



**Monday, December 4, 2017
5:30 PM**

CITY COUNCIL AGENDA

I. Call to Order

1. Roll Call
2. Pledge of Allegiance

II. Appearance of Citizens

Policy relative to Appearance of Citizens:

A 15 minute time period is provided for citizens to appear and express their views before the City Council. Each citizen who appears will be limited to 3 minutes. No immediate response will be given by City Council or City staff members. Citizens are to give their documents to the Police Officer for distribution to the Council.

III. Approval of Minutes

Approval of Minutes of November 20, 2017 City Council Meeting

IV. Unfinished Business

V. New Business

1. Proclamations and Recognitions
2. Public Hearing Regarding Annual Tax Levy for the City of Decatur
3. Resolution Approving the Budget for the City of Decatur for the Fiscal Period Beginning January 1, 2018 and Ending December 31, 2018
4. Motion to Reconsider Ordinance Rezoning Property R-3 Single-Family Residence District to B-2 Commercial District 1355 North Illinois Route 48
5. Ordinance Rezoning Property R-3 Single Family Residence District to B-2 Commercial District 1355 North Illinois Route 48
6. Resolution Authorizing Amendment To Agreement Between the City of Decatur and MDA Properties, LLC
7. Consent Calendar: Items listed under the Consent Calendar are considered to be routine and will be enacted by one motion and one vote. If separate action is desired on any item, it will be removed from the Consent Calendar and considered separately.
 - A. Resolution Authorizing U.S. Department of Housing and Urban Development Fund Allocation for the Annual Action Plan FY 2017-18
 - B. Resolution Authorizing City Manager, Deputy City Manager and/or Director of Economic & Community Development to Approve HUD Project Agreements and Expenditures

- C. Resolution Authorizing the City Manager to Negotiate and Enter into an Agreement with the Central Illinois Regional Dispatch Center Regarding Records of the City of Decatur Emergency Communication Center that Exist as of December 31, 2017; their Maintenance, Retention, Destruction, and Responsibility to Preserve
- D. Ordinance Amending City Code Chapter 52 Alcoholic Liquor

VI. Other Business

VII. Adjournment

Council Information - 2017 City-wide Cleanup Summary

CITY COUNCIL MINUTES
Monday, November 20, 2017

On Monday, November 20, 2017, the City Council of the City of Decatur, Illinois, met in Regular Meeting at 5:30 p.m., in the Council Chambers, One Gary K. Anderson Plaza, Decatur, Illinois.

Mayor Julie Moore Wolfe presided, together with her being Councilmen Lisa Gregory, David Horn, Charles Kuhle, Pat McDaniel, Dana Ray and Bill Faber. Seven members present. Mayor Julie Moore Wolfe declared a quorum present.

City Manager Tim Gleason attended the meeting as well.

Mayor Julie Moore Wolfe led the Pledge of Allegiance to the Flag.

Mayor Julie Moore Wolfe called for Appearance of Citizens:

Jim Oettel, Sandra Lindberg, and Roslyn O'Conner shared their concerns and comments regarding the City's logging contract. They asked the Council to stop the logging of trees and recommended the City develop a natural area master plan.

The minutes of the November 6, 2017, regular Council meeting were presented. Councilman Pat McDaniel moved the minutes be approved as written; seconded by Councilwoman Dana Ray, and on call of the roll, Councilmen Lisa Gregory, David Horn, Charles Kuhle, Pat McDaniel, Dana Ray, Bill Faber and Mayor Julie Moore Wolfe voted aye. Mayor Julie Moore Wolfe declared the motion carried.

This being the time set aside for Unfinished Business and there being none, Mayor Julie Moore Wolfe called for New Business.

Proclamations and Recognitions: Brian Byers and Debbie Bogle shared that in honor of the WSOY Community Food Drive the community was awarded the Governor's Cup.

R2017-136 Resolution Authorizing Redevelopment Agreement Liaison Home Automation, LLC 288 North Park Street – Street Level, was presented.

Councilwoman Dana Ray moved the Resolution do pass; seconded by Councilman Pat McDaniel.

City Manager Tim Gleason and Economic and Community Development Director Ray Lai responded to Council members questions regarding sales tax revenue and incentives offered to the developer.

Upon call of the roll, Councilmen Lisa Gregory, David Horn, Charles Kuhle, Dana Ray, and Mayor Julie Moore Wolfe voted aye. Councilmen Pat McDaniel and Bill Faber voted nay. Five ayes and two nays. Mayor Julie Moore Wolfe declared the motion carried.

Ordinance Rezoning Property R-3 Single-Family Residence District to B-2 Commercial District 1355 North Illinois Route 48, was presented.

Councilman Pat McDaniel moved the Ordinance do pass; seconded by Councilwoman Dana Ray. Upon call of the roll, Councilmen Lisa Gregory, David Horn, Charles Kuhle, Pat McDaniel, Dana Ray, Bill Faber and Mayor Julie Moore Wolfe voted nay. Seven nays and no ayes. Mayor Julie Moore Wolfe declared the motion failed.

R2017-137 Resolution Authorizing and Acknowledging Receiving of Grant Funds from the Howard G. Buffett Foundation for the Neighborhood Redevelopment Component of the City Community Revitalization Initiative, was presented.

Councilwoman Dana Ray moved the Resolution do pass; seconded by Councilwoman Lisa Gregory.

Council members thanked the Howard G. Buffett Foundation for making the donation.

City Manager Tim Gleason responded to Citizen Dianne Spaniol's questions regarding the City's use of the grant funds for Neighborhood Redevelopment.

Upon call of the roll, Councilmen Lisa Gregory, David Horn, Charles Kuhle, Pat McDaniel, Dana Ray, Bill Faber and Mayor Julie Moore Wolfe voted aye. Mayor Julie Moore Wolfe declared the motion carried.

R2017-138 Resolution Authorizing Termination of Intergovernmental Agreement Regarding Vehicles Manufactured by Pierce Manufacturing, Inc.

Councilman Pat McDaniel moved the Resolution do pass; seconded by Councilwoman Dana Ray. Upon call of the roll, Councilmen Lisa Gregory, David Horn, Charles Kuhle, Pat McDaniel, Dana Ray, Bill Faber and Mayor Julie Moore Wolfe voted aye. Mayor Julie Moore Wolfe declared the motion carried.

Mayor Julie Moore Wolfe called for Consent Calendar Items A through D and asked if any Council member wished to have an item removed from the Consent Calendar. Councilman Bill Faber requested Item D. be removed. The Clerk read Items A - C:

- A. Receiving and Filing of Minutes of Boards and Commissions
- B. R2017-139 Resolution Approving Appointment – Civil Service Commission
- C. R2017-140 Resolution Regarding Temporary Closing of State Rights-of-Way Community Events Annual 2 Miles to Miles/Crown 5K & Fun Run

Councilwoman Dana Ray moved Items A through C be approved by Omnibus Vote; seconded by Councilwoman Lisa Gregory, and on call of the roll, Councilmen Lisa Gregory, David Horn, Charles Kuhle, Pat McDaniel, Dana Ray, Bill Faber and Mayor Julie Moore Wolfe voted aye. Mayor Julie Moore Wolfe declared the motion carried.

Item D., R2017-141 Resolution Estimating Amounts Necessary to be Raised by Tax Levy, was presented.

Councilman Pat McDaniel moved the Resolution do pass; seconded by Councilwoman Dana Ray.

Finance Director Gregg Zientara stated the Resolution announced that there will be a Public Hearing at the next Council meeting on December 4, 2017, for the purpose of a Property Tax Levy discussion.

Upon call of the roll, Councilmen Lisa Gregory, David Horn, Charles Kuhle, Pat McDaniel, Dana Ray, Bill Faber and Mayor Julie Moore Wolfe voted aye. Mayor Julie Moore Wolfe declared the motion carried.

Mayor Julie Moore Wolfe called for Other Business.

City Manager Tim Gleason stated that there is an option under the second logging agreement that the City has with Critchelow Logging to opt out of the contract. The City needs to opt out of the contract because we have found out the property is owned by the Decatur Park District. Councilman David Horn stated there needs to be a master plan developed. Councilman David Horn asked if the consulting forester's contract would be terminated. City Manager Tim Gleason stated it would be.

Councilman Pat McDaniel spoke about road races and how closing a main traffic area is very disruptive to traffic and businesses. He urged staff to encourage organizations that want to have running races, which Council would have to approve closing rights-of-way for, to look at other routes where they are not closing major traffic areas and disrupting businesses and home owners.

Councilwoman Lisa Gregory stated that when Council started the Neighborhood Revitalization efforts her understanding was that the focus and the goals of this community wide effort was to focus on the inner City neighborhoods that are decayed. She asked to clarify that the goal of this revitalization plan is primarily to provide strategies by which we can revitalize neighborhoods such as Old Kings Orchard and GM Square. City Manager Tim Gleason stated in their first neighborhood revitalization meeting their discussion was about the neighborhood challenges that the community has. Mayor Julie Moore Wolfe stated there are also pockets of neighborhoods that need to be looked at before they start to decay further. Councilwoman Lisa Gregory stated she is starting to hear a lot of people using the word "community" and it causing her concern because we are a community of 73,000, she is hoping we begin to work on our inner City neighborhoods and as they are revitalized that will grow out and be a larger benefit to our entire community.

With no other business, Mayor Julie Moore Wolfe called to Recess to a Study Session for the Treasurer's Financial Report and Fiscal Year 2018 Budget Review.

Councilwoman Dana Ray moved to recess to Study Session; seconded by Councilman Pat McDaniel. Upon call of the roll, Councilmen Lisa Gregory, David Horn, Charles Kuhle, Pat McDaniel, Dana Ray, Bill Faber and Mayor Julie Moore Wolfe voted aye. Mayor Julie Moore Wolfe declared the motion carried.

Finance Director Gregg Zientara presented highlights of the February 2017 Treasurer's Financial Report and responded to Council members finance questions.

City Manager Tim Gleason and Finance Director Gregg Zientara provided a PowerPoint presentation regarding the 2018 proposed City's budget. Council members shared their comments regarding the 2018 proposed City's deficit budget. Council members reviewed a list of entities that the City provides funds for and how Council needs a better understanding of what their funds do for them. Council members wanted to let entities know that the City has some financial concerns that will need to be solved. City Manager Tim Gleason confirmed that the proposed budget will be on Council agenda on December 4th and he will write a letter to the different entities and include the Municipal Band.

Councilman Bill Faber stepped out of the meeting at 7:40 p.m. and returned at 7:42 p.m.

Mayor Julie Moore Wolfe stepped out of the meeting at 7:55 p.m. and returned at 7:57 p.m.

Councilman Pat McDaniel moved the Council meeting be adjourned; seconded by Councilman Charles Kuhle, and on call of roll, Councilmen Lisa Gregory, David Horn, Charles Kuhle, Pat McDaniel, Dana Ray, Bill Faber and Mayor Julie Moore Wolfe voted aye. Mayor Julie Moore Wolfe declared the Council meeting adjourned at 8:20 p.m.

Approved _____
Debra G. Bright
City Clerk

Exhibit A

City of Decatur, Illinois Notification of Proposed Tax Levy

The City of Decatur hereby proposes to the City Council the 2017 Tax Levy, for taxes to be extended by the Macon County Clerk with Equalized Assessed Values as determined by the Macon County Office of Assessment and certified by the State of Illinois Department of Revenue, for property taxes to be billed and collected by the Macon County Treasurer in calendar 2018.

	2017 Proposed Levy	2016 Levy Extension	\$ Change	% Change
Corporate Purpose	857,468.00	629,388.86	228,079.14	36.2%
Police Pension	4,082,000.00	3,975,078.67	106,921.33	2.7%
Firefighter Pension	4,900,000.00	4,580,043.98	319,956.02	7.0%
Public Library	2,900,000.00	2,900,023.09	(23.09)	0.0%
Municipal Band	65,000.00	65,045.52	(45.52)	-0.1%
Total General Levy	12,804,468.00	12,149,580.12	654,887.88	5.4%
GO Debt Service	12,758,547.73	12,794,235.03	(35,687.30)	-0.3%
GO Abatement	11,686,215.45	11,080,558.32	605,657.13	5.5%
Total Debt Levy (1)	1,072,332.28	1,713,676.71	(641,344.43)	-37.4%
Tax Levy Proposed	13,876,800.28	13,863,256.83	13,543.45	0.10%

A Public Hearing will take place at the City Council meeting on December 4, 2017

The Tax Levy will be presented to the City of Decatur City Council for approval at the December 18, 2017 meeting of the City Council.

- (1) The 2017 Debt Levy displayed herewith is an estimate of the expected final GO Debt Service and GO Abatement. These numbers are subject to change pending the conclusion of the 2017 Series GO (2008 Series Refunding) scheduled to price and close after council adoption of the 2017 tax levy. The 2017 Series GO will be 100% abated from the tax levy. City staff will present the 2017 Series GO abatement ordinance to the Council for adoption in January 2018.

Office of the City Treasurer
City of Decatur, Illinois
November 15, 2017

Financial Management

DATE: 11/27/2017

MEMO: Letter to the Decatur City Council Financial Management Department 2017 - 12

TO: Honorable Mayor Moore Wolfe and City Council Members

FROM: Tim Gleason, City Manager
Gregg D. Zientara, City treasurer & Director of Finance

SUBJECT: Resolution Approving the Budget for the City of Decatur for the Fiscal Period Beginning January 1, 2018 and Ending December 31, 2018

SUMMARY RECOMMENDATION:

City Administration recommends City Council approval of the attached Resolution approving the budget for the fiscal period January 1, 2018 to December 31, 2018.

BACKGROUND:

City Administration presented the budget to City Council members at the November 20, 2017 Council meeting in Study Session. In addition, City Administration communicated and discussed the budget with City Council Members in one-on-one sessions.

POTENTIAL OBJECTIONS: There are no known objections to this resolution request.

INPUT FROM OTHER SOURCES:

No input from other sources.

STAFF REFERENCE: Tim Gleason, City Manager Gregg D. Zientara, City Treasurer & Director of Finance

BUDGET/TIME IMPLICATIONS:

This action will affix the City budget for the fiscal period January 1, 2018 to December 31, 2018.

ATTACHMENTS:

Description

Resolution

Statement and Budget

Type

Resolution Letter

Backup Material

RESOLUTION NO. 2017-

**RESOLUTION APPROVING THE BUDGET FOR THE CITY OF DECATUR FOR THE
FISCAL PERIOD BEGINNING JANUARY 1, 2018 AND ENDING
DECEMBER 31, 2018**

WHEREAS: The budget for the fiscal period beginning January 1, 2018 and ending December 31, 2018 has been proposed by the City Manager and reviewed by the City Council; and,

WHEREAS: The proposed budget was available for public inspection and a public discussion was held.

NOW THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF DECTAUR, ILLINOIS:

Section 1. That the budget for the fiscal period beginning January 1, 2018 and ending December 31, 2018 is hereby approved.

PRESENTED AND ADOPTED this 4th day of December 2017.

JULIE MOORE WOLFE, MAYOR

ATTEST:

City Clerk



Resolution Approving the Budget for the City of Decatur for the Fiscal Period Beginning January 1, 2018 and Ending December 31, 2018.

The City of Decatur 2018 Annual Budget was distributed to Mayor and Council Members dated November 17, 2016. The Resolution presented December 4, 2017 for Council consideration is unchanged and as submitted to Mayor and Council Members in the distribution dated November 17, 2017, and as discussed at the Council Study Session November 20, 2017.

The Budget was made available November 27, 2017 for public review in the office of the City Clerk as well as on the City web-site.

Tim Gleason, City Manager
Gregg D. Zientara, City Treasurer & Director of Finance



City of Decatur, Illinois
2018 Budget
Fund Revenue & Expenditure Summary

Fund	Fund Name	Proposed Budget Period 2018					Ending Fund Balance
		Beginning Fund Balance	Revenue	Expense	Surplus (Deficit)	Interfund Loans	
10	General Fund	4,850,000	64,800,000	67,995,000	(3,195,000)		1,655,000
	Special Revenue Funds						
12	Economic Development	229,500	324,000	553,500	(229,500)		-
17	HOME	-	840,899	840,899	-		-
18	CDBG	3,627	1,896,919	1,896,919	-		3,627
22	DUATS	10,250	260,000	260,000	-		10,250
25	Police Drug Enforcement	737,736	182,300	414,776	(232,476)		505,260
26	Police DUI Fines & Fees	117,018	118,965	132,500	(13,535)		103,483
27	Police Lab & Programs	27,957	15,010	34,700	(19,690)		8,267
32	Fire Grants	-	100,000	100,000	-		-
33	Police Capital Fund	528,942	182,300	303,151	(120,851)		408,091
34	Building Fund	155,336	594,288	478,912	115,376		270,712
35	City of Decatur Library	913,452	3,590,215	3,573,350	16,865		930,317
36	Municipal Band	20,000	93,077	93,077	-		20,000
39	Police Justice Admin Grant	-	-	-	-		-
42	Local Roads & Streets	1,800,000	4,802,000	4,216,429	585,571		2,385,571
46	Motor Fuel Tax	1,187,005	2,187,950	2,999,100	(811,150)		375,855
47	Major Moves	109,992	2,530,000	2,610,000	(80,000)		29,992
49	Fire Capital	192,500	1,505,000	1,696,047	(191,047)		1,453
58	Library Capital	200,385	375,000	375,000	-		200,385
59	Library Trust	250,000	10,000	121,528	(111,528)		138,472
77	Fiber Optics	4,450	230,000	232,100	(2,100)		2,350
82	DCDF	123,000	20,000	135,600	(115,600)		7,400
83	Neighborhood Improvements	35,000	100	20,378	(20,278)		14,722
84	Community Revitalization	-	300,000	300,000	-		-
85	Grants	-	-	-	-		-
	xxxx	-	-	-	-		-
	Total Special Revenue Funds	6,646,150	20,158,023	21,387,966	(1,229,943)	-	5,416,207
	TIF Redevelopment Funds						
19	TIF Old Towne	9,705	1,171,887	1,143,590	28,297		38,002
20	TIF Southeast Plaza	353,340	441,900	550,000	(108,100)		245,240
21	TIF Wabash Crossing	201,842	232,000	266,760	(34,760)		167,082
23	TIF Eastgate	31,172	323,550	320,000	3,550		34,722
24	TIF South Side	62,117	28,000	8,100	19,900		82,017
28	TIF Pines Shopping	143,756	110,200	105,000	5,200		148,956
29	TIF Grand & Oakland	197,336	198,550	190,000	8,550		205,886
	xxxx	-	-	-	-		-
	Total TIF Redevelopment Funds	999,268	2,506,087	2,583,450	(77,363)	-	921,905
	Capital Funds						
40	PEG Capital	268,305	84,250	305,154	(220,904)		47,401
43	2010 Bond Project	-	-	-	-		-
45	Capital Project	28,450	-	28,450	(28,450)		-
	xxxx	-	-	-	-		-
	Total Capital Funds	296,755	84,250	333,604	(249,354)	-	47,401
	Debt Funds						
50	Debt Service	706,067	1,297,942	1,125,491	172,451		878,518
	xxxx	-	-	-	-		-
	Total Debt Service Funds	706,067	1,297,942	1,125,491	172,451	-	878,518



City of Decatur, Illinois
2018 Budget
Fund Revenue & Expenditure Summary

		Proposed Budget Period 2018					
Fund	Fund Name	Beginning Fund Balance	Revenue	Expense	Surplus (Deficit)	Interfund Loans	Ending Fund Balance
Internal Service Funds							
60	Fleet Maintenance	500,000	2,611,465	2,449,864	161,601		661,601
61	Equipment Replacement	325,000	-	214,400	(214,400)		110,600
64	Risk Management	722,752	3,241,284	2,942,740	298,544		1,021,296
65	Benefit Insurance Fund	3,755,561	9,073,156	10,532,278	(1,459,122)		2,296,439
	xxxx	-	-	-	-		-
Total Internal Service Funds		5,303,313	14,925,905	16,139,282	(1,213,377)	-	4,089,936
Enterprise Funds							
70	Mass Transit Operations	27,375	8,236,980	8,236,980	-		27,375
78	Public Works Storm Water	1,600,000	4,668,200	4,716,691	(48,491)		1,551,509
79	Public Works Sewer	5,700,000	11,249,900	14,292,072	(3,042,172)		2,657,828
80	Public Works Water Operating	4,000,000	30,111,992	29,990,011	121,981		4,121,981
81	Public Works Water Capital	4,696,056	3,756,000	5,762,000	(2,006,000)		2,690,056
86	Public Works Water Debt Service	11,500,000	-	-	-		11,500,000
88	Recycling	51,795	698,000	661,495	36,505		88,300
89	Water Bond Construction	4,856,841	19,023,500	20,295,000	(1,271,500)		3,585,341
	xxxx	-	-	-	-		-
Total Enterprise Funds		32,432,067	77,744,572	83,954,249	(6,209,677)	-	26,222,390
Total Civil City of Decatur		51,233,620	181,516,779	193,519,042	(12,002,263)	-	39,231,357
Trust & Agency Funds							
90	Firefighters Pension	68,336,889	9,961,294	8,413,192	1,548,102		69,884,991
91	Police Pension	90,864,820	12,239,078	8,352,740	3,886,338		94,751,158
Total Trust & Agency Funds		159,201,709	22,200,372	16,765,932	5,434,440	-	164,636,149
Total City of Decatur		210,435,329	203,717,151	210,284,974	(6,567,823)	-	203,867,506
Less Interfund Transfers			34,971,792	34,971,792			
Net Balances		210,435,329	168,745,359	175,313,182	(6,567,823)	-	203,867,506

City Clerk

DATE: 11/30/2017

MEMO:

TO: Honorable Mayor Julie Moore Wolfe and City Council Members

FROM: Tim Gleason, City Manager
Billy Tyus, Deputy City Manager
Wendy Morthland, Corporation Counsel

SUBJECT:

Motion to Reconsider Ordinance Rezoning Property R-3 Single-Family Residence District to B-2 Commercial District 1355 North Illinois Route 48.

