichloromethane	ug/kg	<2.5	8.2	08/15/19 10:13	
Bromoform	ug/kg	<8.1	27.0	08/15/19 10:13	
Bromomethane	ug/kg	<6.0	20.2	08/15/19 10:13	
Carbon tetrachloride	ug/kg	<3.2	10.5	08/15/19 10:13	
Chlorobenzene	ug/kg	<2.9	9.8	08/15/19 10:13	
Chloroethane	ug/kg	<3.6	12.1	08/15/19 10:13	
Chloroform	ug/kg	<3.3	10.8	08/15/19 10:13	
Chloromethane	ug/kg	<2.5	8.3	08/15/19 10:13	
cis-1,2-Dichloroethene	ug/kg	<4.3	14.2	08/15/19 10:13	
cis-1,3-Dichloropropene	ug/kg	<5.7	19.0	08/15/19 10:13	
Dibromochloromethane	ug/kg	<2.6	8.5	08/15/19 10:13	
Dibromomethane	ug/kg	<3.0	9.9	08/15/19 10:13	
Dichlorodifluoromethane	ug/kg	<2.6	8.8	08/15/19 10:13	
Diisopropyl ether	ug/kg	<2.2	7.5	08/15/19 10:13	
Ethylbenzene	ug/kg	<3.5	11.6	08/15/19 10:13	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 40192656

METHOD BLANK: 1919023 Matrix: Solid
Associated Lab Samples: 40192656003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<4.0	13.5	08/15/19 10:13	
Isopropylbenzene (Cumene)	ug/kg	<2.9	9.7	08/15/19 10:13	
m&p-Xylene	ug/kg	<6.3	20.9	08/15/19 10:13	
Methyl-tert-butyl ether	ug/kg	<4.2	13.8	08/15/19 10:13	
Methylene Chloride	ug/kg	<2.8	9.3	08/15/19 10:13	
n-Butylbenzene	ug/kg	<4.3	14.5	08/15/19 10:13	
n-Propylbenzene	ug/kg	<3.5	11.8	08/15/19 10:13	
Naphthalene	ug/kg	<4.1	13.7	08/15/19 10:13	
o-Xylene	ug/kg	<2.4	8.0	08/15/19 10:13	
p-Isopropyltoluene	ug/kg	<3.8	12.7	08/15/19 10:13	
sec-Butylbenzene	ug/kg	<3.6	12.0	08/15/19 10:13	
Styrene	ug/kg	<12.0	39.9	08/15/19 10:13	
tert-Butylbenzene	ug/kg	<3.0	10.2	08/15/19 10:13	
Tetrachloroethene	ug/kg	<4.9	16.4	08/15/19 10:13	
Toluene	ug/kg	<3.1	10.3	08/15/19 10:13	
trans-1,2-Dichloroethene	ug/kg	<3.0	9.9	08/15/19 10:13	
trans-1,3-Dichloropropene	ug/kg	<2.1	7.0	08/15/19 10:13	
Trichloroethene	ug/kg	<3.1	10.3	08/15/19 10:13	
Trichlorofluoromethane	ug/kg	<4.4	14.7	08/15/19 10:13	
Vinyl chloride	ug/kg	<4.9	16.2	08/15/19 10:13	
4-Bromofluorobenzene (S)	%	77	68-130	08/15/19 10:13	
Dibromofluoromethane (S)	%	103	73-142	08/15/19 10:13	
Toluene-d8 (S)	%	93	70-130	08/15/19 10:13	