BACKGROUND: The Decatur City Council originally considered this petition to rezone at the regularly scheduled meeting of November 20, 2017. The issue of whether to reconsider the item is before you because the petitioner was unaware that the item was going to be heard during that meeting. A motion would need to be made, seconded and approved by a majority of the City Council members in order for the item to be reconsidered by the council.

POTENTIAL OBJECTIONS: The property owner's agent spoke at the last city council meeting in opposition to the petition.

STAFF REFERENCE: Any additional questions may be forwarded to Billy Tyus at 217-424-2801 or Suzan Stickle at 424-2786 or at [sstickle@decaturil.gov](mailto:ssstickle@decaturil.gov).

BUDGET/TIME IMPLICATIONS: None

Economic & Community Development

DATE: 12/4/2017

MEMO: No. 17-32

TO: Honorable Mayor Julie Moore Wolfe and City Council

FROM: Tim Gleason, City Manager
Raymond Lai, AICP, Economic and Community Development Director
Suzan Stickle, Senior Planner

SUBJECT:

Rezone 1355 North Illinois Route 48 from R-3 Single-Family Residence District to B-2 Commercial District

SUMMARY RECOMMENDATION:

Staff recommends approval of the rezoning request from R-3 Single-Family Residence District to B-2 Commercial District. This item was forwarded without a recommendation by the Plan Commission. The commission voted 4-1 in favor of the rezoning recommendation, however, five (5) affirmative votes were required for a recommendation to be sent on to the City Council. The minutes of the meeting are attached. An ordinance is attached for your consideration in the event the City Council chooses to approve this rezoning petition.

BACKGROUND:

The elongated subject site, not currently owned or under contract by the petitioners, is approximately 0.27 acres and is located at 1355 North Illinois Route 48. The site is currently improved with a concrete driveway leading to and serving the Colonial Mall. The site was not rezoned at the time the parcels were combined nor when the subdivision of Colonial Mall took place in 2007. There are procedures in place to avoid either of these processes allowing multiple zoning districts on one (1) parcel or one (1) lot from occurring in the future.

The petitioners rezoned property to the north of the subject site to B-2 Commercial District in March of 2014. The petitioners were aware of the R-3 zoned site located immediately south of the property they intended to develop with a restaurant and that they would be required to provide a buffer yard between the two (2) properties.

The petitioner is now petitioning to rezone the subject site to B-2 Commercial District so that a buffer yard along the south property line of their newly constructed restaurant (Krekels

West), adjacent to the subject site, will no longer be required. The rezoning of the subject site from the R-3 District to the B-2 District would allow for all those uses permitted in the B-2 District.

The subject site is surrounded by B-2 Commercial District to the north, south and west and B-1 Neighborhood Shopping District to the east. The Macon County and Decatur Comprehensive Plan shows this area as Retail. The proposed zoning is compatible with the adjacent zoning and land uses.

The subject site being adjacent to North Illinois Route 48, which is a state route and a major thoroughfare in the City, is no longer conducive to residential development. A commercial use such as those permitted in the B-2 Commercial District fronting a state route and adjacent to a commercial mall and a restaurant is an appropriate use for this site as it is currently being utilized as a driveway for commercial uses. If the property is rezoned to B-2 Commercial District, the requirement for the buffer yard along the south property line of the newly constructed Krekels West will no longer be in effect in accordance with the regulations of the Zoning Ordinance.

POTENTIAL OBJECTIONS: The property owner's agent spoke at the Plan Commission public hearing in opposition to the petition.

INPUT FROM OTHER SOURCES:

The petition has been reviewed by the City's Technical Review Committee; Planning, Engineering and Fire.

STAFF REFERENCE: Any additional questions may be forwarded to Billy Tyus at 217-424-2801 or Suzan Stickle at 424-2786 or at [sstickle@decaturil.gov](mailto:ssstickle@decaturil.gov).

BUDGET/TIME IMPLICATIONS: None

ATTACHMENTS:

Description	Type
Ordinance	Ordinance
Supporting Documentation	Backup Material

ORDINANCE NO. _____

**ORDINANCE REZONING PROPERTY
R-3 SINGLE-FAMILY RESIDENCE DISTRICT TO
B-2 COMMERCIAL DISTRICT
- 1355 NORTH ILLINOIS ROUTE 48 -**

WHEREAS, on the 2nd day of November, 2017, upon due notice, the Decatur City Plan Commission held a public hearing upon the petition of Todd Teel and Cindy Teel, to rezone premises legally described as:

Lots C and D of Pritchett Subdivision to the City of Decatur, as per Plat recorded in Book 335, Page 426 of the Records in the Recorder's Office of Macon County, Illinois,

from R-3 Single-Family Residence District to B-2 Commercial District; and,

WHEREAS, the Decatur City Plan Commission did not have a formal recommendation to forward to the City Council due to the lack of five (5) affirmative votes required for such action; and,

WHEREAS, the City Council has given due consideration to such petition without the benefits of a Decatur City Plan Commission recommendation.

NOW, THEREFORE, BE IT ORDAINED, BY THE CITY COUNCIL OF THE CITY OF DECATUR, ILLINOIS:

Section 1. That said described premises be, and they are hereby, rezoned from R-3 Single-Family Residence District to B-2 Commercial District.

Section 2. That the Districts herein mentioned are those districts set forth and defined in Ordinance No. 3512 of the City of Decatur, Illinois, commonly known as the Zoning Ordinance, and all the provisions, regulations, restrictions and requirements therein set forth shall apply to the premises described herein.

Section 3. That the zoning of said premises as set out herein shall be shown and verified on the Zoning District Map as in such Ordinance No. 3512 provided and said District be, and it is hereby, amended and changed as herein set forth.

PRESENTED, PASSED, APPROVED AND RECORDED this 4th day of December, 2017.

JULIE MOORE WOLFE, MAYOR

ATTEST:

CITY CLERK



City of Decatur, Illinois

PETITION FOR REZONING

Petition before the Mayor, City Council and Members of the Plan Commission of Decatur, Illinois

Economic and Urban Development Department

One Gary K. Anderson Plaza

Decatur, Illinois 62523-1196

424-2793

FAX 424-2728

Please Type

SECTION ONE: PETITIONER / OWNER / REPRESENTATIVE INFORMATION

Petitioner	TODD TEEL and CINDY TEEL				
Address	520 North State Highway 121				
City	Mt. Zion	State	Illinois	Zip	62549
Telephone	217-864-6398	Fax		E-mail	toddteel11@gmail.com
Property Owner	GHOTRA BROTHERS, INC				
Address	11 View Circ.				
City	Oreana	State	Illinois	Zip	62554
Telephone	217-428-0632	Fax		E-mail	
Representative	Andrew Wessler of Frank H. Byers, II, Ltd.				
Address	160 W. Main St.				
City	Decatur	State	Illinois	Zip	62523
Telephone	217-875-3301	Fax	217-875-3524	E-mail	awessler@fhblaw.com

SECTION TWO: SITE INFORMATION

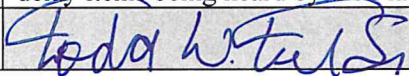
Street Address	1355 N. Route 48, Decatur, Illinois 62526					
Legal Description	The 43.77' x 256.57' lot at the Northeast section of Lot One (1) of Colonial Place Addition to the City of Decatur. A complete legal description will be provided upon receipt. Please see the attached maps depicting the property.					
Present Zoning	☐ R-1	☐ R-2	☒ R-3	☐ R-5	☐ R-6	Is this property a Planned Unit Development? ☐ YES Approval Date: _____ ☒ NO
	☐ B-1	☐ B-2	☐ B-3	☐ B-4	☐ O-1	
	☐ M-1	☐ M-2	☐ M-3	☐ PMR-1		
Please list all improvements on the site:						
Size of Tract	☐ SF ☐ AC					

SECTION THREE: REQUESTED ACTION

Rezone Property To:	☐ R-1	☐ R-2	☐ R-3	☐ R-5	☐ R-6	Will this property be a Planned Unit Development? ☐ YES ☒ NO
	☐ B-1	☒ B-2	☐ B-3	☐ B-4	☐ O-1	
	☐ M-1	☐ M-2	☐ M-3	☐ PMR-1		
Other:						

Section Three Continued	
Purpose	Please state the purpose of the proposed rezoning.
The subject property is surrounded on all sides by commercial zoning (B2 to the North, West and South; B1 to the East). Subject property is paved concrete and used as an entrance and parking lot for Colonial Mall. There is no current or anticipated residential use (R3) of the subject property.	

SECTION FOUR: JUSTIFICATION
The petitioner submits to the City Plan Commission and City Council the following facts (additional pages may be attached):
1. The owners of the subject property currently use the property as a commercial entrance and parking lot; 2. The subject property is not being used, or anticipated to be used, as R3 residential property; 3. The subject property, and surrounding properties, are of greater economic value if zoned for a single and consistent purpose; 4. The Petitioners own the B2 property to the North, which operates as Krekels West. The current R3 zoning designation will cause the Petitioners to suffer an economic hardship since a "buffer yard" is required between R3 and B2 zones. The cost to construct and landscape such a "buffer yard" at this location is estimated to exceed \$8,500.00; and 5. There is no reasonable basis or reason for the subject property to remain zoned as R3.

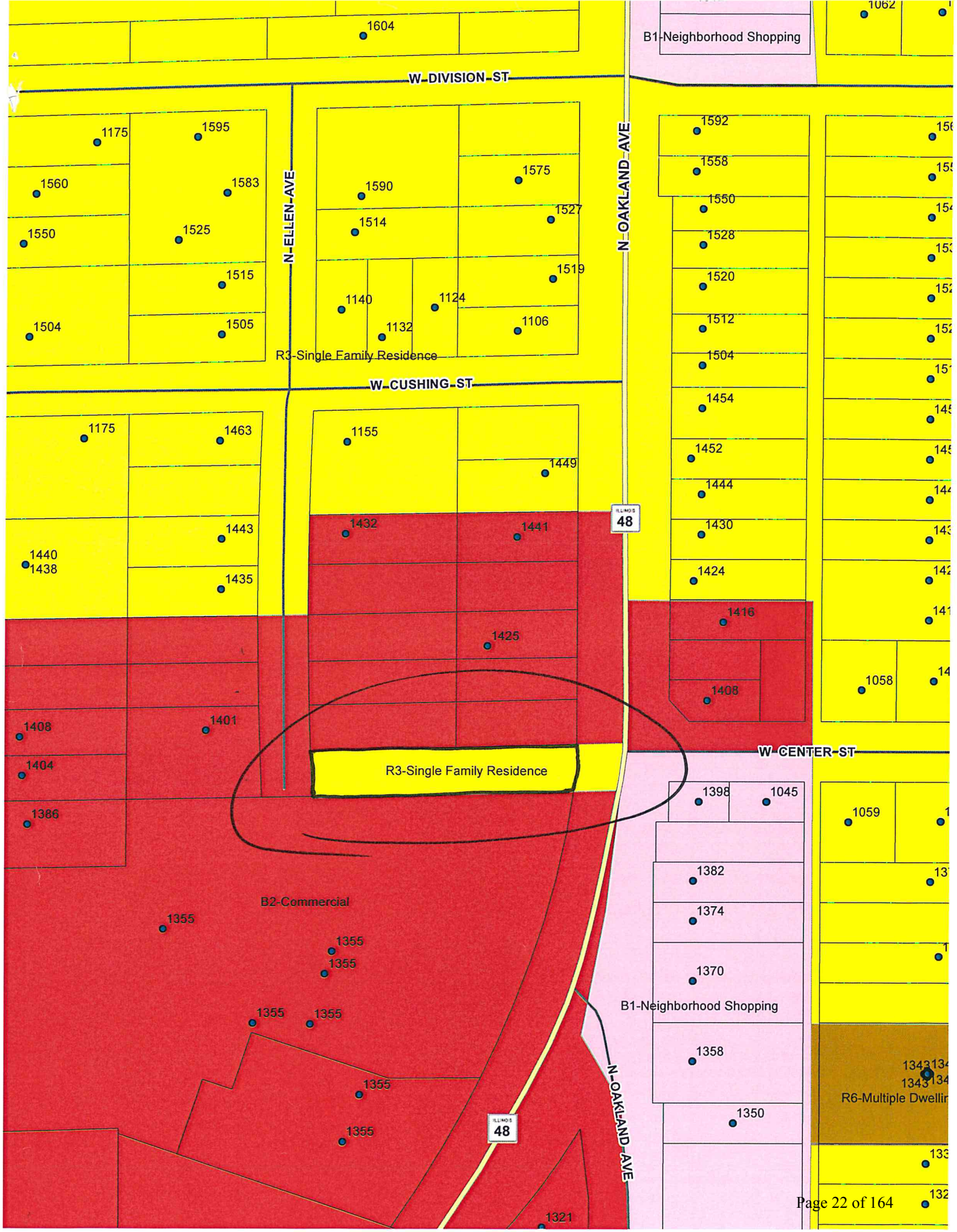
SECTION FIVE: CERTIFICATION			
		To be placed on the agenda of the regular meeting on the first Thursday of the month at 3:00 PM in the City Council Chambers, petition must be received on the first Thursday of the preceding month. Failure of the petitioner or the petitioner's representative to attend the Plan Commission hearing may result in items being tabled. Incomplete or erroneous petitions may delay items being heard by the Plan Commission.	
Petitioner's Signature		Date	10-5-17

NOTES:	
1. Please forward this completed form and attachments to the Economic and Urban Development Department, Third Floor, Decatur Civic Center. Please make checks payable to the City of Decatur. See Schedule "A" for fees. 2. Signature of this petition grants permission to City staff to place a sign, indicating a request for zoning action, on the subject property at least 10 days prior to the Decatur City Plan Commission hearing. Said sign will be removed within 15 days of final action by City Council. 3. In the event a petition for rezoning is denied by the Council, another petition for a change to the same district shall not be filed within a period of one year from the date of denial, except upon the initiation of the City Council or the City Plan Commission after showing a change of circumstances which would warrant a renewal. 4. All petitions before the Decatur City Plan Commission are reviewed through the Development Technical Review (DTR) Process. Please consult the DTR Brochure for information related to this process.	

OFFICE USE ONLY	
Date Filed	
By	

Legal Description-Teel Rezoning-1355 N IL Route 48

Lots C and D of Pritchett Subdivision to the City of Decatur, as per Plat recorded in Book 335, Page 426 of the Records in the Recorder's Office of Macon County, Illinois. Situated in Macon County, Illinois.

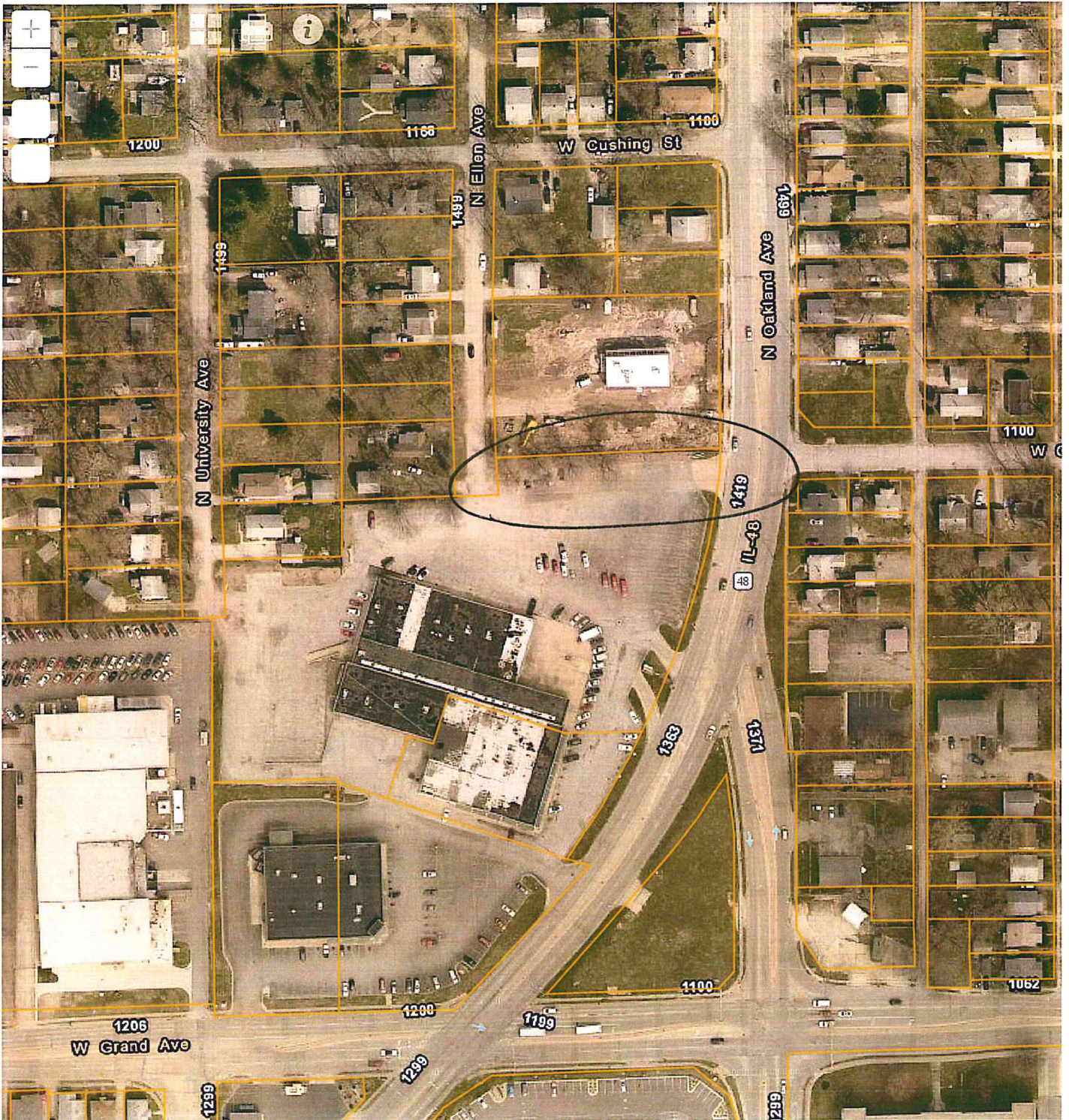




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Search PIN, Name, or Addr

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200ft

STAFF REPORT
Decatur City Plan Commission

GENERAL INFORMATION

Hearing Date November 2, 2017
Calendar No. 17-46
Property Location 1355 North Illinois Route 48
Requested Action Rezoning from R-3 Single Family Residence District to B-2 Commercial District
Petitioner Todd Teel and Cindy Teel
Representative Andrew Wessler, Attorney

BACKGROUND

The subject site is approximately 0.27 acres and is located at 1355 North Illinois Route 48. The site is currently improved with a concrete driveway leading to and serving the Colonial Mall. The site was not rezoned at the time the parcels were combined nor when the subdivision of Colonial Mall took place in 2007. There are procedures in place to avoid either of these processes allowing multiple zoning districts on one (1) parcel or one (1) lot from occurring in the future.

The petitioners rezoned property to the north of the subject site to B-2 Commercial District in March of 2014. The petitioners were aware of the R-3 Single Family Residence District located immediately south of the property they intended to develop with a restaurant and that they would be required to provide a buffer yard between the two (2) properties.

Surrounding Land Use and Zoning

<i>Direction</i>	<i>Existing Land Use</i>	<i>Zoning</i>	<i>Comprehensive Plan</i>
Subject Property	Commercial	R-3	Retail
North	Commercial	B-2	Retail
South	Commercial	B-2	Retail
East	Office	B-1	Retail
West	Single Family Residential	B-2	Residential-Low Density

PROJECT DESCRIPTION

The petitioner is now petitioning to rezone the subject site to B-2 Commercial District so that a buffer yard along the south property line of their newly constructed restaurant (Krekels West), adjacent to the subject site, will no longer be required. The rezoning of the subject site from R-3 Single Family Residence District to B-2 Commercial District would allow for all those uses permitted in the B-2 Commercial District.

STAFF ANALYSIS

The subject site is surrounded by B-2 Commercial District to the north, south and west and B-1 Neighborhood Shopping District to the east. The Macon County and Decatur Comprehensive Plan shows this area as Retail. The proposed zoning is compatible with the adjacent zoning and land uses.

The potential redevelopment of the subject site to the original use as residential is very low. The subject site being adjacent to North Illinois Route 48, which is a state route and a major thoroughfare in the City, is no longer conducive to residential development. A commercial use such as those permitted in the B-2 Commercial District fronting a state route and adjacent to a commercial mall and a restaurant is an appropriate use for this site as it is currently being utilized as a driveway for commercial uses.

If the property is rezoned to B-2 Commercial District, the requirement for the buffer yard along the south property line of the newly constructed Krekels West will no longer be in effect in accordance with the regulations of the Zoning Ordinance.

STAFF RECOMMENDATION

Staff recommends approval of the rezoning.

PLAN COMMISSION ACTION

Section XXIX. of the City of Decatur Zoning Ordinance requires the Plan Commission to hold a public hearing on a rezoning request, and then forward its report and recommendation to the City Council for final approval. A motion to forward Calendar Number 17-46 to the City Council with a recommendation for approval is suggested.

The above report constitutes the testimony and recommendation of the Planning and Sustainability Division, Economic and Community Development Department, City of Decatur.

Suzan M. Stickle
Senior Planner

ATTACHMENTS

1. Petition
2. Site Map

Decatur City Plan Commission

1355 North Illinois Route 48



Cal. No.: 17-46
Date: November 2, 2017
Petition of: Todd Teel and Cindy Teel
Requested Action: Rezone to B-2 Commercial District

0 250 500 Feet



Legend

- Decatur Roads
-  subject site
-  Decatur Parcel data
-  Decatur Zoning

Excerpts from Plan Commission Meeting of November 2, 2017:

New Business

Cal. No. 17-46

Petition of TODD TEEL and CINDY TEEL, to
rezone from R-3 Single Family Residence District
to B-2 Commercial District located at 1355
NORTH ILLINOIS ROUTE 48.

Ms. Suzy Stickle was sworn in by Mrs. Janet Poland.

Ms. Stickle presented the recommendation of staff:

The subject site is approximately 0.27 acres and is located at 1355 North Illinois Route 48. The site is currently improved with a concrete driveway leading to and serving the Colonial Mall. The site was not rezoned at the time the parcels were combined nor when the subdivision of Colonial Mall took place in 2007. There are procedures in place to avoid either of these processes allowing multiple zoning districts on one (1) parcel or one (1) lot from occurring in the future.

The petitioners rezoned property to the north of the subject site to B-2 Commercial District in March of 2014. The petitioners were aware of the R-3 Single Family Residence District located immediately south of the property they intended to develop with a restaurant and that they would be required to provide a buffer yard between the two (2) properties.

The petitioner is now petitioning to rezone the subject site to B-2 Commercial District so that a buffer yard along the south property line of their newly constructed restaurant (Krekels West), adjacent to the subject site, will no longer be required. The rezoning of the subject site from R-3 Single Family Residence District to B-2 Commercial District would allow for all those uses permitted in the B-2 Commercial District.

The subject site is surrounded by B-2 Commercial District to the north, south and west and B-1 Neighborhood Shopping District to the east. The Macon County and Decatur Comprehensive Plan shows this area as Retail. The proposed zoning is compatible with the adjacent zoning and land uses.

The potential redevelopment of the subject site to the original use as residential is very low. The subject site being adjacent to North Illinois Route 48, which is a state route and a major thoroughfare in the City, is no longer conducive to residential development. A commercial use such as those permitted in the B-2 Commercial District fronting a state route and adjacent to a commercial mall and a restaurant is an appropriate use for this site as it is currently being utilized as a driveway for commercial uses.

If the property is rezoned to B-2 Commercial District, the requirement for the buffer yard along the south property line of the newly constructed Krekels West will no longer be in effect in accordance with the regulations of the Zoning Ordinance.

Staff recommends approval of the rezoning.

Section XXIX. of the City of Decatur Zoning Ordinance requires the Plan Commission to hold a public hearing on a rezoning request, and then forward its report and recommendation to the City

Council for final approval. A motion to forward Calendar Number 17-46 to the City Council with a recommendation for approval is suggested.

Mr. Andrew Wessler, representative, was sworn in by Mrs. Poland.

Mr. Wessler stated the petitioner is attempting to rezone this small piece of land in the Colonial Mall parking lot. Mr. Wessler handed out a location map.

Mr. Wessler stated he has circled the area for the proposed rezoning on the color-coded map he handed out. The area in red is zoned B-2 Commercial District and the area in yellow is R-3 Single Family Residence District. It is currently a parking lot and there are no houses around it. It is used as the entrance to Colonial Mall off of Illinois Route 48. Mr. Wessler said this property is currently being assessed and taxed at the Commercial tax rate, which is 10.22135. The tax rate for the R-3 Single Family Residence District is 10.566. The property is surrounded on all sides by commercial property and is clearly not residential. The petitioners are requesting this property be rezoned to B-2 Commercial District, which is compatible with the adjacent zoning, so that a buffer yard is not required for their development on the south side.

Mr. Lakhwinder Singh, property owner's agent, was sworn in by Mrs. Poland.

Mr. Singh said he does plan to do something with the property. He feels he needs more time or a lawyer. He stated there used to be a house where Krekel's is located. He was not prepared for this and did not have any idea what would go on today.

Mr. John Robinson stated there is nothing in the Zoning Ordinance stating a petition for rezoning has to come from the property owner. The current use of the property is non-conforming. It is potentially a problem as a parking lot/drive space is not a permitted use in the R-3 Single Family Residence District.

Discussion was held on buffer yard requirements, property ownership, allowing the property owner more time to review the petition and the urgency of the item.

It was moved and seconded (Jeffery/Peoples) to table Calendar No. 17-46. Motion failed 0-5.

It was moved and seconded (Jeffery/Clevenger) to forward Calendar No. 17-46 to the City Council with a recommendation for approval as presented by staff. Motion failed 4-1.

City Manager

DATE: 11/27/2017

MEMO:

TO: Honorable Mayor Julie Moore Wolfe and Members of the Decatur City Council

FROM: Tim Gleason, City Manager
Billy Tyus, Deputy City Manager

SUBJECT: Resolution Authorizing Amendment to the Agreement with MDA Properties to Redevelop the 100 Block of West Main St., the 100 Block of West Wood St., the 100 Block of South Church St. and the 200 Block of South Church St.

SUMMARY RECOMMENDATION:

Staff recommends approval of the attached resolution authorizing an amendment to the agreement dated April 17, 2017 with MDA Properties LLC to extend the deadline for the redevelopment of properties in the Downtown Central Business District.

BACKGROUND:

The City entered into the subject agreement in April 2017 and since that time MDA Properties has already made significant investment in the property covered by the agreement. The agreement called for MDA to provide five residential units on site, to complete environmental testing and remediation and complete demolition of the east center section of the premises at 142 W. Wood St., to make repairs to a retaining wall on public property and to complete sidewalk repairs and add parking along S. Church Street.

Demolition is complete and testing is scheduled for the east center section. Engineers have also been engaged to determine a final grade plan for the demolition area.

In the 200 S. Church Street block the wall in the public domain has been replaced and a new sidewalk installed from Wood to Washington Street. Property improvements were also done in conjunction with the public work.

In the 100 S. Church Street block, the sidewalk repairs and on-street parking realignment are complete except for at the corner of W. Main and S. Church. The main work remaining to be done in that area is the installation of pavers to extend the streetscape look into the large curb area that was created. The pavers are being ordered and will be installed upon delivery. MDA has also completed the renovation of street level spaces and opened a new Debbie's Dance Studio on site. A new steakhouse, R Bar and Grille, will open December 1st.

In submitting plans and obtaining permits for the five residential units, the developer realized that adding a sixth residential unit would be better for the project and would add additional much-needed downtown housing. In addition to our agreement, the developer has submitted plans and received permits to revitalize street level commercial spaces along West Wood with 2 additional residential units on the building's second story.

MDA is requesting an extension of the completion date from December 31, 2017 to August 31, 2018 to accommodate the additional work.

As per terms of the agreement, MDA agreed to complete work valued at more than \$2 million to redevelop properties in the blocks listed above and to expend an additional estimated \$302,000 for public infrastructure improvements. The work is being done without additional incentive and in exchange for the release of a lien on property located at 101 S. Main St. placed with a previous property owner. On April 7, 1998 the city entered into an agreement with the now-defunct Real Estate Investors of Decatur, the previous owner of the property located at 101 S. Main St., to provide Section 108 funding not to exceed \$1.4 million to redevelop the site. The Section 108 program is designed to spur private economic activity among other goals and as part of the agreement the city placed a lien on the property to ensure development. MDA Properties - the current owners - have since carried out development on site since the company took ownership in 2003, making substantial investment and increasing the value of the property

PRIOR COUNCIL ACTION: Council approved the original agreement in April 2017

POTENTIAL OBJECTIONS: None

STAFF REFERENCE: Tim Gleason, City Manager at tgleason@decaturil.gov or 217-424-2801, Billy Tyus at 217,424-2727 or btyus@decaturil.gov.

BUDGET/TIME IMPLICATIONS:

Further investment estimated to increase taxable value of downtown properties and will provide additional downtown commercial and residential development.

ATTACHMENTS:

Description	Type
resolution	Cover Memo
agreement	Cover Memo
signed amendment	Cover Memo

RESOLUTION NO.

**RESOLUTION AUTHORIZING AMENDMENT TO AGREEMENT BETWEEN THE
CITY OF DECATUR AND MDA PROPERTIES LLC**

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DECATUR,
ILLINOIS:

Section 1. That the Agreement between the City of Decatur and MDA Properties, LLC, dated April 17, 2017 regarding the redevelopment of property more fully described on Exhibit A of said Agreement, previously approved by Resolution R2017-59 be, and it is hereby, amended.

Section 2. That the Mayor and City Clerk, be, and they are hereby, authorized and directed to sign, seal and attest said Amendment to the Agreement as presented on behalf of the City of Decatur, Illinois.

PRESENTED and ADOPTED this 4th day of December, 2017

JULIE MOORE WOLFE, MAYOR

ATTEST:

Debra G. Bright, City Clerk

1918037

RESOLUTION NO. R2017-59

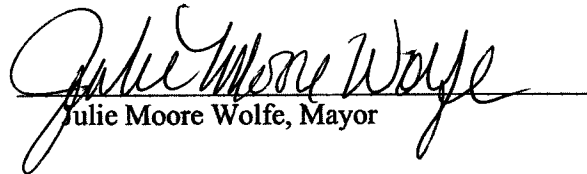
**RESOLUTION AUTHORIZING REDEVELOPMENT AGREEMENT
MDA PROPERTIES, LLC**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DECATUR,
ILLINOIS:**

Section 1. That the attached Agreement, presented to the Council herewith between the City of Decatur and MDA Properties, LLC for the redevelopment of properties in the 100 Block of West Main St., the 100 Block of West Wood St. and the 100 Block of South Church St. and the 200 Block of South Church St. be, and the same is hereby, received, placed on file and approved.

Section 2. That the Mayor and City Clerk be, and they are hereby, authorized and directed to sign, seal and attest said Redevelopment Agreement on behalf of the City.

PRESENTED and ADOPTED this 17th day of April, 2017.

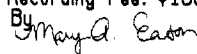

Julie Moore Wolfe, Mayor

ATTEST:


Debra G. Bright, City Clerk



Macon Co., Illinois
S.S. by Mary A. Eaton, Recorder
Book: 4558 Page: 485

Receipt #: 83602 Recording Fee: \$160.00
Pages Recorded: 114 Authorized By: 

Date Recorded: 4/28/2017 2:05:37 PM

AGREEMENT

THIS DEVELOPMENT AGREEMENT BETWEEN THE CITY OF DECATUR, ILLINOIS, a home rule Municipal Corporation, (hereinafter referred to as the "City") and **MDA PROPERTIES, LLC**, an Illinois Limited Liability Corporation, (herein referred to as the "Developer") is entered into as of the 17th day of April, 2017.

RECITALS

WHEREAS, the City is a home rule unit of government, pursuant to Section 6 of Article VII of the Constitution of the State of Illinois, with all of the powers and functions pertaining to its government and affairs as set out therein and as such has the authority to promote health, safety and welfare, including to promote the development of its Central Business District, promote employment of its citizens, prevent the spread of blight and deterioration and inadequate facilities by promoting the development of and private investment in industry, business and housing and enhancing the marketability of premises and is authorized and empowered to enter into economic incentive agreements pertaining to its government and affairs, including the economic development of the City and the expansion of its tax base thereby reducing unemployment; and

WHEREAS, the Developer currently owns certain property located in the Central Business District of the City located at 101 S. Main St. more fully described on Exhibit A attached hereto and by reference made a part hereof ("Premises"); and

WHEREAS, prior to the Developer assuming ownership of the Premises in 2003, the City entered into an agreement dated April 7, 1998 with the previous owner, Real Estate Investors of Decatur, LLC, to provide Section 108 Loan Guarantee funding not to exceed \$1,400,000 through its Community Development Block Grant program for rehabilitation of the Premises. The Section 108 Loan Guarantee program is designed to spur private economic activity, providing states and communities with a source of financing for economic development, housing rehabilitation, public facilities and large scale physical development projects; and

WHEREAS, the aforementioned loan was secured by the City through a mortgage instrument dated April 7, 1998 and recorded June 5, 1998 in Book 2803 at Page 657, as Document No. 1486319 Between Central Illinois Bank, as Trustee, under Trust Agreement dated June 27, 1997 known as Trust No. 90-5081 and the City of Decatur, an Illinois Municipal Corporation, with the affiliated mortgage lien remaining attached to the property; AND

WHEREAS, Real Estate Investors of Decatur is now defunct, having made payments totaling \$754,639.54 to the City with a last payment made on 3/1/2006 and the LLC having been involuntarily dissolved as of September 28, 2006; and

WHEREAS, since taking ownership, the Developer has redeveloped the Premises and significantly contributed to the economic development of the City, with the property tax value having increased from \$111,478.84 in 2002, the year prior to the developer taking ownership, to an assessed value of \$781,724.42 in tax year 2015 payable in 2016 according to the office of the Macon County Supervisor of Assessments resulting in an increase in the amount of property taxes paid to the community from \$7,138.26 in 2002 to \$89,091.10 in tax year 2015 payable in 2016 and reducing unemployment and creating or retaining job opportunities within the City; AND,

WHEREAS, in exchange for a release of the mortgage on the premises, the Developer agrees to expend an additional \$302,000 to fund public infrastructure upgrades and more than \$2 million in the redevelopment, rehabilitation and removal of significant environmental concerns for properties along South Church Street, West Main Street and West Wood St., a project more fully described in Exhibit B attached hereto and made a part hereof ("The Project") and for which the Developer has already expended more than \$560,000 for improvements, effectively extending the downtown boundary west from the 100 block of South Main Street to the 100 Block of South Church Street; AND,

WHEREAS, the Developer agrees to redevelop and to eradicate environmental concerns where necessary on an adjacent identified brownfield site where a Phase II environmental study identified recognized soil and groundwater environmental concerns (REC's) that exceeded recognized standards due in part to the historical use of transformers and industrial cleaning operations that occurred on site. The study, attached as Exhibit C, indicates that identified hazardous chemicals have the potential to negatively impact underlying soil and groundwater through the release of volatile organic compounds (VOC's); AND

WHEREAS, the City is willing to enter into an agreement with the Developer to assure that said development and improvements occur and without this Agreement the Developer would not undertake these improvements and said improvements would not be possible.

NOW THEREFORE, in consideration of the promises and mutual covenants and obligations of the parties contained herein, and other good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the parties hereto, intending to be legally bound, hereby covenant and agree as follows:

1. No later than December 31, 2017 the Developer shall construct, at its own expense, new public sidewalks and angled parking in the 100 Block of South Church Street between Main and Wood Streets and shall repave the alley in the middle of the block as per plans approved by the City as shown in Exhibit B.III.A attached hereto and incorporated herein. The estimated cost for this work is \$177,000.
2. No later than December 31, 2017 the Developer shall repair the retaining wall located in the public right of way to the west of the property located at 151 W. Wood St. at an estimated cost of \$125,000.
3. No later than December 31, 2017 the Developer shall demolish the east center section of the premises located at 142 W. Wood Street.
4. No later than December 31, 2017, the Developer shall substantially complete re-development of the second floors of the buildings located at 155 W. Main and 150 W. Wood St, to include residential space consisting of a minimum of 5 residential units.
5. No later than December 31, 2017, the Developer shall ether complete remediation of identified environmental concerns identified in the Phase II environmental study performed by Fehr

Graham & Associates dated September 30, 2015 hereby attached as Exhibit C, or address said concerns through a City approved Tiered Approach to Corrective Objectives (TACO) Agreement.

6. All work described in this agreement shall meet or exceed applicable State and Local Building Codes and Standards.

7. At such time as the Developer shall have substantially completed the requirements of Sections 1, 2, 3, and 4, the City shall fully release the mortgage lien attached to the premises. Substantial completion of Sections 1, 2, and 3 shall be defined as completion and final approval of and, in the case of Section 1, dedication to the City of Decatur. Final approval shall be at the sole discretion of the City of Decatur's Director of Public Works or his or her designee, and shall not be unreasonably withheld. Substantial completion or substantially complete as related to the requirements of Section 4 shall be defined as: completed construction of the shell and core of a minimum of five residential units on the second stories of the premises at 150 W. Wood St and/or 155 W. Main St.; including finished interiors of common areas; and issuance of certificates of occupancy for the common areas and each of the residential units, except minor and ancillary alterations.

8. If any section, term or provision of this Agreement or the application thereof shall be found or held to be invalid or unenforceable, the remainder of such section, term or provision of the Agreement other than those to which it is held invalid or unenforceable shall not be affected thereby.

9. All notices, demands, requests, consents, approvals or other instruments required or permitted by this Agreement shall be in writing and shall be executed by the party or an officer, agent or attorney of the party, and shall be deemed to have been effective as of the date of actual delivery, if delivered personally, or as of the third (3rd) day from and including the date of posting, if mailed by registered or certified mail, return receipt requested, with postage prepaid, addressed as follows (or to such other address as is provided by notice):

DEVELOPER:

Mr. Tim Raycraft
101 S. Main St, Suite 800
Decatur, IL 62523

CITY:

City Manager
#1 Gary K. Anderson Plaza
Decatur, IL 62523

With a copy to:

Corporation Counsel
#1 Gary K. Anderson Plaza
Decatur, IL 62523

10. Neither anything in this Agreement nor any acts of the Municipality and/or Main Place Properties under this Agreement shall be construed by the parties or any third person to create an employment relationship or the relationship of a partnership, agency, or joint venture between them. No covenant or agreement contained in this Agreement shall be deemed to be the covenant or agreement of any official, officer, agent, employee or attorney of the Municipality, in his or her individual capacity, and neither the members of the Corporate Authorities nor any other official or employee of the Municipality shall be liable personally under this Agreement or be subject to any

personal liability or accountability by reason of or in connection with or arising out of the execution, delivery and performance of this Agreement or any failure in that connection.

11. This Agreement shall be governed by and construed in accordance with the laws of the State of Illinois.

12. This Agreement may be executed in one or more counterparts, each of which shall be considered an original instrument, but all of which shall be considered one and the same Agreement, and shall become binding when one or more counterparts have been signed by each of the parties hereto and delivered to each of the parties hereto.

13. Each of the above parties represents and warrants that it has the right and legal authority to execute this Agreement. Each of the above said parties further acknowledges and represents to one another that the representatives who execute this Agreement have the authority under the law to execute this Agreement and to bind their respective principals to the obligations under this Agreement and further, that any legal requirements conferring authority upon the representatives who execute this Agreement have been met by each of the respective parties as required by law.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement and caused their respective seals to be affixed and attested thereto as of the date first above written.

CITY OF DECATUR, ILLINOIS,
an Illinois Municipal Corporation

By: *Julie Moore Wolfe*
Julie Moore Wolfe, Mayor - City of Decatur

ATTEST:

Debra Bright
Debra Bright, City Clerk

MAIN PLACE PROPERTIES
an Illinois Limited Liability Company

By: *[Signature]*
Its MANAGER

ATTEST:

[Signature]
Its Associate, Brechnitz Group

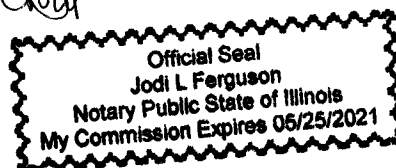


EXHIBIT A

Street Address: 101 S. Main St., Decatur, IL
 Legal Description:

PARCEL I:

Lot Four (4), Three (3), the North 1/2 of Lot Two (2), and the North 1 1/2 feet of the South 1/2 of Lot 2, all in Block Four (4) of the Original Town of Decatur, as per Plat recorded in Book A, Page 1 of the Records in the Recorder's Office of Macon County, Illinois. Situated in Macon County, Illinois.