LABORATORY CONTROL SAMPLE & LCSD: 1919024 1919025

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	40.8	45.1	82	90	66-130	10	27	
1,1,2,2-Tetrachloroethane	ug/kg	50	44.3	47.8	89	96	75-142	8	22	
1,1,2-Trichloroethane	ug/kg	50	47.5	51.8	95	104	70-130	9	22	
1,1-Dichloroethane	ug/kg	50	40.6	44.9	81	90	66-128	10	20	
1,1-Dichloroethene	ug/kg	50	37.0	41.6	74	83	59-131	12	24	
1,2,4-Trichlorobenzene	ug/kg	50	41.1	46.8	82	94	72-157	13	25	
1,2-Dibromo-3-chloropropane	ug/kg	50	39.7	43.6	79	87	55-159	9	33	
1,2-Dibromoethane (EDB)	ug/kg	50	47.4	52.5	95	105	70-130	10	24	
1,2-Dichlorobenzene	ug/kg	50	45.1	49.9	90	100	70-137	10	23	
1,2-Dichloroethane	ug/kg	50	45.2	49.7	90	99	64-135	10	24	
1,2-Dichloropropane	ug/kg	50	53.5	59.5	107	119	71-123	11	23	
1,3-Dichlorobenzene	ug/kg	50	42.9	47.7	86	95	65-153	11	20	
1,4-Dichlorobenzene	ug/kg	50	45.8	51.2	92	102	74-131	11	25	
Benzene	ug/kg	50	39.1	43.7	78	87	70-130	11	24	
Bromodichloromethane	ug/kg	50	46.2	52.0	92	104	70-130	12	26	
Bromoform	ug/kg	50	53.5	58.1	107	116	70-130	8	24	
Bromomethane	ug/kg	50	24.9	28.5	50	57	26-151	13	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 40192656

LABORATORY CONTROL SAMPLE & LCSD: 1919024 1919025

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/kg	50	44.0	49.1	88	98	67-130	11	22	
Chlorobenzene	ug/kg	50	47.7	53.1	95	106	70-130	11	24	
Chloroethane	ug/kg	50	28.8	34.6	58	69	53-131	18	27	
Chloroform	ug/kg	50	38.2	42.2	76	84	66-130	10	21	
Chloromethane	ug/kg	50	23.7	27.2	47	54	21-118	14	25	
cis-1,2-Dichloroethene	ug/kg	50	39.5	43.8	79	88	62-123	10	23	
cis-1,3-Dichloropropene	ug/kg	50	43.8	49.4	88	99	70-130	12	23	
Dibromochloromethane	ug/kg	50	49.5	54.8	99	110	70-130	10	24	
Dichlorodifluoromethane	ug/kg	50	12.9	14.3	26	29	22-103	10	20	
Ethylbenzene	ug/kg	50	45.5	51.2	91	102	80-121	12	24	
Isopropylbenzene (Cumene)	ug/kg	50	48.3	54.1	97	108	70-130	11	20	
m&p-Xylene	ug/kg	100	99.3	110	99	110	70-130	11	25	
Methyl-tert-butyl ether	ug/kg	50	37.9	42.1	76	84	49-140	10	25	
Methylene Chloride	ug/kg	50	36.7	41.6	73	83	63-131	12	27	
o-Xylene	ug/kg	50	46.9	52.6	94	105	70-130	11	21	
Styrene	ug/kg	50	51.2	56.6	102	113	70-130	10	23	
Tetrachloroethene	ug/kg	50	49.7	55.7	99	111	70-130	11	24	
Toluene	ug/kg	50	45.3	51.3	91	103	79-120	12	22	
trans-1,2-Dichloroethene	ug/kg	50	38.3	42.5	77	85	61-139	11	27	
trans-1,3-Dichloropropene	ug/kg	50	41.2	45.9	82	92	70-130	11	24	
Trichloroethene	ug/kg	50	45.2	50.8	90	102	70-130	12	26	
Trichlorofluoromethane	ug/kg	50	38.9	43.4	78	87	47-136	11	20	
Vinyl chloride	ug/kg	50	28.3	32.1	57	64	40-126	13	30	
4-Bromofluorobenzene (S)	%				98	98	68-130			
Dibromofluoromethane (S)	%				95	95	73-142			
Toluene-d8 (S)	%				97	98	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1919026 1919027

Parameter	Units	40192927007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<0.0038 mg/kg	58.3	58.3	41.8	43.4	72	74	66-130	4	44	
1,1,2,2-Tetrachloroethane	ug/kg	<0.0059 mg/kg	58.3	58.3	47.2	50.8	81	87	16-199	8	47	
1,1,2-Trichloroethane	ug/kg	<0.0037 mg/kg	58.3	58.3	50.1	54.1	86	93	43-148	8	46	
1,1-Dichloroethane	ug/kg	<0.0049 mg/kg	58.3	58.3	43.4	46.6	74	80	58-137	7	33	
1,1-Dichloroethene	ug/kg	<0.0040 mg/kg	58.3	58.3	38.5	35.4	66	61	53-140	8	43	
1,2,4-Trichlorobenzene	ug/kg	<2.8	58.3	58.3	22.3	17.0	37	28	41-182	27	25	M1,R1
1,2-Dibromo-3-chloropropane	ug/kg	<7.0	58.3	58.3	43.9	45.6	75	78	55-159	4	40	
1,2-Dibromoethane (EDB)	ug/kg	<0.41	58.3	58.3	50.1	53.3	86	91	52-133	6	28	
1,2-Dichlorobenzene	ug/kg	<2.9	58.3	58.3	35.8	32.3	61	55	70-140	10	20	M1