AND

Beginning at the Southeast corner of Lot Four (4) of Block Four (4) of the Original Town of Decatur as recorded in Book A, Page of the Records in the Recorder's Office of Macon County, Illinois, thence Easterly along the North line of Lot Three (3) distance of 20.5 feet; thence northerly along a straight line parallel to the East line of lot 4 a distance of 21.54 feet; thence Westerly along a straight line parallel to the North line of Lot 3, a distance of 11.17 feet; thence northerly along a straight line parallel to the East line of Lot 4, a distance of 58.26 feet, thence Westerly along a straight line a distance of 9.33 feet to the Northeast corner of said Lot 4, thence Southerly along the East line of Lot 4 a distance of 79.8 feet, more or less to the point of beginning. Situated in Macon County, Illinois.

PARCEL II:

Lots One (1), Two (2), Three (3) and Four (4) in Kanan and Other Subdivision of Lots 1 and 2 in Block 6 of the Original Town of Decatur, and of Lot 16 in Block 5 of William Bandy's Addition to Decatur, as per Plat recorded in Book 149, Page 23 of the Records in the Recorder's Office of Macon County; and Lot 15 except West 7 feet thereof in Block 5 of William Bandy's Addition to Decatur, as per Plat recorded in Book G, Page 30 of the Records in the Recorder's Office of Macon County, Illinois. Situated in Macon County, Illinois.

and commonly known as:

PARCEL I: 101 South Main Street
Decatur, Illinois

PARCEL II: Northwest Corner of West Main Street
and Church Street
Decatur, Illinois

EXHIBIT B PROJECT

- I. **GENERAL NARRATIVE DESCRIPTION OF PROJECT** – Developer will purchase the properties located at 155 S. Main St. and 150 W. Wood St., demo the east center section of the building at 150 W. Wood St. and construct at its expense new commercial or office space, a total of five (5) new second floor apartments, or a combination of commercial, office and residential space. Developer will also continue with asbestos removal on site and complete any hazardous materials mitigation deemed necessary in the Phase II report included as Exhibit C or address said concerns through a City approved Tiered Approach to Corrective Objectives (TACO) Agreement. Project shall also include the redesign of public sidewalks and parking in the 100 block of South Church St. between Wood and Main streets as per plans included in section III.b of this agreement and repair of retaining wall deficiencies located in the public right of way west of the property located at 151 W. Wood St.

II. PROJECT COSTS

Property Acquisition	\$312,500
Demo Estimate	\$85,000
Church Street/sidewalk	\$140,000
Environmental	\$41,000
Construction – 5 second Floor Apartments	\$625,000
Temporary and Permanent Parking	\$200,000
Church St. Sidewalk and Parking Improvements	\$140,000
Retaining Wall Repairs	\$125,000
Alley Repairs	\$37,000
Total	\$1,705,500

Previous Expenditures (West Main St. Build outs, West Main St. facades, 132 S. Church St. Build outs)	\$560,000
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Total Project Cost	\$2,265,500
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III. Project Plans (cont.)

a. Church St. Sidewalk rehabilitation and parking realignment

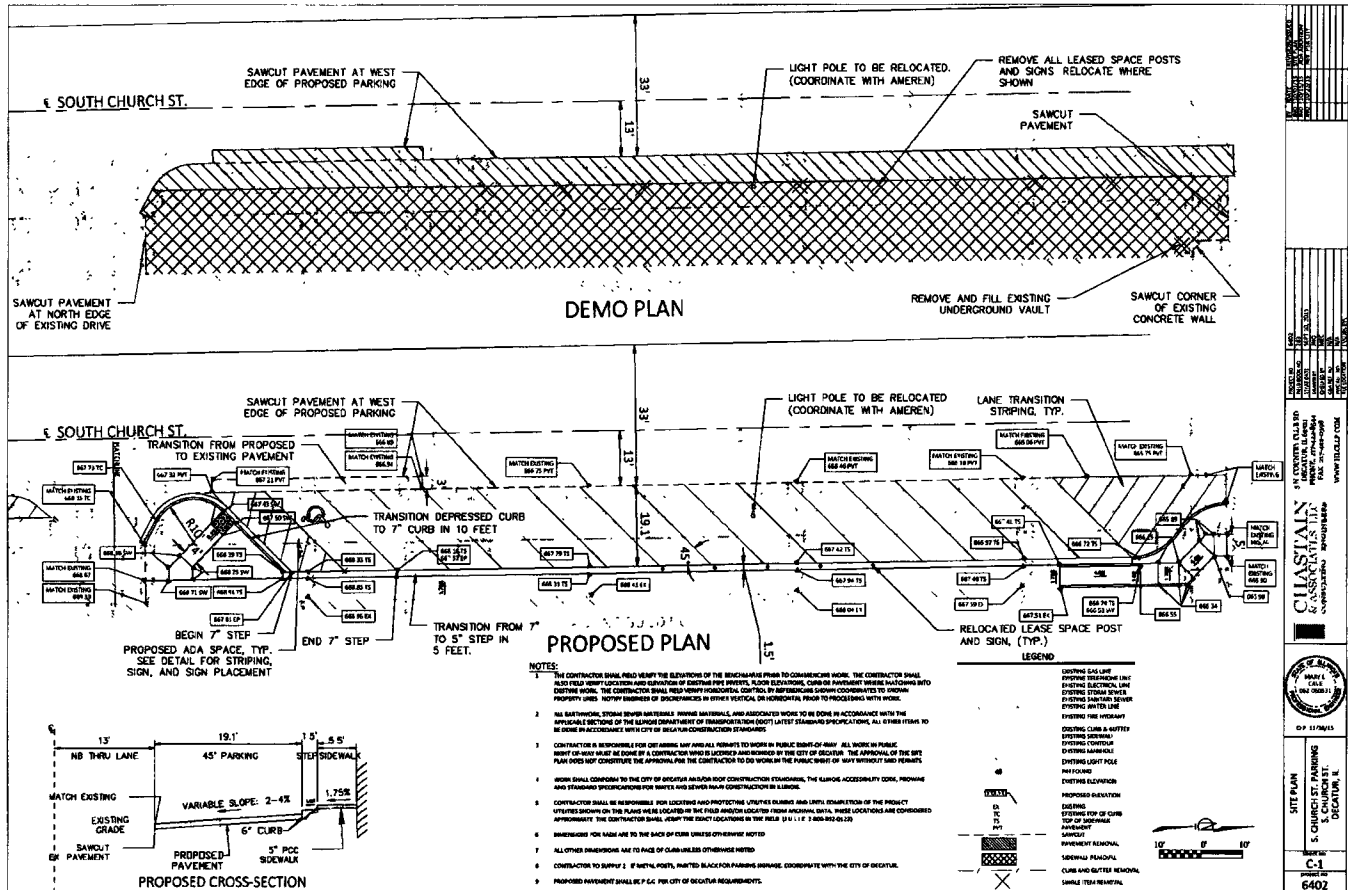


EXHIBIT C

PHASE II ENVIRONMENTAL STUDY

FEHR GRAHAM

ENGINEERING & ENVIRONMENTAL

September 30, 2015

Mr. Billy Tyus
Assistant City Manager
City of Decatur
#1 Gary K Anderson Plaza
Decatur, Illinois 62523

Subject: Focused Phase II Environmental Site Assessment
Tick Properties
151 West Main Street/142 West Wood Street
Decatur, IL 62526
C.A. Number BF-00E00879-1

Dear Mr. Tyus:

On behalf of the City of Decatur, Fehr Graham & Associates, LLC (Fehr Graham) has completed a *Focused Phase II Environmental Site Assessment* (ESA) of the Property referenced above. The Property is located on the northwest corner of West Main Street to the southwest corner of West Wood Street and is identified on the Site Vicinity Map provided as Attachment 1.

BACKGROUND/OBJECTIVES

Prior to the Focused Phase II ESA, Fehr Graham completed a *Phase I Environmental Site Assessment* on the Property in accordance with ASTM E1527-13, dated July 28, 2014. The Phase I ESA was initiated by the City of Decatur using their United States Environmental Protection Agency (USEPA) Brownfields Hazardous Substance Assessment Grant funds. The Phase I ESA identified the following Recognized Environmental Conditions (RECs) and Controlled Recognized Environmental Condition (CREC) in connection with the Property and adjacent properties that warranted further investigation:

Property

- There is potential for release of polychlorinated biphenyls (PCBs) from historical use of transformers on the Property that could negatively impact underlying soil and groundwater.
- The findings of the Mostardi Platt report indicate that a release of gasoline and chlorinated solvents from either the Property or adjacent properties has occurred that is negatively impacting underlying soil and groundwater.
- There is the potential for release of chlorinated solvents from the historical industrial cleaning operations that occurred at the Property that could negatively impact underlying soil and groundwater.
- There is the potential for release of petroleum products from the historical use of underground storage tanks (USTs) on the Property that could negatively impact underlying soil and groundwater.

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 Mr. Billy Tyus
 Focused Phase II ESA - 151 West Main Street/152 West Wood Street
 Page 2

- There is a potential for release from any chemical storage in the courtyard where the 55-gallon drum was found on the Property that could negatively impact underlying soil and groundwater.

Adjacent Property

- There is potential for release of petroleum products from the historical UST used at 160 West Main Street that could negatively impact underlying soil and groundwater at the Property.
- There is potential for release of petroleum products from the historical UST used at 105-123 East Wood Street that could negatively impact underlying soil and groundwater at the Property.
- There is potential for release of petroleum products from the historical UST used at 201-235 East Wood Street that could negatively impact underlying soil and groundwater at the Property.

CREC

- There is potential for migration from the historical release of contamination located 266 West Main Street to the Property that could negatively impact underlying soil and groundwater.

The ASTM E1527-13 Phase I ESA Standard defines a REC as *"the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment."*

The objective of this Phase II ESA was to determine if soil and/or groundwater on the Property had been negatively impacted by the aforementioned RECs by comparing detected parameters to the established 35 Illinois Administrative Code (IAC) Part 742, *Tiered Approach to Corrective Action Objectives* (TACO) Tier 1 soil remediation objectives (SROs) for industrial/commercial land use (current/future proposed Property land use); the most stringent groundwater remediation objectives (GROs) for Class I Groundwater; and the Tier 1 GROs for the Indoor Inhalation Exposure Route - Diffusion and Advection (Tables I and H) .

FIELD ACTIVITIES

On September 16-18, 2015, Ms. Erica Toledo of Fehr Graham mobilized to the Property to oversee and conduct site investigation activities with two (2) field staff members from Earth Solutions, Inc. (Earth Solutions), the drilling contractor procured by Fehr Graham. Prior to drilling activities, Earth Solutions initiated a Joint Utility Locating Information for Excavators (JULIE) request to identify any public underground utilities in the vicinity of the investigation areas. Site conditions September 16-18 consisted of partially clear skies with moderate humidity and an average temperature of approximately 70-80 degrees Fahrenheit. Under the direction of Fehr Graham staff, Earth Solutions conducted a total of nine (9) soil borings (SB1 through SB9) for soil sampling purposes and installed three (3) temporary groundwater monitoring well (TW1-TW3) for groundwater sampling at pre-selected locations on the

September 30, 2015
Mr. Billy Tyus
Focused Phase II ESA - 151 West Main Street/152 West Wood Street
Page 3

Property where contaminants of concern would most likely be encountered, if present. A Site Plan depicting the locations of the soil borings and temporary groundwater monitoring well, is included as Attachment 2.

All field and sampling activities were performed in accordance with the City of Decatur's USEPA-approved Quality Assurance Project Plan (QAPP) and the submitted Sampling and Analysis Plan (SAP).

Environmental Setting

Regional Physiographic Conditions

Regional topography was determined by review of the United States Geological Survey (USGS) Decatur Quadrangle Map, dated 2015. According to the topographical map reviewed, the Property is approximately 660 feet above mean sea level (MSL).

Regional Geology

Based on the Illinois State Geologic Survey (ISGS) Berg Circular, *Potential for Contamination of Shallow Aquifers from Land Burial of Municipal Waste*, the Property is located in an area rated as D2. In general, a D2 rating area contains uniform, relatively impermeable sandy till at least 50-feet thick with no evidence of interbedded sand and gravel.

Based on the borings conducted, the geologic profile of the Property consists of intervals of sandy-silts and silty-sand matrices until a depth of approximately 1-10 feet below ground surface (bgs), which were immediately underlain by a dense glacial till to the maximum boring depth of 25 feet bgs. As such, the geology of the Property is consistent with the documented geological sources.

Soil Investigation

Either a wheel-mounted Geoprobe® 420M hand cart or a track-mounted hydraulically powered Geoprobe® Model 7822 DT was used to advance a 2-inch diameter steel drive point to the top of the desired sampling interval. Soil cores were extracted from soil borings using a 3 or 5 foot long Macrocore® or Dual Tube Sampler® equipped with disposable polyethylene sample liners. Samplers were attached to the leading end of extension probe rods and driven downward until desired target depths were reached. After the desired depth interval was obtained, the sampler was extracted and the polyethylene liner opened, field logged and screened, and subsequently sampled in accordance with Fehr Graham Standard Operating Procedures (SOPs), as presented in the City's USEPA-approved QAPP.

Soil borings associated with soil and groundwater sampling activities were advanced between 15-25 feet bgs depending on field conditions observed by Fehr Graham staff or the limitations of the drilling equipment used. The extracted soil cores were immediately field screened at 1-foot intervals by Fehr Graham staff with a MiniRae 3000 photoionization detector (PID) equipped with a 10.6 eV lamp. The PID was calibrated to 100 parts per million (ppm) isobutylene and 0 ppm fresh air calibration prior to use. The PID is designed to detect the presence of volatile organic compounds (VOCs) emanating from soil pores. The soil cores, as extracted, were visually examined, and the physical observations were logged by Fehr Graham staff in a field notebook. The soil sample intervals at each boring were selected for laboratory analysis based on registered PID readings, any physical evidence of contamination such as odors or staining, and/or from typical contaminant migration characteristics.

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Focused Phase II ESA - 151 West Main Street/152 West Wood Street
Page 4

No observable physical evidence of potential contamination in the form of petroleum hydrocarbon or solvent-like odors or staining was encountered in the extracted soil cores at SB1, SB7 or SB8. PID readings were 0.0 ppm for these soil samples. The remainder of the soil samples had visual, olefactory, and/or PID responses indicating possible contamination. Soil Boring Logs are included as Attachment 3 and describe the specific geological conditions encountered at each soil boring location.

The soil samples were collected and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and polychlorinated biphenyl (PCB) constituents present in the Illinois Environmental Protection Agency's (IEPA) Target Compound List (TCL), as set forth in 35 IAC 740 Appendix A. The IEPA's TCL is a series of constituents that are most likely to be present on sites contaminated by typical commercial and industrial land uses. Analysis of Resource Conservation and Recovery Act (RCRA) 8 metals and soil pH was also completed to evaluate the leaching potential of inorganic and ionizing organic constituents for the Soil Component of the Groundwater (SCGW) Ingestion Route.

Upon completion, all bore holes were plugged with 3/8 inch bentonite chips in accordance with general practice. Boring holes completed through impervious surface materials were patched at the surface with like materials.

Groundwater Investigation

Temporary groundwater monitoring wells TW1-TW3 were constructed by inserting 10-foot sections of 1-inch diameter schedule 40 polyvinyl chloride (PVC) riser and well screen (0.010" wide slots spaced 0.125" apart) threaded with 10-15 feet of 1-inch diameter schedule 40 PVC riser with o-ring seal piping, into the 2-inch diameter borehole at soil boring locations SB1, SB6, and SB9 upon completion of soil sampling activities. All screen and riser piping had threaded connections and the annular space between the borehole and well piping was packed with clean 10/20-sized silica sand blend from total depth to grade. Hydrated bentonite was utilized at the surface to create a temporary seal.

On September 18, 2015, Fehr Graham collected groundwater samples from temporary groundwater monitoring wells TW1-TW3. Prior to sample collection, the wells were developed in accordance with Fehr Graham's SOPs as presented in the City's USEPA-approved QAPP using a peristaltic pump and disposable polyethylene tubing.

All groundwater samples were analyzed for target compound list for (TCL) VOCs, SVOCs, PCBs, and RCRA 8 metals. Groundwater pH was collected in the field at each temporary well location.

After sampling the temporary groundwater monitoring wells, the well screens and riser piping were removed and the boreholes were properly abandoned as previously described. Regional groundwater flow direction is expected to be moving southwesterly towards Lake Decatur.

Regulatory Standards

To assess potential environmental impacts, the 35 IAC Part 742 TACO, Tier 1 SROs for commercial and industrial land uses, GROs for Class I Groundwater; and GROs for the Indoor Inhalation Exposure Route (Diffusion and Advection) were used as guidelines for qualifying concerns associated with potentially contaminated soil, soil gas, and groundwater. TACO is the IEPA's approved risk-based method for developing remediation objectives for the assessment

September 30, 2015
 Mr. Billy Tyus
 Focused Phase II ESA - 151 West Main Street/152 West Wood Street
 Page 5

of contaminated soil, soil gas, and groundwater. The TACO remediation objectives were developed to be protective of human health and take into account site-specific conditions and land uses.

Laboratory Analysis and Analytical Results

Upon collection, soil and groundwater samples were immediately placed in a laboratory supplied cooler packed with zip-lock bags of wet ice, and either shipped or hand delivered to Prairie Analytical Systems, Inc. in Springfield, Illinois. Attachment 4 includes soil analytical results and Attachment 5 includes groundwater analytical results. A certified laboratory report is included as Attachment 6.

Soil analytical results indicate the following chemicals exceed Tier I TACO Remediation Objectives for at least one (1) exposure route:

Volatile Organic Compounds (VOCs)

- cis-1,2-Dichloroethene
- 1,2-Dichloropropane
- Tetrachloroethene
- Trichloroethene
- 2-Methylnaphthalene

No soil exceedances were found for SVOCs, PCBs, or RCRA 8 Metals.

Groundwater analytical results indicate the following chemicals to exceed Tier I TACO Remediation Objectives:

Volatile Organic Compounds (VOCs)

- 1,2-Dichloroethane
- 1,1-Dichloroethene
- cis-1,2-Dichloroethene
- 1,2-Dichloropropane
- Ethylbenzene
- Tetrachloroethene
- Toluene
- Trichloroethene
- Vinyl chloride

Semi-Volatile Organic Compounds (SVOCs)

- Indeno(1,2,3-cd)pyrene
- 2-Methylnaphthalene
- Naphthalene

Inorganics

- Lead

No PCBs were detected in groundwater

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Focused Phase II ESA - 151 West Main Street/152 West Wood Street
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CONCLUSIONS

This initial soil and groundwater investigation indicate a number of constituents exceed TACO Tier I Remediation Objectives. Additional investigations are needed to further delineate the source area(s) and the extent of the soil and/or groundwater contamination on the site. Based on review of the Tier 1 groundwater remediation objectives for the Indoor Inhalation Exposure Route - Diffusion and Advection and Diffusion Only tables, soil gas and indoor air quality may also be impacted at the Property. The site may be enrolled in the Illinois Environmental Protection Agency's voluntary clean-up Site Remediation Program (SRP) to pursue further assessment and remedial activities and to obtain a No Further Remediation (NFR) Letter for the site.

Should you have any comments or questions, please do not hesitate to contact our office.

Sincerely,



Erica K. Toledo
Hydrogeologist

EKT:cd

cc: Mr. Jon Peterson, USEPA (CD-ROM)

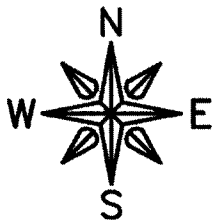
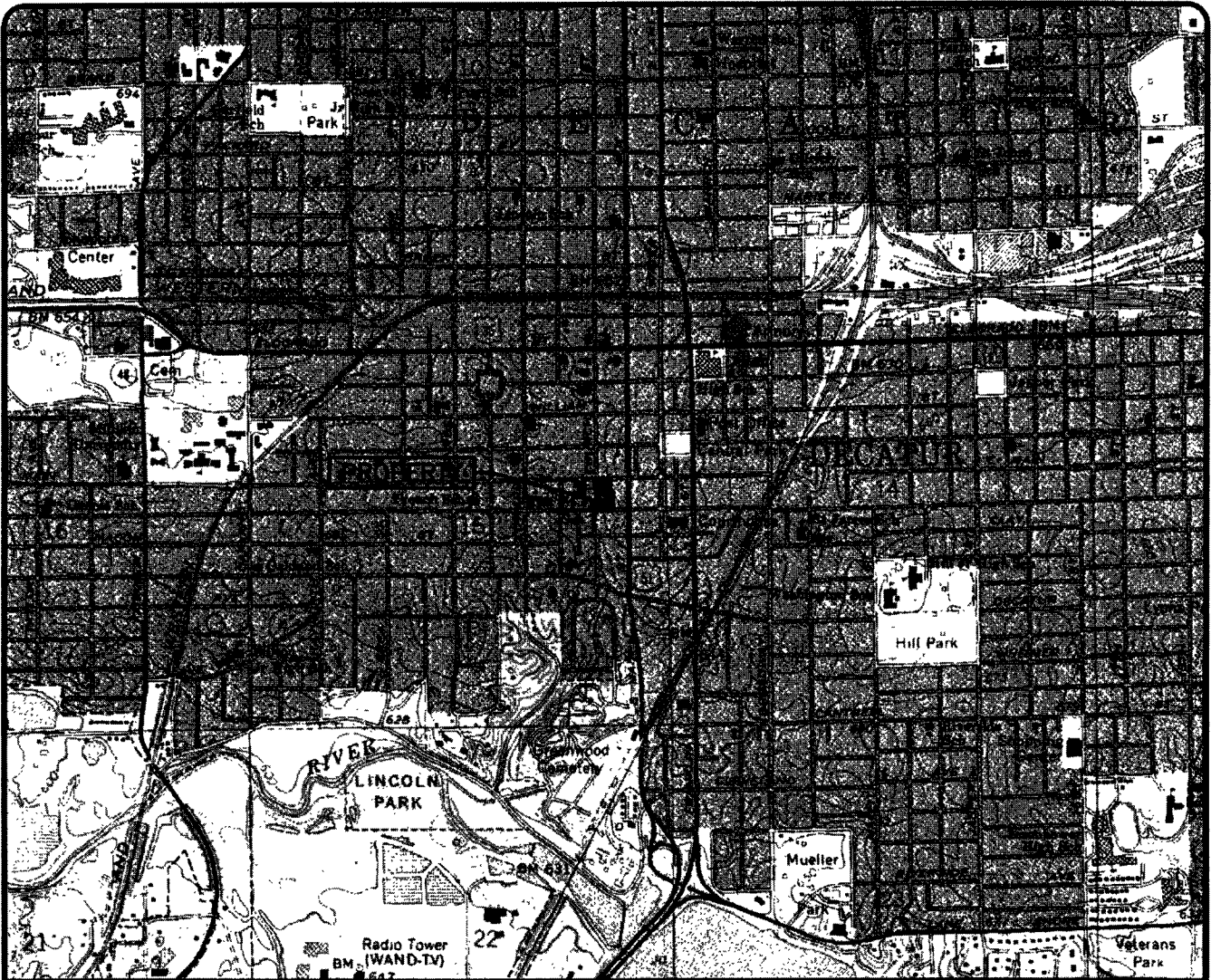
Attachments:

- Attachment 1 - Site Vicinity Map
- Attachment 2 - Site Plan
- Attachment 3 - Soil Boring Logs
- Attachment 4 - Soil Analytical Results Tables
- Attachment 5 - Groundwater Analytical Results Tables
- Attachment 6 - Certified Laboratory Report

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Attachments

Attachment 1
Site Vicinity Map



2000 0 2000
GRAPHIC SCALE IN FEET

SITE VICINITY MAP DECATUR

151 WEST MAIN STREET AND
142 WEST WOOD STREET
DECATUR, ILLINOIS, 76122

09/30/15

FEHR GRAHAM

ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003925

ILLINOIS
IOWA
WISCONSIN

DATE: 8/20/15

C:\30\12\12-130H A05G\EA05G\12-130H A05G Phase II USGS Mapping, VICINITY

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Attachment 2

Site Plan



Attachment 3
Soil Boring Logs

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BORING NUMBER SB2

PAGE 1 OF 1

CLIENT City of DecaturPROJECT NAME Tick PropertiesPROJECT NUMBER 12-139H A03MPROJECT LOCATION 151 West Main Street/ 142 West Wood StreetDATE STARTED 9/17/15COMPLETED 9/17/15

GROUND ELEVATION _____

HOLE SIZE 2"DRILLING CONTRACTOR Earth Solutions

GROUND WATER LEVELS:

DRILLING METHOD Geoprobe 7822DTAT TIME OF DRILLING ---LOGGED BY Erica ToledoCHECKED BY Joel ZirkleAT END OF DRILLING ---

NOTES _____

AFTER DRILLING ---

GENERAL BH / TP / WELL 12-139H A03M- SOIL LOGS.GPJ GINT US.GDT 9/28/15

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
					0.5 Concrete	7.6
					Light brown silty sand, gravel and brick fill.	19.1
	MAC	100	GW-GM			106.2
5						2.9
						2.6
					6.0	2.8
					Light brown clayey silt with well rounded gravel, low plasticity, stiff.	6.0
	DT	50	CL-ML			3.8
10						3.4
						8.9
					11.8	2.9
					Light brown fine to medium moderately well sorted sand, moderately loose, moist.	3.2
	DT	100				4.9
15						4.2
						4.9
						6.5
	DT	70	SP			5.4
20						4.5
					19.0	
					Light brown silt, low plasticity, moderately dense, moist to wet.	1.4
						34.5
	DT	83	ML			6.8
					24.0	4.2
25					Light gray, low plasticity stiff clay with well rounded gravel.	4.4
					25.0	
					Bottom of hole at 25.0 feet.	

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BORING NUMBER SB3

PAGE 1 OF 1

CLIENT City of DecaturPROJECT NAME Tick PropertiesPROJECT NUMBER 12-139H A03MPROJECT LOCATION 151 West Main Street/ 142 West Wood StreetDATE STARTED 9/16/15COMPLETED 9/16/15GROUND ELEVATION _____ HOLE SIZE 2"DRILLING CONTRACTOR Earth Solutions

GROUND WATER LEVELS:

DRILLING METHOD Geoprobe 420M Hand Cart Macro-Core SamplerAT TIME OF DRILLING ---LOGGED BY Erica ToledoCHECKED BY Joel ZirkleAT END OF DRILLING ---

NOTES _____

AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
					0.5 Concrete	
	MAC	33			Light brown to light gray sandy clay, soft, high plasticity.	297
			CH			761
5						886
	MAC	100			6.0	855
					Light brown sandy clay, very dense, low plasticity, wet at 9' bgs.	958
			CL			879
						824
10					10.0	768
	MAC	100			Olive gray clay with sand, moist to wet.	>15000
			CL			262
					13.0	56.2
					Hand cart refusal at 13' bgs.	
					Bottom of hole at 13.0 feet.	

GENERAL BH / TP / WELL 12-139H A03M- SOIL LOGS.GPJ GINT US.GDT 9/28/15

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ENGINEERING & ENVIRONMENTAL

BORING NUMBER SB4

PAGE 1 OF 1

CLIENT City of DecaturPROJECT NAME Tick PropertiesPROJECT NUMBER 12-139H A03MPROJECT LOCATION 151 West Main Street/ 142 West Wood StreetDATE STARTED 9/16/15COMPLETED 9/16/15

GROUND ELEVATION _____

HOLE SIZE 2"DRILLING CONTRACTOR Earth Solutions

GROUND WATER LEVELS:

DRILLING METHOD Geoprobe 420M Hand Cart Macro-Core SamplerAT TIME OF DRILLING ---LOGGED BY Erica ToledoCHECKED BY Joel ZirkleAT END OF DRILLING ---

NOTES _____

AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
					0.5 Concrete	0.0
	MAC	100			Medium reddish brown sandy clay, low plasticity, dense.	0.0
						0.0
5	MAC	100				0.0
						0.0
			CL			0.0
						49.1
	MAC	100				27.9
10						11.4
						2.1
						1.1
					11.0	
					Medium brown sandy clay, low plasticity, some dark brown staining and odor at 16' bgs.	6.5
	MAC	100	CL			9.1
						0.4
15						0.0
						604.0
					16.0	
					Hand cart refusal at 16' bgs.	
					Bottom of hole at 16.0 feet.	

GENERAL BH / TP / WELL 12-139H A03M- SOIL LOGS GPJ GINT US.GDT 9/28/15

FEHR GRAHAM

ENGINEERING & ENVIRONMENTAL

BORING NUMBER SB5

PAGE 1 OF 1

CLIENT City of DecaturPROJECT NAME Tick PropertiesPROJECT NUMBER 12-139H A03MPROJECT LOCATION 151 West Main Street/ 142 West Wood StreetDATE STARTED 9/16/15COMPLETED 9/16/15

GROUND ELEVATION _____

HOLE SIZE 2"DRILLING CONTRACTOR Earth Solutions

GROUND WATER LEVELS:

DRILLING METHOD Geoprobe 420M Hand Cart Macro-Core SamplerAT TIME OF DRILLING ---LOGGED BY Erica ToledoCHECKED BY Joel ZirkleAT END OF DRILLING ---

NOTES _____

AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
					0.5 Concrete	
	MAC	100			Light brownish gray sandy, high plasticity clay, stiff, odorous.	336
						860
						630
5	MAC	100	CH			791
						759
						1018
					6.5	
					Light brownish gray sandy, high plasticity clay, stiff, odorous with coarse, well rounded sand.	606
	MAC	100	CH			1147
10						962.7
						57.2
						568
						420
						969
	MAC	80	SM		13.0	
					Light brown to medium gray silty sand, wet to saturated, odorous.	560
15						53.2
					15.0	
					Hand cart refusal at 15' bgs.	
					Bottom of hole at 15.0 feet.	

GENERAL BH / TP / WELL 12-139H A03M- SOIL LOGS.GPJ GINT US.GDT 9/28/15

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ENGINEERING & ENVIRONMENTAL

BORING NUMBER SB6

PAGE 1 OF 1

CLIENT City of DecaturPROJECT NAME Tick PropertiesPROJECT NUMBER 12-139H A03MPROJECT LOCATION 151 West Main Street/ 142 West Wood StreetDATE STARTED 9/17/15COMPLETED 9/17/15

GROUND ELEVATION _____

HOLE SIZE 2"DRILLING CONTRACTOR Earth Solutions

GROUND WATER LEVELS:

DRILLING METHOD Geoprobe 7822DTAT TIME OF DRILLING ---LOGGED BY Erica ToledoCHECKED BY Joel ZirkleAT END OF DRILLING ---

NOTES _____

AFTER DRILLING ---

GENERAL BH / TP / WELL 12-139H A03M- SOIL LOGS.GPJ GINT US.GDT 9/28/15

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
					0.5 Concrete	12.8
					Light brown to black and red silt with sand, gravel and brick fill.	39.0
	MAC	100	GM			3.5
5						13.8
					5.3	14.6
					Light brown gravelly silt, very soft, sticky, low plasticity, with some degraded petroleum odor.	3.3
	DT	50	MLG			6.6
					9.0	9.7
10					Very dark brown gravelly silt, very soft, sticky, low plasticity with some degraded petroleum odor.	38.7
					10.0	1089
					Light gray to light brown low plasticity, sandy clay, moist, slight petroleum odor.	79.6
	DT	100	CL			31.8
						128.3
15						1570.0
					15.0	231.0
					Light brown silt with fine, well rounded, gravel and fine to medium sand, dense.	56.8
	DT	100	ML			14.5
					18.5	25.2
					Light grayish brown, very dense, silt with sand, low plasticity.	81.6
20					20.0	503.4
					Light grayish brown fine to coarse, poorly sorted sand with silt, wet to saturated, odorous.	235.5
	DT	100	SM			583.3
						1661.0
						973.3
25						1326.0
					Bottom of hole at 25.0 feet.	

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BORING NUMBER SB8

PAGE 1 OF 1

CLIENT City of DecaturPROJECT NAME Tick PropertiesPROJECT NUMBER 12-139H A03MPROJECT LOCATION 151 West Main Street/ 142 West Wood StreetDATE STARTED 9/17/15COMPLETED 9/17/15

GROUND ELEVATION _____

HOLE SIZE 2"DRILLING CONTRACTOR Earth Solutions

GROUND WATER LEVELS:

DRILLING METHOD Geoprobe 7822DTAT TIME OF DRILLING ---LOGGED BY Erica ToledoCHECKED BY Joel ZirkleAT END OF DRILLING ---

NOTES _____

AFTER DRILLING ---

GENERAL BH / TP / WELL 12-139H A03M- SOIL LOGS.GPJ GINT US.GDT 9/28/15

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
					0.5 Concrete	0.0
					Medium brown silty clay with well rounded sand, low plasticity, very stiff.	0.0
	MAC	100				0.0
5						0.0
			CL- ML			0.0
	DT	100				0.0
10						0.0
					10.3 Medium brown silty clay with well rounded sand and fine gravel, low plasticity, very stiff.	0.0
	DT	100	CL- ML			0.0
					13.1 Medium brown silt and sand, poorly sorted, fine to coarse grained, wet to saturated.	0.0
			SM			0.0
15					14.5 No Recovery	0.0
					15.0 Light gray to olive gray silty fine to coarse sand, saturated.	0.0
	DT	100	SM			0.0
					17.0 Light grayish brown very still low plasticity clay.	0.0
			CL			0.0
20					20.0 Bottom of hole at 20.0 feet.	0.0

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ENGINEERING & ENVIRONMENTAL

BORING NUMBER SB9

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CLIENT City of DecaturPROJECT NAME Tick PropertiesPROJECT NUMBER 12-139H A03MPROJECT LOCATION 151 West Main Street/ 142 West Wood StreetDATE STARTED 9/17/15COMPLETED 9/17/15

GROUND ELEVATION _____

HOLE SIZE 2"DRILLING CONTRACTOR Earth Solutions

GROUND WATER LEVELS:

DRILLING METHOD Geoprobe 7822DTAT TIME OF DRILLING ---LOGGED BY Erica ToledoCHECKED BY Joel ZirkleAT END OF DRILLING ---

NOTES _____

AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
					Concrete	0.5
					Light brown silty, clayey, sand, dense, fill.	0.5
	DT	100	CL- ML			0.7
5						1.3
						0.3
					Light brown fine to medium sand with silt, loose, dry to moist.	1.3
	DT	60				0.4
						0.3
10						0.2
						0.4
			SM			0.5
	DT	80				1.3
						0.3
15						0.2
						0.2
			SM		Light brown silty fine to medium sand, wet to saturated.	15.0
					Medium gray silty sand and grave with degraded petroleum odor.	15.5
	DT	80	ML			98.6
						535.5
						277.6
						26.5
20						13.5
					Bottom of hole at 20.0 feet.	

GENERAL BH / TP / WELL 12-139H A03M- SOIL LOGS.GPJ GINT US.GDT 9/28/15

Attachment 4

Soil Analytical Results Tables

Soil Analytical Results Table - Volatile Organic Compounds
City of Decatur - 151 West Main Street/142 West Wood Street

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Self-Reported Traffic Page 3 of 11

Soil Analytical Results Table - Inorganics and pH
City of Boulder - 151 West Main Street/142 West Wood Street

[illegible]

11-0 Personnel not assigned
 C We hereby certify accounts for this year of expense
 C liability would include personnel assigned to the
 C project. Results would not include disallowed personnel because of TACO Ter 1 Self Certification Objective
 C
 C Attached employee results include Ter 1 personnel as greater than Ter 1 Self Certification Objective
 C
 C Attached Personnel Objective for attorney only applies to those whose clearance necessary to a statement of concern
 C
 C No TACO Chances, Personnel Objective covered by the TACO Turkey Assessment Unit - Updated October 28, 2015
 C
 C Analysis not detected that was Reporting Error or Missed Detection Issue

Sell Analytical Results Table - Pesticides and PCBs
City of Decatur 191 West Main Street/142 West Wood Street

		Biosens River Specific Water for Sale										Self Consumption of the Governmental Region Biosens River Water Values		SR		T00000-01		T00000-02		T00000-03		T00000-04		T00000-05		T00000-06		T00000-07		T00000-08		T00000-09		T00000-10		T00000-11		T00000-12		T00000-13		T00000-14		T00000-15		T00000-16		T00000-17		T00000-18		T00000-19		T00000-20		T00000-21		T00000-22		T00000-23		T00000-24		T00000-25		T00000-26		T00000-27		T00000-28		T00000-29		T00000-30		T00000-31		T00000-32		T00000-33		T00000-34		T00000-35		T00000-36		T00000-37		T00000-38		T00000-39		T00000-40		T00000-41		T00000-42		T00000-43		T00000-44		T00000-45		T00000-46		T00000-47		T00000-48		T00000-49		T00000-50		T00000-51		T00000-52		T00000-53		T00000-54		T00000-55		T00000-56		T00000-57		T00000-58		T00000-59		T00000-60		T00000-61		T00000-62		T00000-63		T00000-64		T00000-65		T00000-66		T00000-67		T00000-68		T00000-69		T00000-70		T00000-71		T00000-72		T00000-73		T00000-74		T00000-75		T00000-76		T00000-77		T00000-78		T00000-79		T00000-80		T00000-81		T00000-82		T00000-83		T00000-84		T00000-85		T00000-86		T00000-87		T00000-88		T00000-89		T00000-90		T00000-91		T00000-92		T00000-93		T00000-94		T00000-95		T00000-96		T00000-97		T00000-98		T00000-99		T00000-100		T00000-101		T00000-102		T00000-103		T00000-104		T00000-105		T00000-106		T00000-107		T00000-108		T00000-109		T00000-110		T00000-111		T00000-112		T00000-113		T00000-114		T00000-115		T00000-116		T00000-117		T00000-118		T00000-119		T00000-120		T00000-121		T00000-122		T00000-123		T00000-124		T00000-125		T00000-126		T00000-127		T00000-128		T00000-129		T00000-130		T00000-131		T00000-132		T00000-133		T00000-134		T00000-135		T00000-136		T00000-137		T00000-138		T00000-139		T00000-140		T00000-141		T00000-142		T00000-143		T00000-144		T00000-145		T00000-146		T00000-147		T00000-148		T00000-149		T00000-150		T00000-151		T00000-152		T00000-153		T00000-154		T00000-155		T00000-156		T00000-157		T00000-158		T00000-159		T00000-160		T00000-161		T00000-162		T00000-163		T00000-164		T00000-165		T00000-166		T00000-167		T00000-168		T00000-169		T00000-170		T00000-171		T00000-172		T00000-173		T00000-174		T00000-175		T00000-176		T00000-177		T00000-178		T00000-179		T00000-180		T00000-181		T00000-182		T00000-183		T00000-184		T00000-185		T00000-186		T00000-187		T00000-188		T00000-189		T00000-190		T00000-191		T00000-192		T00000-193		T00000-194		T00000-195		T00000-196		T00000-197		T00000-198		T00000-199		T00000-200		T00000-201		T00000-202		T00000-203		T00000-204		T00000-205		T00000-206		T00000-207		T00000-208		T00000-209		T00000-210		T00000-211		T00000-212		T00000-213		T00000-214		T00000-215		T00000-216		T0	
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² *Journal of the American Statistical Association*, 1997, 92, 1023-1032.

→ Foremaster not assigned

4. No toxicity criteria available for this range of exposure
5. Industrial waste in field culture discarded seawater

Analysis of results on field estimate directed parameter
Analysis of results on field estimate directed parameter exceeds a 1000 Year 1 Self-Revolution Objective

Polynomial analysis results indicate that for parameter α greater than 0.75, the 1-bit identification signature

¹¹ From TACO Chemicals, Terephthalic Acid prepared by the HSO₃ Terephthalic Acid - Sulfonic Acid Process, 1982.

U Analyte not detected (less than Reporting Limit or Minimum Detection Limit)

Attachment 5

Groundwater Analytical Results Tables

Attachment 6
Laboratory Reports



Tuesday, September 29, 2015

Erica Toledo
Fehr-Graham & Associates, LLC
200 Prairie Street, Suite 208
Rockford, IL 61107
TEL: (815) 394-4700
FAX: (815) 394-4702

RE: 12-129H A03M Tick Properties Decatur, IL

PAS WO: 15I0384

Prairie Analytical Systems, Inc. received 11 sample(s) on 9/18/2015 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Kristen Potter".