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 40192656

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1919026 1919027

Parameter	Units	40192927007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/kg	<0.00048 mg/kg	58.3	58.3	48.0	51.4	82	88	49-135	7	41	
1,2-Dichloropropane	ug/kg	<0.0031 mg/kg	58.3	58.3	55.1	59.3	94	102	51-134	7	40	
1,3-Dichlorobenzene	ug/kg	<3.3	58.3	58.3	33.8	27.6	58	47	65-153	20	20	M1
1,4-Dichlorobenzene	ug/kg	<3.4	58.3	58.3	35.9	30.2	61	51	74-134	17	23	M1
Benzene	ug/kg	<0.0032 mg/kg	58.3	58.3	40.3	42.2	69	72	51-136	5	37	
Bromodichloromethane	ug/kg	<0.0029 mg/kg	58.3	58.3	48.1	52.0	82	89	56-130	8	33	
Bromoform	ug/kg	<0.0096 mg/kg	58.3	58.3	55.0	58.6	94	100	21-148	6	33	
Bromomethane	ug/kg	<0.0071 mg/kg	58.3	58.3	31.5	31.8	54	54	17-175	1	35	
Carbon tetrachloride	ug/kg	<0.0037 mg/kg	58.3	58.3	42.4	40.4	73	69	53-134	5	43	
Chlorobenzene	ug/kg	<0.0035 mg/kg	58.3	58.3	44.9	42.6	77	73	35-149	5	50	
Chloroethane	ug/kg	<0.0043 mg/kg	58.3	58.3	33.2	34.2	57	59	53-140	3	31	
Chloroform	ug/kg	<0.0038 mg/kg	58.3	58.3	41.0	43.1	70	74	54-133	5	46	
Chloromethane	ug/kg	<0.0029 mg/kg	58.3	58.3	28.8	29.1	49	50	21-119	1	40	
cis-1,2-Dichloroethene	ug/kg	<0.0050 mg/kg	58.3	58.3	41.8	43.2	72	74	49-131	3	44	
cis-1,3-Dichloropropene	ug/kg	<0.0067 mg/kg	58.3	58.3	44.3	46.7	76	80	23-148	5	35	
Dibromochloromethane	ug/kg	<0.0030 mg/kg	58.3	58.3	51.8	55.0	89	94	51-132	6	35	
Dichlorodifluoromethane	ug/kg	<3.1	58.3	58.3	13.1	9.0J	23	15	22-103		20	M1
Ethylbenzene	ug/kg	<0.0041 mg/kg	58.3	58.3	39.8	36.5	68	62	48-144	9	50	
Isopropylbenzene (Cumene)	ug/kg	<3.4	58.3	58.3	36.1	32.5	62	56	70-130	10	20	M1
m&p-Xylene	ug/kg	<0.0074 mg/kg	117	117	85.9	76.4	74	65	35-156	12	50	
Methyl-tert-butyl ether	ug/kg	<0.0049 mg/kg	58.3	58.3	42.6	46.7	73	80	23-163	9	50	
Methylene Chloride	ug/kg	<0.0033 mg/kg	58.3	58.3	40.5	43.2	69	74	53-140	7	30	
o-Xylene	ug/kg	<0.0028 mg/kg	58.3	58.3	41.8	40.0	72	69	32-155	4	50	
Styrene	ug/kg	<0.014 mg/kg	58.3	58.3	46.2J	43.5J	79	75	25-145		28	
Tetrachloroethene	ug/kg	<0.0058 mg/kg	58.3	58.3	40.1	31.2	69	53	33-174	25	50	
Toluene	ug/kg	<0.0036 mg/kg	58.3	58.3	45.3	43.7	78	75	52-143	4	42	
trans-1,2-Dichloroethene	ug/kg	<0.0035 mg/kg	58.3	58.3	38.9	36.6	67	63	58-142	6	36	
trans-1,3-Dichloropropene	ug/kg	<0.0025 mg/kg	58.3	58.3	44.2	44.7	76	77	28-144	1	34	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 40192656