Kristen A. Potter
Project Manager

Certifications: NELAP/NELAC - IL #100323

1210 Capital Airport Drive	*	Springfield, IL 62707	*	1.217.753.1148	*	1.217.753.1152 Fax
9114 Virginia Road Suite #112	*	Lake in the Hills, IL 60156	*	1.847.651.2604	*	1.847.458.0538 Fax

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34513-SB9 @ 15.5-16.5
 Collection Date: 9/17/15 8:40

Lab Order: 15I0384
 Lab ID: 15I0384-01
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Volatile Organic Compounds by GC-MS									
*Acetone	U	0.108	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*Benzene	U	0.0206	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*Bromodichloromethane	U	0.0363	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*Bromoform	U	0.0330	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*Bromomethane	U	0.0367	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*2-Butanone	U	0.213	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*Carbon disulfide	U	0.0440	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*Carbon tetrachloride	U	0.0418	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*Chlorobenzene	U	0.0232	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*Chloroethane	U	0.0536	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*Chloroform	U	0.0851	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*Chloromethane	U	0.0864	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*Dibromochloromethane	U	0.0244	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*1,1-Dichloroethane	U	0.0554	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*1,2-Dichloroethane	U	0.0387	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*1,1,1-Dichloroethene	U	0.0438	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*cis-1,2-Dichloroethene	U	0.132	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*trans-1,2-Dichloroethene	U	0.0447	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*1,2-Dichloropropane	U	0.0285	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*cis-1,3-Dichloropropene	U	0.0411	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*trans-1,3-Dichloropropene	U	0.0193	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*Ethylbenzene	U	0.0396	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*2-Hexanone	U	0.0360	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*Methyl tert-butyl ether	U	0.0385	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*4-Methyl-2-pentanone	U	0.0387	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*Methylene chloride	U	0.0596	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*Styrene	U	0.0334	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*1,1,2,2-Tetrachloroethane	U	0.0296	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*Tetrachloroethene	U	0.0255	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*Toluene	U	0.0425	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*1,1,1-Trichloroethane	U	0.0439	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*1,1,2-Trichloroethane	U	0.0204	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*Trichloroethene	U	0.0284	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*Vinyl chloride	U	0.0398	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
*Xylenes (total)	U	0.0600	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
Surrogate: 4-Bromofluorobenzene		104 %		75-120		9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
Surrogate: 1,2-Dichloroethane-d4		104 %		75-119		9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS
Surrogate: Toluene-d8		83 %		78-114		9/28/15 13:02	9/28/15 22:27	SW8260B Re	JLS

Semi-Volatile Organic Compounds by GC-MS

*Acenaphthene	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Acenaphthylene	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Anthracene	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Benzo(a)anthracene	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Benzo(b)fluoranthene	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Benzo(k)fluoranthene	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Benzo(g,h,i)perylene	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Benzo(a)pyrene	U	0.0671		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Bis(2-chloroethoxy)methane	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34513-SB9 @ 15.5-16.5
 Collection Date: 9/17/15 8:40

Lab Order: 15I0384
 Lab ID: 15I0384-01
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Bis(2-chloroethyl)ether	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Bis(2-chloroisopropyl)ether	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Bis(2-ethylhexyl)phthalate	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*4-Bromophenyl phenyl ether	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Butyl benzyl phthalate	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Carbazole	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*4-Chloro-3-methylphenol	U	0.745		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*4-Chloroaniline	U	0.587		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*2-Chloronaphthalene	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*2-Chlorophenol	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*4-Chlorophenyl phenyl ether	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Chrysene	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Di-n-butyl phthalate	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Di-n-octyl phthalate	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Dibenz(a,h)anthracene	U	0.0671		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Dibenzofuran	U	1.86		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*1,2-Dichlorobenzene	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*1,3-Dichlorobenzene	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*1,4-Dichlorobenzene	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*3,3'-Dichlorobenzidine	U	0.00559		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*2,4-Dichlorophenol	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Diethyl phthalate	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Dimethyl phthalate	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*2,4-Dimethylphenol	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*4,6-Dinitro-2-methylphenol	U	0.0254	M	mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*2,4-Dinitrophenol	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*2,4-Dinitrotoluene	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*2,6-Dinitrotoluene	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Fluoranthene	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Fluorene	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Hexachlorobenzene	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Hexachlorobutadiene	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Hexachlorocyclopentadiene	U	0.745		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Hexachloroethane	0.443	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Indeno(1,2,3-cd)pyrene	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Isophorone	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*2-Methylnaphthalene	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*2-Methylphenol	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
3 & 4-Methylphenol	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Naphthalene	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*2-Nitroaniline	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*3-Nitroaniline	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*4-Nitroaniline	U	0.0671		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Nitrobenzene	U	0.0671		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*2-Nitrophenol	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*4-Nitrophenol	U	1.86		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*N-Nitroso-di-n-propylamine	U	0.000667	M	mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*N-Nitrosodiphenylamine	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Pentachlorophenol	U	0.0112		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Phenanthrene	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34513-SB9 @ 15.5-16.5
 Collection Date: 9/17/15 8:40

Lab Order: 15I0384
 Lab ID: 15I0384-01
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Phenol	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*Pyrene	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*1,2,4-Trichlorobenzene	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*2,4,5-Trichlorophenol	U	0.372		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
*2,4,6-Trichlorophenol	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
Surrogate: 2-Fluorobiphenyl		67 %		40-120		9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
Surrogate: 2-Fluorophenol		48 %		20-115		9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
Surrogate: Nitrobenzene-d5		75 %		45-135		9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
Surrogate: Phenol-d6		47 %		20-100		9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
Surrogate: 4-Terphenyl-d14		77 %		60-130		9/18/15 15:09	9/22/15 23:15	SW8270C	JKA
Surrogate: 2,4,6-Tribromophenol		40 %		30-100		9/18/15 15:09	9/22/15 23:15	SW8270C	JKA

Polychlorinated Biphenyls by GC-ECD

*Aroclor 1016	U	0.0370		mg/Kg dry	1	9/18/15 15:11	9/18/15 18:32	SW8082	AJD
*Aroclor 1221	U	0.0370		mg/Kg dry	1	9/18/15 15:11	9/18/15 18:32	SW8082	AJD
*Aroclor 1232	U	0.0370		mg/Kg dry	1	9/18/15 15:11	9/18/15 18:32	SW8082	AJD
*Aroclor 1242	U	0.0370		mg/Kg dry	1	9/18/15 15:11	9/18/15 18:32	SW8082	AJD
*Aroclor 1248	U	0.0370		mg/Kg dry	1	9/18/15 15:11	9/18/15 18:32	SW8082	AJD
*Aroclor 1254	U	0.0370		mg/Kg dry	1	9/18/15 15:11	9/18/15 18:32	SW8082	AJD
*Aroclor 1260	U	0.0370		mg/Kg dry	1	9/18/15 15:11	9/18/15 18:32	SW8082	AJD
Surrogate: Decachlorobiphenyl		100 %		60-140		9/18/15 15:11	9/18/15 18:32	SW8082	AJD
Surrogate: Tetrachloro-m-xylene		54 % S		60-140		9/18/15 15:11	9/18/15 18:32	SW8082	AJD

Metals by ICP-MS

*Mercury	U	0.0891		mg/Kg dry	2	9/18/15 13:28	9/21/15 21:45	SW6020A	CCD
*Selenium	U	0.557		mg/Kg dry	2	9/18/15 13:28	9/21/15 21:45	SW6020A	CCD
*Silver	U	0.557		mg/Kg dry	2	9/18/15 13:28	9/21/15 21:45	SW6020A	CCD

Metals by ICP

*Arsenic	4.55	0.557		mg/Kg dry	1	9/18/15 9:32	9/20/15 5:55	SW6010B	JTC
*Barium	13.3	0.279		mg/Kg dry	1	9/18/15 9:32	9/20/15 5:55	SW6010B	JTC
*Cadmium	U	0.279		mg/Kg dry	1	9/18/15 9:32	9/20/15 5:55	SW6010B	JTC
*Chromium	5.91	0.279		mg/Kg dry	1	9/18/15 9:32	9/20/15 5:55	SW6010B	JTC
*Lead	12.3	0.279		mg/Kg dry	1	9/18/15 9:32	9/20/15 5:55	SW6010B	JTC

Conventional Chemistry Parameters

*pH	8.2	0.010		pH Units	1	9/22/15 12:12	9/22/15 15:18	SW9045C	DMS
Percent Solids	89.0	0.100		%	1	9/22/15 10:36	9/23/15 9:42	ASTM D2974	KSH

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34514-SB7 @ 2-3
 Collection Date: 9/17/15 9:00

Lab Order: 15I0384
 Lab ID: 15I0384-02
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Volatile Organic Compounds by GC-MS									
*Acetone	U	0.0489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*Benzene	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*Bromodichloromethane	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*Bromoform	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*Bromomethane	U	0.00979		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*2-Butanone	U	0.00979		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*Carbon disulfide	U	0.00979		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*Carbon tetrachloride	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*Chlorobenzene	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*Chloroethane	U	0.00979		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*Chloroform	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*Chloromethane	U	0.00979		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*Dibromochloromethane	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*1,1-Dichloroethane	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*1,2-Dichloroethane	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*1,1,1-Dichloroethane	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*cis-1,2-Dichloroethane	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*trans-1,2-Dichloroethane	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*1,2-Dichloropropane	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*cis-1,3-Dichloropropene	U	0.00294		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*trans-1,3-Dichloropropene	U	0.00294		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*Ethylbenzene	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*2-Hexanone	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*Methyl tert-butyl ether	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*4-Methyl-2-pentanone	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*Methylene chloride	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*Styrene	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*1,1,2,2-Tetrachloroethane	U	0.00196		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*Tetrachloroethene	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*Toluene	0.00495	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*1,1,1-Trichloroethane	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*1,1,2-Trichloroethane	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*Trichloroethene	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*Vinyl chloride	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*Xylenes (total)	U	0.0147		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
Surrogate: 4-Bromofluorobenzene		91 %		75-120		9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
Surrogate: 1,2-Dichloroethane-d4		107 %		75-119		9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
Surrogate: Toluene-d8		91 %		78-114		9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS

Semi-Volatile Organic Compounds by GC-MS

*Acenaphthene	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Acenaphthylene	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Anthracene	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Benzo(a)anthracene	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Benzo(b)fluoranthene	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Benzo(k)fluoranthene	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Benzo(g,h,i)perylene	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Benzo(a)pyrene	U	0.0673		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Bis(2-chloroethoxy)methane	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34514-SB7 @ 2-3
 Collection Date: 9/17/15 9:00

Lab Order: 15I0384
 Lab ID: 15I0384-02
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Bis(2-chloroethyl)ether	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Bis(2-chloroisopropyl)ether	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Bis(2-ethylhexyl)phthalate	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*4-Bromophenyl phenyl ether	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Butyl benzyl phthalate	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Carbazole	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*4-Chloro-3-methylphenol	U	0.747		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*4-Chloroaniline	U	0.589		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*2-Chloronaphthalene	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*2-Chlorophenol	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*4-Chlorophenyl phenyl ether	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Chrysene	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Di-n-butyl phthalate	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Di-n-octyl phthalate	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Dibenz(a,h)anthracene	U	0.0673		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Dibenzofuran	U	1.87		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*1,2-Dichlorobenzene	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*1,3-Dichlorobenzene	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*1,4-Dichlorobenzene	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*3,3'-Dichlorobenzidine	U	0.00561		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*2,4-Dichlorophenol	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Diethyl phthalate	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Dimethyl phthalate	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*2,4-Dimethylphenol	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*4,6-Dinitro-2-methylphenol	U	0.0254	M	mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*2,4-Dinitrophenol	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*2,4-Dinitrotoluene	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*2,6-Dinitrotoluene	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Fluoranthene	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Fluorene	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Hexachlorobenzene	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Hexachlorobutadiene	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Hexachlorocyclopentadiene	U	0.747		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Hexachloroethane	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Indeno(1,2,3-cd)pyrene	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Isophorone	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*2-Methylnaphthalene	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*2-Methylphenol	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
3 & 4-Methylphenol	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Naphthalene	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*2-Nitroaniline	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*3-Nitroaniline	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*4-Nitroaniline	U	0.0673		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Nitrobenzene	U	0.0673		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*2-Nitrophenol	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*4-Nitrophenol	U	1.87		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*N-Nitroso-di-n-propylamine	U	0.000669	M	mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*N-Nitrosodiphenylamine	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Pentachlorophenol	U	0.0112		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Phenanthrene	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34514-SB7 @ 2-3
 Collection Date: 9/17/15 9:00

Lab Order: 15I0384
 Lab ID: 15I0384-02
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Phenol	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*Pyrene	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*1,2,4-Trichlorobenzene	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*2,4,5-Trichlorophenol	U	0.373		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
*2,4,6-Trichlorophenol	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
Surrogate: 2-Fluorobiphenyl		60 %		40-120		9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
Surrogate: 2-Fluorophenol		39 %		20-115		9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
Surrogate: Nitrobenzene-d5		57 %		45-135		9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
Surrogate: Phenol-d6		41 %		20-100		9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
Surrogate: 4-Terphenyl-d14		65 %		60-130		9/18/15 15:09	9/22/15 23:45	SW8270C	JKA
Surrogate: 2,4,6-Tribromophenol		35 %		30-100		9/18/15 15:09	9/22/15 23:45	SW8270C	JKA

Polychlorinated Biphenyls by GC-ECD

*Aroclor 1016	U	0.0368		mg/Kg dry	1	9/18/15 15:11	9/18/15 18:49	SW8082	AJD
*Aroclor 1221	U	0.0368		mg/Kg dry	1	9/18/15 15:11	9/18/15 18:49	SW8082	AJD
*Aroclor 1232	U	0.0368		mg/Kg dry	1	9/18/15 15:11	9/18/15 18:49	SW8082	AJD
*Aroclor 1242	U	0.0368		mg/Kg dry	1	9/18/15 15:11	9/18/15 18:49	SW8082	AJD
*Aroclor 1248	U	0.0368		mg/Kg dry	1	9/18/15 15:11	9/18/15 18:49	SW8082	AJD
*Aroclor 1254	U	0.0368		mg/Kg dry	1	9/18/15 15:11	9/18/15 18:49	SW8082	AJD
*Aroclor 1260	U	0.0368		mg/Kg dry	1	9/18/15 15:11	9/18/15 18:49	SW8082	AJD
Surrogate: Decachlorobiphenyl		111 %		60-140		9/18/15 15:11	9/18/15 18:49	SW8082	AJD
Surrogate: Tetrachloro-m-xylene		67 %		60-140		9/18/15 15:11	9/18/15 18:49	SW8082	AJD

Metals by ICP-MS

*Mercury	U	0.0900		mg/Kg dry	2	9/18/15 13:28	9/21/15 20:24	SW6020A	CCD
*Selenium	0.911	0.563		mg/Kg dry	2	9/18/15 13:28	9/21/15 20:24	SW6020A	CCD
*Silver	U	0.563		mg/Kg dry	2	9/18/15 13:28	9/21/15 20:24	SW6020A	CCD

Metals by ICP

*Arsenic	22.9	0.563		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:01	SW6010B	JTC
*Barium	30.9	0.281		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:01	SW6010B	JTC
*Cadmium	1.06	0.281		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:01	SW6010B	JTC
*Chromium	23.5	0.281		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:01	SW6010B	JTC
*Lead	15.8	0.281		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:01	SW6010B	JTC

Conventional Chemistry Parameters

*pH	7.9	0.010		pH Units	1	9/22/15 12:12	9/22/15 15:18	SW9045C	DMS
Percent Solids	88.4	0.100		%	1	9/22/15 10:36	9/23/15 9:42	ASTM D2974	KSH

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34515-SB7 DUP @ 2-3
 Collection Date: 9/17/15 9:00

Lab Order: 15I0384
 Lab ID: 15I0384-03
 Matrix: Solid

Analytes	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Volatile Organic Compounds by GC-MS									
*Acetone	U	0.113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*Benzene	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*Bromodichloromethane	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*Bromoform	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*Bromomethane	U	0.0225		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*2-Butanone	U	0.0225		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*Carbon disulfide	U	0.0225		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*Carbon tetrachloride	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*Chlorobenzene	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*Chloroethane	U	0.0225		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*Chloroform	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*Chloromethane	U	0.0225		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*Dibromochloromethane	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*1,1-Dichloroethane	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*1,2-Dichloroethane	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*1,1,1-Dichloroethane	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*cis-1,2-Dichloroethene	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*trans-1,2-Dichloroethene	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*1,2-Dichloropropane	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*cis-1,3-Dichloropropene	U	0.00329	M	mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*trans-1,3-Dichloropropene	U	0.00155	M	mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*Ethylbenzene	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*2-Hexanone	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*Methyl tert-butyl ether	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*4-Methyl-2-pentanone	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*Methylene chloride	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*Styrene	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*1,1,2,2-Tetrachloroethane	U	0.00238	M	mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*Tetrachloroethene	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*Toluene	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*1,1,1-Trichloroethane	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*1,1,2-Trichloroethane	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*Trichloroethene	U	0.0113		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*Vinyl chloride	U	0.00901		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
*Xylenes (total)	U	0.0338		mg/Kg dry	1	9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
Surrogate: 4-Bromofluorobenzene		92 %		75-120		9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
Surrogate: 1,2-Dichloroethane-d4		101 %		75-119		9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS
Surrogate: Toluene-d8		95 %		78-114		9/28/15 13:02	9/28/15 21:58	SW8260B Re	JLS

Semi-Volatile Organic Compounds by GC-MS

*Acenaphthene	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Acenaphthylene	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Anthracene	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Benzo(a)anthracene	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Benzo(b)fluoranthene	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Benzo(k)fluoranthene	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Benzo(g,h,i)perylene	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Benzo(a)pyrene	U	0.0685		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Bis(2-chloroethoxy)methane	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34515-SB7 DUP @ 2-3
 Collection Date: 9/17/15 9:00

Lab Order: 15I0384
 Lab ID: 15I0384-03
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Bis(2-chloroethyl)ether	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Bis(2-chloroisopropyl)ether	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Bis(2-ethylhexyl)phthalate	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*4-Bromophenyl phenyl ether	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Butyl benzyl phthalate	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Carbazole	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*4-Chloro-3-methylphenol	U	0.761		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*4-Chloroaniline	U	0.600		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*2-Chloronaphthalene	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*2-Chlorophenol	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*4-Chlorophenyl phenyl ether	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Chrysene	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Di-n-butyl phthalate	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Di-n-octyl phthalate	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Dibenz(a,h)anthracene	U	0.0685		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Dibenzofuran	U	1.90		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*1,2-Dichlorobenzene	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*1,3-Dichlorobenzene	U	0.114		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*1,4-Dichlorobenzene	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*3,3'-Dichlorobenzidine	U	0.00571		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*2,4-Dichlorophenol	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Diethyl phthalate	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Dimethyl phthalate	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*2,4-Dimethylphenol	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*4,6-Dinitro-2-methylphenol	U	0.0259 M		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*2,4-Dinitrophenol	U	0.114		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*2,4-Dinitrotoluene	U	0.114		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*2,6-Dinitrotoluene	U	0.114		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Fluoranthene	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Fluorene	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Hexachlorobenzene	U	0.114		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Hexachlorobutadiene	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Hexachlorocyclopentadiene	U	0.761		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Hexachloroethane	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Indeno(1,2,3-cd)pyrene	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Isophorone	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*2-Methylnaphthalene	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*2-Methylphenol	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
3 & 4-Methylphenol	U	0.114		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Naphthalene	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*2-Nitroaniline	U	0.114		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*3-Nitroaniline	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*4-Nitroaniline	U	0.0685		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Nitrobenzene	U	0.0685		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*2-Nitrophenol	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*4-Nitrophenol	U	1.90		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*N-Nitroso-di-n-propylamine	U	0.000681 M		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*N-Nitrosodiphenylamine	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Pentachlorophenol	U	0.0114		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Phenanthrene	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34515-SB7 DUP @ 2-3
 Collection Date: 9/17/15 9:00

Lab Order: 1510384
 Lab ID: 1510384-03
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Phenol	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*Pyrene	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*1,2,4-Trichlorobenzene	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*2,4,5-Trichlorophenol	U	0.380		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
*2,4,6-Trichlorophenol	U	0.114		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
Surrogate: 2-Fluorobiphenyl		66 %		40-120		9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
Surrogate: 2-Fluorophenol		43 %		20-115		9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
Surrogate: Nitrobenzene-d5		65 %		45-135		9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
Surrogate: Phenol-d6		44 %		20-100		9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
Surrogate: 4-Terphenyl-d14		69 %		60-130		9/18/15 15:09	9/23/15 0:15	SW8270C	JKA
Surrogate: 2,4,6-Tribromophenol		38 %		30-100		9/18/15 15:09	9/23/15 0:15	SW8270C	JKA

Polychlorinated Biphenyls by GC-ECD

*Aroclor 1016	U	0.0376		mg/Kg dry	1	9/18/15 15:11	9/18/15 19:07	SW8082	AJD
*Aroclor 1221	U	0.0376		mg/Kg dry	1	9/18/15 15:11	9/18/15 19:07	SW8082	AJD
*Aroclor 1232	U	0.0376		mg/Kg dry	1	9/18/15 15:11	9/18/15 19:07	SW8082	AJD
*Aroclor 1242	U	0.0376		mg/Kg dry	1	9/18/15 15:11	9/18/15 19:07	SW8082	AJD
*Aroclor 1248	U	0.0376		mg/Kg dry	1	9/18/15 15:11	9/18/15 19:07	SW8082	AJD
*Aroclor 1254	U	0.0376		mg/Kg dry	1	9/18/15 15:11	9/18/15 19:07	SW8082	AJD
*Aroclor 1260	U	0.0376		mg/Kg dry	1	9/18/15 15:11	9/18/15 19:07	SW8082	AJD
Surrogate: Decachlorobiphenyl		102 %		60-140		9/18/15 15:11	9/18/15 19:07	SW8082	AJD
Surrogate: Tetrachloro-m-xylene		64 %		60-140		9/18/15 15:11	9/18/15 19:07	SW8082	AJD

Metals by ICP-MS

*Mercury	U	0.0903		mg/Kg dry	2	9/18/15 13:28	9/21/15 21:50	SW6020A	CCD
*Selenium	U	0.564		mg/Kg dry	2	9/18/15 13:28	9/21/15 21:50	SW6020A	CCD
*Silver	U	0.564		mg/Kg dry	2	9/18/15 13:28	9/21/15 21:50	SW6020A	CCD

Metals by ICP

*Arsenic	5.75	0.564		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:29	SW6010B	JTC
*Barium	48.6	0.282		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:29	SW6010B	JTC
*Cadmium	0.363	0.282		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:29	SW6010B	JTC
*Chromium	12.3	0.282		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:29	SW6010B	JTC
*Lead	9.02	0.282		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:29	SW6010B	JTC

Conventional Chemistry Parameters

*pH	7.5	0.010		pH Units	1	9/22/15 12:12	9/22/15 15:18	SW9045C	DMS
Percent Solids	87.0	0.100		%	1	9/22/15 10:36	9/23/15 9:42	ASTM D2974	KSH

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34517-SB6 @ 9-10
 Collection Date: 9/17/15 10:20

Lab Order: 1510384
 Lab ID: 1510384-04
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Volatile Organic Compounds by GC-MS									
*Acetone	U	0.109	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*Benzene	U	0.0208	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*Bromodichloromethane	U	0.0366	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*Bromoform	U	0.0333	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*Bromomethane	U	0.0370	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*2-Butanone	U	0.215	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*Carbon disulfide	U	0.0444	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*Carbon tetrachloride	U	0.0422	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*Chlorobenzene	U	0.0234	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*Chloroethane	U	0.0541	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*Chloroform	U	0.0859	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*Chloromethane	U	0.0873	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*Dibromochloromethane	U	0.0247	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*1,1-Dichloroethane	U	0.0560	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*1,2-Dichloroethane	U	0.0391	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*1,1-Dichloroethene	U	0.0442	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*cis-1,2-Dichloroethene	0.160	0.142		mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*trans-1,2-Dichloroethene	U	0.0451	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*1,2-Dichloropropane	U	0.0288	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*cis-1,3-Dichloropropene	U	0.0415	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*trans-1,3-Dichloropropene	U	0.0195	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*Ethylbenzene	U	0.0400	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*2-Hexanone	U	0.0363	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*Methyl tert-butyl ether	U	0.0389	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*4-Methyl-2-pentanone	U	0.0391	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*Methylene chloride	U	0.0602	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*Styrene	U	0.0337	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*1,1,2,2-Tetrachloroethane	U	0.0299	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*Tetrachloroethene	U	0.0258	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*Toluene	U	0.0430	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*1,1,1-Trichloroethane	U	0.0444	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*1,1,2-Trichloroethane	U	0.0206	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*Trichloroethene	U	0.0287	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*Vinyl chloride	U	0.0402	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
*Xylenes (total)	U	0.0606	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
Surrogate: 4-Bromofluorobenzene		108 %		75-120		9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
Surrogate: 1,2-Dichloroethane-d4		83 %		75-119		9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS
Surrogate: Toluene-d8		106 %		78-114		9/28/15 13:02	9/28/15 22:57	SW8260B Re	JLS

Semi-Volatile Organic Compounds by GC-MS

*Acenaphthene	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Acenaphthylene	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Anthracene	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Benzo(a)anthracene	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Benzo(b)fluoranthene	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Benzo(k)fluoranthene	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Benzo(g,h,i)perylene	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Benzo(a)pyrene	U	0.0678		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Bis(2-chloroethoxy)methane	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34517-SB6 @ 9-10
 Collection Date: 9/17/15 10:20

Lab Order: 15I0384
 Lab ID: 15I0384-04
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Bis(2-chloroethyl)ether	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Bis(2-chloroisopropyl)ether	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Bis(2-ethylhexyl)phthalate	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*4-Bromophenyl phenyl ether	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Butyl benzyl phthalate	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Carbazole	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*4-Chloro-3-methylphenol	U	0.752		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*4-Chloroaniline	U	0.593		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*2-Chloronaphthalene	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*2-Chlorophenol	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*4-Chlorophenyl phenyl ether	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Chrysene	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Di-n-butyl phthalate	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Di-n-octyl phthalate	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Dibenz(a,h)anthracene	U	0.0678		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Dibenzofuran	U	1.88		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*1,2-Dichlorobenzene	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*1,3-Dichlorobenzene	U	0.113		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*1,4-Dichlorobenzene	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*3,3'-Dichlorobenzidine	U	0.00565		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*2,4-Dichlorophenol	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Diethyl phthalate	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Dimethyl phthalate	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*2,4-Dimethylphenol	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*4,6-Dinitro-2-methylphenol	U	0.0256	M	mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*2,4-Dinitrophenol	U	0.113		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*2,4-Dinitrotoluene	U	0.113		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*2,6-Dinitrotoluene	U	0.113		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Fluoranthene	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Fluorene	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Hexachlorobenzene	U	0.113		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Hexachlorobutadiene	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Hexachlorocyclopentadiene	U	0.752		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Hexachloroethane	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Indeno(1,2,3-cd)pyrene	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Isophorone	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*2-Methylnaphthalene	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*2-Methylphenol	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
3 & 4-Methylphenol	U	0.113		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Naphthalene	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*2-Nitroaniline	U	0.113		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*3-Nitroaniline	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*4-Nitroaniline	U	0.0678		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Nitrobenzene	U	0.0678		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*2-Nitrophenol	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*4-Nitrophenol	U	1.88		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*N-Nitroso-di-n-propylamine	U	0.000674	M	mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*N-Nitrosodiphenylamine	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Pentachlorophenol	U	0.0113		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Phenanthrene	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34517-SB6 @ 9-10
 Collection Date: 9/17/15 10:20

Lab Order: 15I0384
 Lab ID: 15I0384-04
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Phenol	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*Pyrene	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*1,2,4-Trichlorobenzene	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*2,4,5-Trichlorophenol	U	0.376		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
*2,4,6-Trichlorophenol	U	0.113		mg/Kg dry	1	9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
Surrogate: 2-Fluorobiphenyl		68 %		40-120		9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
Surrogate: 2-Fluorophenol		46 %		20-115		9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
Surrogate: Nitrobenzene-d5		66 %		45-135		9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
Surrogate: Phenol-d6		47 %		20-100		9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
Surrogate: 4-Terphenyl-d14		74 %		60-130		9/18/15 15:09	9/23/15 0:46	SW8270C	JKA
Surrogate: 2,4,6-Tribromophenol		40 %		30-100		9/18/15 15:09	9/23/15 0:46	SW8270C	JKA

Polychlorinated Biphenyls by GC-ECD

*Aroclor 1016	U	0.0374		mg/Kg dry	1	9/18/15 15:11	9/18/15 19:25	SW8082	AJD
*Aroclor 1221	U	0.0374		mg/Kg dry	1	9/18/15 15:11	9/18/15 19:25	SW8082	AJD
*Aroclor 1232	U	0.0374		mg/Kg dry	1	9/18/15 15:11	9/18/15 19:25	SW8082	AJD
*Aroclor 1242	U	0.0374		mg/Kg dry	1	9/18/15 15:11	9/18/15 19:25	SW8082	AJD
*Aroclor 1248	U	0.0374		mg/Kg dry	1	9/18/15 15:11	9/18/15 19:25	SW8082	AJD
*Aroclor 1254	U	0.0374		mg/Kg dry	1	9/18/15 15:11	9/18/15 19:25	SW8082	AJD
*Aroclor 1260	U	0.0374		mg/Kg dry	1	9/18/15 15:11	9/18/15 19:25	SW8082	AJD
Surrogate: Decachlorobiphenyl		108 %		60-140		9/18/15 15:11	9/18/15 19:25	SW8082	AJD
Surrogate: Tetrachloro-m-xylene		65 %		60-140		9/18/15 15:11	9/18/15 19:25	SW8082	AJD

Metals by ICP-MS

*Mercury	U	0.0839		mg/Kg dry	2	9/18/15 13:28	9/21/15 21:56	SW6020A	CCD
*Selenium	U	0.524		mg/Kg dry	2	9/18/15 13:28	9/21/15 21:56	SW6020A	CCD
*Silver	U	0.524		mg/Kg dry	2	9/18/15 13:28	9/21/15 21:56	SW6020A	CCD

Metals by ICP

*Arsenic	6.28	0.524		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:37	SW6010B	JTC
*Barium	15.8	0.262		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:37	SW6010B	JTC
*Cadmium	0.315	0.262		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:37	SW6010B	JTC
*Chromium	10.7	0.262		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:37	SW6010B	JTC
*Lead	7.91	0.262		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:37	SW6010B	JTC

Conventional Chemistry Parameters

*pH	8.0	0.010		pH Units	1	9/22/15 12:12	9/22/15 15:18	SW9045C	DMS
Percent Solids	88.0	0.100		%	1	9/22/15 10:36	9/23/15 9:42	ASTM D2974	KSH

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34518-SB6 @ 24-25
 Collection Date: 9/17/15 10:25

Lab Order: 15I0384
 Lab ID: 15I0384-05
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Volatile Organic Compounds by GC-MS									
*Acetone	U	0.109	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*Benzene	U	0.0207	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*Bromodichloromethane	U	0.0364	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*Bromoform	U	0.0331	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*Bromomethane	U	0.0369	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*2-Butanone	U	0.214	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*Carbon disulfide	U	0.0442	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*Carbon tetrachloride	U	0.0420	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*Chlorobenzene	U	0.0233	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*Chloroethane	U	0.0538	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*Chloroform	U	0.0855	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*Chloromethane	U	0.0869	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*Dibromochloromethane	U	0.0245	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*1,1-Dichloroethane	U	0.0557	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*1,2-Dichloroethane	U	0.0389	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*1,1-Dichloroethene	U	0.0440	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*cis-1,2-Dichloroethene	2.81	0.141		mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*trans-1,2-Dichloroethene	U	0.0449	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*1,2-Dichloropropane	U	0.0287	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*cis-1,3-Dichloropropene	U	0.0413	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*trans-1,3-Dichloropropene	U	0.0194	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*Ethylbenzene	U	0.0398	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*2-Hexanone	U	0.0361	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*Methyl tert-butyl ether	U	0.0387	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*4-Methyl-2-pentanone	U	0.0389	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*Methylene chloride	U	0.0599	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*Styrene	U	0.0335	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*1,1,2,2-Tetrachloroethane	U	0.0298	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*Tetrachloroethene	U	0.0256	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*Toluene	U	0.0427	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*1,1,1-Trichloroethane	U	0.0442	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*1,1,2-Trichloroethane	U	0.0205	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*Trichloroethene	U	0.0285	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*Vinyl chloride	U	0.0400	M	mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
*Xylenes (total)	1.23	0.424		mg/Kg dry	25	9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
Surrogate: 4-Bromofluorobenzene		85 %		75-120		9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
Surrogate: 1,2-Dichloroethane-d4		85 %		75-119		9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS
Surrogate: Toluene-d8		92 %		78-114		9/28/15 13:02	9/28/15 23:26	SW8260B Re	JLS

Semi-Volatile Organic Compounds by GC-MS

*Acenaphthene	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Acenaphthylene	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Anthracene	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Benzo(a)anthracene	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Benzo(b)fluoranthene	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Benzo(k)fluoranthene	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Benzo(g,h,i)perylene	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Benzo(a)pyrene	U	0.0647		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Bis(2-chloroethoxy)methane	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34518-SB6 @ 24-25
 Collection Date: 9/17/15 10:25

Lab Order: 15I0384
 Lab ID: 15I0384-05
 Matrix: Solid

Analytes	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Bis(2-chloroethyl)ether	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Bis(2-chloroisopropyl)ether	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Bis(2-ethylhexyl)phthalate	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*4-Bromophenyl phenyl ether	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Butyl benzyl phthalate	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Carbazole	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*4-Chloro-3-methylphenol	U	0.718		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*4-Chloroaniline	U	0.566		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*2-Chloronaphthalene	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*2-Chlorophenol	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*4-Chlorophenyl phenyl ether	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Chrysene	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Di-n-butyl phthalate	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Di-n-octyl phthalate	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Dibenz(a,h)anthracene	U	0.0647		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Dibenzofuran	U	1.79		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*1,2-Dichlorobenzene	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*1,3-Dichlorobenzene	U	0.108		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*1,4-Dichlorobenzene	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*3,3'-Dichlorobenzidine	U	0.00539		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*2,4-Dichlorophenol	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Diethyl phthalate	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Dimethyl phthalate	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*2,4-Dimethylphenol	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*4,6-Dinitro-2-methylphenol	U	0.0244	M	mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*2,4-Dinitrophenol	U	0.108		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*2,4-Dinitrotoluene	U	0.108		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*2,6-Dinitrotoluene	U	0.108		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Fluoranthene	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Fluorene	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Hexachlorobenzene	U	0.108		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Hexachlorobutadiene	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Hexachlorocyclopentadiene	U	0.718		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Hexachloroethane	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Indeno(1,2,3-cd)pyrene	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Isophorone	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*2-Methylnaphthalene	0.749	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*2-Methylphenol	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
3 & 4-Methylphenol	U	0.108		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Naphthalene	0.468	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*2-Nitroaniline	U	0.108		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*3-Nitroaniline	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*4-Nitroaniline	U	0.0647		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Nitrobenzene	U	0.0647		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*2-Nitrophenol	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*4-Nitrophenol	U	1.79		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*N-Nitroso-di-n-propylamine	U	0.000643	M	mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*N-Nitrosodiphenylamine	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Pentachlorophenol	U	0.0108		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Phenanthrene	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34518-SB6 @ 24-25
 Collection Date: 9/17/15 10:25

Lab Order: 15I0384
 Lab ID: 15I0384-05
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Phenol	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*Pyrene	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*1,2,4-Trichlorobenzene	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*2,4,5-Trichlorophenol	U	0.359		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
*2,4,6-Trichlorophenol	U	0.108		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
Surrogate: 2-Fluorobiphenyl		65 %		40-120		9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
Surrogate: 2-Fluorophenol		53 %		20-115		9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
Surrogate: Nitrobenzene-d5		131 %		45-135		9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
Surrogate: Phenol-d6		107 % S2		20-100		9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
Surrogate: 4-Terphenyl-d14		68 %		60-130		9/18/15 15:09	9/23/15 1:16	SW8270C	JKA
Surrogate: 2,4,6-Tribromophenol		46 %		30-100		9/18/15 15:09	9/23/15 1:16	SW8270C	JKA

Polychlorinated Biphenyls by GC-ECD

*Aroclor 1016	U	0.0366		mg/Kg dry	1	9/18/15 15:11	9/18/15 19:43	SW8082	AJD
*Aroclor 1221	U	0.0366		mg/Kg dry	1	9/18/15 15:11	9/18/15 19:43	SW8082	AJD
*Aroclor 1232	U	0.0366		mg/Kg dry	1	9/18/15 15:11	9/18/15 19:43	SW8082	AJD
*Aroclor 1242	U	0.0366		mg/Kg dry	1	9/18/15 15:11	9/18/15 19:43	SW8082	AJD
*Aroclor 1248	U	0.0366		mg/Kg dry	1	9/18/15 15:11	9/18/15 19:43	SW8082	AJD
*Aroclor 1254	U	0.0366		mg/Kg dry	1	9/18/15 15:11	9/18/15 19:43	SW8082	AJD
*Aroclor 1260	U	0.0366		mg/Kg dry	1	9/18/15 15:11	9/18/15 19:43	SW8082	AJD
Surrogate: Decachlorobiphenyl		104 %		60-140		9/18/15 15:11	9/18/15 19:43	SW8082	AJD
Surrogate: Tetrachloro-m-xylene		62 %		60-140		9/18/15 15:11	9/18/15 19:43	SW8082	AJD

Metals by ICP-MS

*Mercury	U	0.0890		mg/Kg dry	2	9/18/15 13:28	9/21/15 22:01	SW6020A	CCD
*Selenium	U	0.557		mg/Kg dry	2	9/18/15 13:28	9/21/15 22:01	SW6020A	CCD
*Silver	U	0.557		mg/Kg dry	2	9/18/15 13:28	9/21/15 22:01	SW6020A	CCD

Metals by ICP

*Arsenic	3.97	0.557		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:43	SW6010B	JTC
*Barium	33.9	0.278		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:43	SW6010B	JTC
*Cadmium	0.346	0.278		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:43	SW6010B	JTC
*Chromium	12.9	0.278		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:43	SW6010B	JTC
*Lead	7.75	0.278		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:43	SW6010B	JTC

Conventional Chemistry Parameters

*pH	8.3	0.010		pH Units	1	9/22/15 12:12	9/22/15 15:18	SW9045C	DMS
Percent Solids	88.5	0.100		%	1	9/22/15 10:36	9/23/15 9:42	ASTM D2974	KSH

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34519-SB8 @ 2-3
 Collection Date: 9/17/15 11:05

Lab Order: 15I0384
 Lab ID: 15I0384-06
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Volatile Organic Compounds by GC-MS									
*Acetone	U	0.0444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*Benzene	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*Bromodichloromethane	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*Bromoform	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*Bromomethane	U	0.00888		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*2-Butanone	U	0.00888		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*Carbon disulfide	U	0.00888		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*Carbon tetrachloride	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*Chlorobenzene	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*Chloroethane	U	0.00888		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*Chloroform	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*Chloromethane	U	0.00888		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*Dibromochloromethane	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*1,1-Dichloroethane	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*1,2-Dichloroethane	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*1,1-Dichloroethene	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*cis-1,2-Dichloroethene	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*trans-1,2-Dichloroethene	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*1,2-Dichloropropane	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*cis-1,3-Dichloropropene	U	0.00266		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*trans-1,3-Dichloropropene	U	0.00266		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*Ethylbenzene	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*2-Hexanone	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*Methyl tert-butyl ether	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*4-Methyl-2-pentanone	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*Methylene chloride	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*Styrene	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*1,1,2,2-Tetrachloroethane	U	0.00178		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*Tetrachloroethene	0.0283	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*Toluene	0.00507	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*1,1,1-Trichloroethane	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*1,1,2-Trichloroethane	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*Trichloroethene	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*Vinyl chloride	U	0.00444		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
*Xylenes (total)	U	0.0133		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
Surrogate: 4-Bromofluorobenzene		92 %		75-120		9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
Surrogate: 1,2-Dichloroethane-d4		102 %		75-119		9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS
Surrogate: Toluene-d8		92 %		78-114		9/28/15 13:02	9/28/15 19:00	SW8260B Re	JLS

Semi-Volatile Organic Compounds by GC-MS

*Acenaphthene	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Acenaphthylene	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Anthracene	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Benzo(a)anthracene	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Benzo(b)fluoranthene	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Benzo(k)fluoranthene	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Benzo(g,h,i)perylene	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Benzo(a)pyrene	U	0.0674		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Bis(2-chloroethoxy)methane	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34519-SB8 @ 2-3
 Collection Date: 9/17/15 11:05

Lab Order: 15I0384
 Lab ID: 15I0384-06
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Bis(2-chloroethyl)ether	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Bis(2-chloroisopropyl)ether	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Bis(2-ethylhexyl)phthalate	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*4-Bromophenyl phenyl ether	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Butyl benzyl phthalate	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Carbazole	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*4-Chloro-3-methylphenol	U	0.748		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*4-Chloroaniline	U	0.590		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*2-Chloronaphthalene	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*2-Chlorophenol	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*4-Chlorophenyl phenyl ether	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Chrysene	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Di-n-butyl phthalate	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Di-n-octyl phthalate	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Dibenz(a,h)anthracene	U	0.0674		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Dibenzofuran	U	1.87		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*1,2-Dichlorobenzene	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*1,3-Dichlorobenzene	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*1,4-Dichlorobenzene	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*3,3'-Dichlorobenzidine	U	0.00562		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*2,4-Dichlorophenol	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Diethyl phthalate	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Dimethyl phthalate	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*2,4-Dimethylphenol	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*4,6-Dinitro-2-methylphenol	U	0.0255	M	mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*2,4-Dinitrophenol	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*2,4-Dinitrotoluene	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*2,6-Dinitrotoluene	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Fluoranthene	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Fluorene	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Hexachlorobenzene	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Hexachlorobutadiene	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Hexachlorocyclopentadiene	U	0.748		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Hexachloroethane	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Indeno(1,2,3-cd)pyrene	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Isophorone	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*2-Methylnaphthalene	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*2-Methylphenol	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
3 & 4-Methylphenol	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Naphthalene	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*2-Nitroaniline	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*3-Nitroaniline	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*4-Nitroaniline	U	0.0674		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Nitrobenzene	U	0.0674		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*2-Nitrophenol	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*4-Nitrophenol	U	1.87		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*N-Nitroso-di-n-propylamine	U	0.000670	M	mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*N-Nitrosodiphenylamine	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Pentachlorophenol	U	0.0112		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Phenanthrene	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34519-SB8 @ 2-3
 Collection Date: 9/17/15 11:05