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1919026 1919027

Parameter	Units	40192927007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Trichloroethene	ug/kg	<0.0036 mg/kg	58.3	58.3	42.5	39.3	73	67	50-138	8	45	
Trichlorofluoromethane	ug/kg	<0.0052 mg/kg	58.3	58.3	37.1	31.6	64	54	47-136	16	20	
Vinyl chloride	ug/kg	<0.0058 mg/kg	58.3	58.3	32.0	30.7	55	53	40-139	4	37	
4-Bromofluorobenzene (S)	%						98	98	68-130			
Dibromofluoromethane (S)	%						95	95	73-142			
Toluene-d8 (S)	%						100	100	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALIFIERS

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 40192656

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

WORKORDER QUALIFIERS

WO: 40192656

[1]	No dry wt volume received. Report "as received" per client request.

ANALYTE QUALIFIERS

1q	The internal standard response was below the laboratory acceptance criteria limits confirmed by analysis. Results may be biased high.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PECO-2017-100 GREEN TREE
Pace Project No.: 40192656

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40192656001	**HA-4**	EPA 8260	330732	EPA 8260	330734
40192656002	**HA-3**	EPA 8260	330732	EPA 8260	330734
40192656003	**HA-2**	EPA 8260	330783	EPA 8260	330786

(Please Print Clearly)	
Company Name:	Apex Companies
Branch/Location:	Chicago
Project Contact:	Steve Newlin
Phone:	847-687-8095
Project Number:	PECO_2017-100
Project Name:	Green Tree
Project State:	WI
Sampled By (Print):	Ahmed Ali
Sampled By (Sign):	
PO #:	Regulatory Program:

Pace Analytical®
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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of

40192656

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
Sl = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Analyses Requested: Y/N	Pick Letter	VOCs Chlorinated normal list plus Naphs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	HA-4	8/6	1310	S				A	4		PL	
002	HA-3		1345									
003	HA-2		1330									

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ahmed Ali / Apex	8/6 22:00		
		Susan Kelly Pace	8/8/19 0900

PACE Project No. 40192656
Receipt Temp = ROT °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

C019a(27Jun2006)
Version 6.0 06/14/06
ORIGINAL

Client Name: ___

All containers

Pace Lab #	AG1U	AG1H	AG4S	AG4U	Glas
001					
002					
003					
004					
005					
006					
007					
008					
009					
010					
011					
012					
013					
014					
015					
016					
017					
018					
019					
020					

Exceptions to preservation ch

AG1U	1 liter amber glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2
AG4U	120 mL amber glass unp
AG5U	100 mL amber glass unp
AG2S	500 mL amber glass H2
BG3U	250 mL clear glass unpr

Pace Analytical™ 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 25Apr2018
	Document No.: F-GB-C-031-Rev.07	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Client Name: APEX

Project #: **WO#: 40192656**

40192656

Courier: ☑ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco ☐ Client ☐ Pace Other:

Tracking #:

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Thermometer Used SR - N/A **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROT /Corr:

Temp Blank Present: ☐ yes ☑ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Person examining contents: Date: 8-8-19 Initials:

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Chain of Custody Present:	☑Yes ☐No ☐N/A	1. CC 8-8-19 SW
Chain of Custody Filled Out:	☐Yes ☑No ☐N/A	2. No pg #, Mail, Invoice 8-8-19 SW
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: 8/8/19 SW		8. 001- 40mlV F no MEOH evident in vial 8/8/19
For Analysis: ☐Yes (☒No) MS/MSD:	☐Yes ☑No ☐N/A	
Correct Containers Used:	☑Yes ☐No	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC: 8/8/19 SW	☑Yes ☐No ☐N/A	12. No Dry Weight Volum 8/8/19 SW
-Includes date/time/ID/Analysis Matrix: S		
Trip Blank Present:	☐Yes ☑No ☐N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution: Report 'as rec'd' per SW 8/8/19

Project Manager Review: LW **Date:** 8/9/19