Lab Order: 15I0384
 Lab ID: 15I0384-06
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Phenol	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*Pyrene	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*1,2,4-Trichlorobenzene	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*2,4,5-Trichlorophenol	U	0.374		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
*2,4,6-Trichlorophenol	U	0.112		mg/Kg dry	1	9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
Surrogate: 2-Fluorobiphenyl		63 %		40-120		9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
Surrogate: 2-Fluorophenol		43 %		20-115		9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
Surrogate: Nitrobenzene-d5		62 %		45-135		9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
Surrogate: Phenol-d6		43 %		20-100		9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
Surrogate: 4-Terphenyl-d14		77 %		60-130		9/18/15 15:09	9/23/15 1:46	SW8270C	JKA
Surrogate: 2,4,6-Tribromophenol		38 %		30-100		9/18/15 15:09	9/23/15 1:46	SW8270C	JKA

Polychlorinated Biphenyls by GC-ECD

*Aroclor 1016	U	0.0371		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:01	SW8082	AJD
*Aroclor 1221	U	0.0371		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:01	SW8082	AJD
*Aroclor 1232	U	0.0371		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:01	SW8082	AJD
*Aroclor 1242	U	0.0371		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:01	SW8082	AJD
*Aroclor 1248	U	0.0371		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:01	SW8082	AJD
*Aroclor 1254	U	0.0371		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:01	SW8082	AJD
*Aroclor 1260	U	0.0371		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:01	SW8082	AJD
Surrogate: Decachlorobiphenyl		108 %		60-140		9/18/15 15:11	9/18/15 20:01	SW8082	AJD
Surrogate: Tetrachloro-m-xylene		63 %		60-140		9/18/15 15:11	9/18/15 20:01	SW8082	AJD

Metals by ICP-MS

*Mercury	U	0.0827		mg/Kg dry	2	9/18/15 13:28	9/21/15 22:23	SW6020A	CCD
*Selenium	U	0.517		mg/Kg dry	2	9/18/15 13:28	9/21/15 22:23	SW6020A	CCD
*Silver	U	0.517		mg/Kg dry	2	9/18/15 13:28	9/21/15 22:23	SW6020A	CCD

Metals by ICP

*Arsenic	5.43	0.517		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:49	SW6010B	JTC
*Barium	30.4	0.258		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:49	SW6010B	JTC
*Cadmium	0.413	0.258		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:49	SW6010B	JTC
*Chromium	16.4	0.258		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:49	SW6010B	JTC
*Lead	9.28	0.258		mg/Kg dry	1	9/18/15 9:32	9/20/15 6:49	SW6010B	JTC

Conventional Chemistry Parameters

*pH	8.3	0.010		pH Units	1	9/22/15 12:12	9/22/15 15:18	SW9045C	DMS
Percent Solids	88.4	0.100		%	1	9/22/15 10:36	9/23/15 9:42	ASTM D2974	KSH

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34520-SB1 @ 20-21
 Collection Date: 9/17/15 11:45

Lab Order: 15I0384
 Lab ID: 15I0384-07
 Matrix: Solid

Analytes	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Volatile Organic Compounds by GC-MS									
*Acetone	U	0.236	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*Benzene	U	0.0448	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*Bromodichloromethane	U	0.0790	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*Bromoform	U	0.0718	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*Bromomethane	U	0.0799	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*2-Butanone	U	0.464	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*Carbon disulfide	U	0.0959	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*Carbon tetrachloride	U	0.0910	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*Chlorobenzene	U	0.0506	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*Chloroethane	U	0.117	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*Chloroform	U	0.185	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*Chloromethane	U	0.188	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*Dibromochloromethane	U	0.0532	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*1,1-Dichloroethane	U	0.121	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*1,2-Dichloroethane	U	0.0844	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*1,1-Dichloroethene	U	0.0954	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*cis-1,2-Dichloroethene	U	0.287	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*trans-1,2-Dichloroethene	U	0.0974	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*1,2-Dichloropropane	U	0.0621	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*cis-1,3-Dichloropropene	U	0.0895	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*trans-1,3-Dichloropropene	U	0.0420	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*Ethylbenzene	9.60	0.306		mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*2-Hexanone	U	0.0784	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*Methyl tert-butyl ether	U	0.0839	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*4-Methyl-2-pentanone	U	0.0843	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*Methylene chloride	U	0.130	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*Styrene	U	0.0727	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*1,1,2,2-Tetrachloroethane	U	0.0646	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*Tetrachloroethene	U	0.0556	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*Toluene	U	0.0927	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*1,1,1-Trichloroethane	U	0.0957	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*1,1,2-Trichloroethane	U	0.0444	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*Trichloroethene	U	0.0619	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*Vinyl chloride	U	0.0867	M	mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
*Xylenes (total)	22.4	0.919		mg/Kg dry	50	9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
Surrogate: 4-Bromofluorobenzene		89 %		75-120		9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
Surrogate: 1,2-Dichloroethane-d4		103 %		75-119		9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS
Surrogate: Toluene-d8		99 %		78-114		9/28/15 13:02	9/28/15 23:56	SW8260B Re	JLS

Semi-Volatile Organic Compounds by GC-MS

*Acenaphthene	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Acenaphthylene	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Anthracene	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Benzo(a)anthracene	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Benzo(b)fluoranthene	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Benzo(k)fluoranthene	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Benzo(g,h,i)perylene	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Benzo(a)pyrene	U	0.0723		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Bis(2-chloroethoxy)methane	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34520-SB1 @ 20-21
 Collection Date: 9/17/15 11:45

Lab Order: 15I0384
 Lab ID: 15I0384-07
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Bis(2-chloroethyl)ether	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Bis(2-chloroisopropyl)ether	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Bis(2-ethylhexyl)phthalate	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*4-Bromophenyl phenyl ether	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Butyl benzyl phthalate	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Carbazole	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*4-Chloro-3-methylphenol	U	0.802		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*4-Chloroaniline	U	0.633		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*2-Chloronaphthalene	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*2-Chlorophenol	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*4-Chlorophenyl phenyl ether	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Chrysene	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Di-n-butyl phthalate	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Di-n-octyl phthalate	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Dibenz(a,h)anthracene	U	0.0723		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Dibenzofuran	U	2.01		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*1,2-Dichlorobenzene	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*1,3-Dichlorobenzene	U	0.120		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*1,4-Dichlorobenzene	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*3,3'-Dichlorobenzidine	U	0.00602		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*2,4-Dichlorophenol	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Diethyl phthalate	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Dimethyl phthalate	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*2,4-Dimethylphenol	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*4,6-Dinitro-2-methylphenol	U	0.0273	M	mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*2,4-Dinitrophenol	U	0.120		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*2,4-Dinitrotoluene	U	0.120		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*2,6-Dinitrotoluene	U	0.120		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Fluoranthene	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Fluorene	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Hexachlorobenzene	U	0.120		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Hexachlorobutadiene	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Hexachlorocyclopentadiene	U	0.802		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Hexachloroethane	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Indeno(1,2,3-cd)pyrene	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Isophorone	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*2-Methylnaphthalene	5.04	2.01		mg/Kg dry	5	9/18/15 15:09	9/23/15 20:16	SW8270C	JKA
*2-Methylphenol	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
3 & 4-Methylphenol	U	0.120		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Naphthalene	6.78	2.01		mg/Kg dry	5	9/18/15 15:09	9/23/15 20:16	SW8270C	JKA
*2-Nitroaniline	U	0.120		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*3-Nitroaniline	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*4-Nitroaniline	U	0.0723		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Nitrobenzene	U	0.0723		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*2-Nitrophenol	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*4-Nitrophenol	U	2.01		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*N-Nitroso-di-n-propylamine	U	0.000719	M	mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*N-Nitrosodiphenylamine	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Pentachlorophenol	U	0.0120		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Phenanthrene	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34520-SB1 @ 20-21
 Collection Date: 9/17/15 11:45

Lab Order: 15I0384
 Lab ID: 15I0384-07
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Phenol	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*Pyrene	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*1,2,4-Trichlorobenzene	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*2,4,5-Trichlorophenol	U	0.401		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
*2,4,6-Trichlorophenol	U	0.120		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
Surrogate: 2-Fluorobiphenyl		48 %		40-120		9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
Surrogate: 2-Fluorobiphenyl		65 %		40-120		9/18/15 15:09	9/23/15 20:16	SW8270C	JKA
Surrogate: 2-Fluorophenol		50 %		20-115		9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
Surrogate: 2-Fluorophenol		45 %		20-115		9/18/15 15:09	9/23/15 20:16	SW8270C	JKA
Surrogate: Nitrobenzene-d5		182 % I		45-135		9/18/15 15:09	9/23/15 20:16	SW8270C	JKA
Surrogate: Nitrobenzene-d5		155 % C1, I		45-135		9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
Surrogate: Phenol-d6		255 % I		20-100		9/18/15 15:09	9/23/15 20:16	SW8270C	JKA
Surrogate: Phenol-d6		56 %		20-100		9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
Surrogate: 4-Terphenyl-d14		96 %		60-130		9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
Surrogate: 4-Terphenyl-d14		80 %		60-130		9/18/15 15:09	9/23/15 20:16	SW8270C	JKA
Surrogate: 2,4,6-Tribromophenol		64 %		30-100		9/18/15 15:09	9/23/15 2:16	SW8270C	JKA
Surrogate: 2,4,6-Tribromophenol		39 %		30-100		9/18/15 15:09	9/23/15 20:16	SW8270C	JKA

Polychlorinated Biphenyls by GC-ECD

*Aroclor 1016	U	0.0404		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:19	SW8082	AJD
*Aroclor 1221	U	0.0404		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:19	SW8082	AJD
*Aroclor 1232	U	0.0404		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:19	SW8082	AJD
*Aroclor 1242	U	0.0404		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:19	SW8082	AJD
*Aroclor 1248	U	0.0404		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:19	SW8082	AJD
*Aroclor 1254	U	0.0404		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:19	SW8082	AJD
*Aroclor 1260	U	0.0404		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:19	SW8082	AJD
Surrogate: Decachlorobiphenyl		102 %		60-140		9/18/15 15:11	9/18/15 20:19	SW8082	AJD
Surrogate: Tetrachloro-m-xylene		50 % S		60-140		9/18/15 15:11	9/18/15 20:19	SW8082	AJD

Metals by ICP-MS

*Mercury	U	0.0933		mg/Kg dry	2	9/18/15 13:28	9/21/15 22:28	SW6020A	CCD
*Selenium	U	0.583		mg/Kg dry	2	9/18/15 13:28	9/21/15 22:28	SW6020A	CCD
*Silver	U	0.583		mg/Kg dry	2	9/18/15 13:28	9/21/15 22:28	SW6020A	CCD

Metals by ICP

*Arsenic	4.17	0.583		mg/Kg dry	1	9/18/15 9:32	9/20/15 7:11	SW6010B	JTC
*Barium	12.9	0.292		mg/Kg dry	1	9/18/15 9:32	9/20/15 7:11	SW6010B	JTC
*Cadmium	U	0.292		mg/Kg dry	1	9/18/15 9:32	9/20/15 7:11	SW6010B	JTC
*Chromium	7.01	0.292		mg/Kg dry	1	9/18/15 9:32	9/20/15 7:11	SW6010B	JTC
*Lead	9.42	0.292		mg/Kg dry	1	9/18/15 9:32	9/20/15 7:11	SW6010B	JTC

Conventional Chemistry Parameters

*pH	7.7	0.010		pH Units	1	9/22/15 12:12	9/22/15 15:18	SW9045C	DMS
Percent Solids	81.6	0.100		%	1	9/22/15 10:36	9/23/15 9:42	ASTM D2974	KSH

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34521-SB2 @ 2-3
 Collection Date: 9/17/15 12:35

Lab Order: 15I0384
 Lab ID: 15I0384-08
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Volatile Organic Compounds by GC-MS									
*Acetone	U	0.0532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*Benzene	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*Bromodichloromethane	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*Bromoform	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*Bromomethane	U	0.0106		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*2-Butanone	U	0.0106		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*Carbon disulfide	U	0.0106		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*Carbon tetrachloride	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*Chlorobenzene	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*Chloroethane	U	0.0106		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*Chloroform	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*Chloromethane	U	0.0106		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*Dibromochloromethane	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*1,1-Dichloroethane	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*1,2-Dichloroethane	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*1,1,1-Trichloroethane	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*cis-1,2-Dichloroethane	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*trans-1,2-Dichloroethane	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*1,2-Dichloropropane	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*cis-1,3-Dichloropropene	U	0.00319		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*trans-1,3-Dichloropropene	U	0.00319		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*Ethylbenzene	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*2-Hexanone	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*Methyl tert-butyl ether	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*4-Methyl-2-pentanone	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*Methylene chloride	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*Styrene	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*1,1,2,2-Tetrachloroethane	U	0.00213		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*Tetrachloroethene	0.00974	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*Toluene	0.0130	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*1,1,1-Trichloroethane	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*1,1,2-Trichloroethane	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*Trichloroethene	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*Vinyl chloride	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*Xylenes (total)	U	0.0160		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
Surrogate: 4-Bromofluorobenzene		92 %		75-120		9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
Surrogate: 1,2-Dichloroethane-d4		103 %		75-119		9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
Surrogate: Toluene-d8		92 %		78-114		9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS

Semi-Volatile Organic Compounds by GC-MS

*Acenaphthene	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Acenaphthylene	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Anthracene	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Benzo(a)anthracene	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Benzo(b)fluoranthene	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Benzo(k)fluoranthene	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Benzo(g,h,i)perylene	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Benzo(a)pyrene	U	0.0638		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Bis(2-chloroethoxy)methane	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34521-SB2 @ 2-3
 Collection Date: 9/17/15 12:35

Lab Order: 15I0384
 Lab ID: 15I0384-08
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Bis(2-chloroethyl)ether	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Bis(2-chloroisopropyl)ether	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Bis(2-ethylhexyl)phthalate	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*4-Bromophenyl phenyl ether	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Butyl benzyl phthalate	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Carbazole	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*4-Chloro-3-methylphenol	U	0.708		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*4-Chloroaniline	U	0.558		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*2-Chloronaphthalene	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*2-Chlorophenol	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*4-Chlorophenyl phenyl ether	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Chrysene	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Di-n-butyl phthalate	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Di-n-octyl phthalate	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Dibenz(a,h)anthracene	U	0.0638		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Dibenzofuran	U	1.77		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*1,2-Dichlorobenzene	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*1,3-Dichlorobenzene	U	0.106		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*1,4-Dichlorobenzene	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*3,3'-Dichlorobenzidine	U	0.00531		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*2,4-Dichlorophenol	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Diethyl phthalate	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Dimethyl phthalate	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*2,4-Dimethylphenol	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*4,6-Dinitro-2-methylphenol	U	0.0241	M	mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*2,4-Dinitrophenol	U	0.106		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*2,4-Dinitrotoluene	U	0.106		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*2,6-Dinitrotoluene	U	0.106		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Fluoranthene	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Fluorene	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Hexachlorobenzene	U	0.106		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Hexachlorobutadiene	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Hexachlorocyclopentadiene	U	0.708		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Hexachloroethane	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Indeno(1,2,3-cd)pyrene	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Isophorone	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*2-Methylnaphthalene	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*2-Methylphenol	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
3 & 4-Methylphenol	U	0.106		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Naphthalene	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*2-Nitroaniline	U	0.106		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*3-Nitroaniline	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*4-Nitroaniline	U	0.0638		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Nitrobenzene	U	0.0638		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*2-Nitrophenol	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*4-Nitrophenol	U	1.77		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*N-Nitroso-di-n-propylamine	U	0.000634	M	mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*N-Nitrosodiphenylamine	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Pentachlorophenol	U	0.0106		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Phenanthrene	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34521-SB2 @ 2-3
 Collection Date: 9/17/15 12:35

Lab Order: 15I0384
 Lab ID: 15I0384-08
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Phenol	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*Pyrene	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*1,2,4-Trichlorobenzene	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*2,4,5-Trichlorophenol	U	0.354		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
*2,4,6-Trichlorophenol	U	0.106		mg/Kg dry	1	9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
Surrogate: 2-Fluorobiphenyl		69 %		40-120		9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
Surrogate: 2-Fluorophenol		47 %		20-115		9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
Surrogate: Nitrobenzene-d5		72 %		45-135		9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
Surrogate: Phenol-d6		46 %		20-100		9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
Surrogate: 4-Terphenyl-d14		76 %		60-130		9/18/15 15:09	9/23/15 2:46	SW8270C	JKA
Surrogate: 2,4,6-Tribromophenol		41 %		30-100		9/18/15 15:09	9/23/15 2:46	SW8270C	JKA

Polychlorinated Biphenyls by GC-ECD

*Aroclor 1016	U	0.0366		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:37	SW8082	AJD
*Aroclor 1221	U	0.0366		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:37	SW8082	AJD
*Aroclor 1232	U	0.0366		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:37	SW8082	AJD
*Aroclor 1242	U	0.0366		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:37	SW8082	AJD
*Aroclor 1248	U	0.0366		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:37	SW8082	AJD
*Aroclor 1254	U	0.0366		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:37	SW8082	AJD
*Aroclor 1260	U	0.0366		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:37	SW8082	AJD
Surrogate: Decachlorobiphenyl		104 %		60-140		9/18/15 15:11	9/18/15 20:37	SW8082	AJD
Surrogate: Tetrachloro-m-xylene		54 % S		60-140		9/18/15 15:11	9/18/15 20:37	SW8082	AJD

Metals by ICP-MS

*Mercury	U	0.0884		mg/Kg dry	2	9/18/15 13:28	9/21/15 22:33	SW6020A	CCD
*Selenium	U	0.552		mg/Kg dry	2	9/18/15 13:28	9/21/15 22:33	SW6020A	CCD
*Silver	U	0.552		mg/Kg dry	2	9/18/15 13:28	9/21/15 22:33	SW6020A	CCD

Metals by ICP

*Arsenic	7.90	0.552		mg/Kg dry	1	9/18/15 9:32	9/20/15 7:17	SW6010B	JTC
*Barium	42.1	0.276		mg/Kg dry	1	9/18/15 9:32	9/20/15 7:17	SW6010B	JTC
*Cadmium	0.912	0.276		mg/Kg dry	1	9/18/15 9:32	9/20/15 7:17	SW6010B	JTC
*Chromium	13.9	0.276		mg/Kg dry	1	9/18/15 9:32	9/20/15 7:17	SW6010B	JTC
*Lead	63.2	0.276		mg/Kg dry	1	9/18/15 9:32	9/20/15 7:17	SW6010B	JTC

Conventional Chemistry Parameters

*pH	8.8	0.010		pH Units	1	9/22/15 12:12	9/22/15 15:18	SW9045C	DMS
Percent Solids	90.2	0.100		%	1	9/22/15 10:36	9/23/15 9:42	ASTM D2974	KSH

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34522-SB2 @ 21-22
 Collection Date: 9/17/15 12:40

Lab Order: 15I0384
 Lab ID: 15I0384-09
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Volatile Organic Compounds by GC-MS									
*Acetone	U	0.0508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*Benzene	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*Bromodichloromethane	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*Bromoform	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*Bromomethane	U	0.0102		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*2-Butanone	U	0.0102		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*Carbon disulfide	U	0.0102		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*Carbon tetrachloride	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*Chlorobenzene	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*Chloroethane	U	0.0102		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*Chloroform	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*Chloromethane	U	0.0102		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*Dibromochloromethane	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*1,1-Dichloroethane	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*1,2-Dichloroethane	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*1,1,1-Dichloroethene	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*cis-1,2-Dichloroethene	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*trans-1,2-Dichloroethene	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*1,2-Dichloropropane	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*cis-1,3-Dichloropropene	U	0.00305		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*trans-1,3-Dichloropropene	U	0.00305		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*Ethylbenzene	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*2-Hexanone	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*Methyl tert-butyl ether	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*4-Methyl-2-pentanone	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*Methylene chloride	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*Styrene	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*1,1,2,2-Tetrachloroethane	U	0.00203		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*Tetrachloroethene	0.100	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*Toluene	0.00587	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*1,1,1-Trichloroethane	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*1,1,2-Trichloroethane	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*Trichloroethene	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*Vinyl chloride	U	0.00508		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
*Xylenes (total)	U	0.0152		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
Surrogate: 4-Bromofluorobenzene		94 %		75-120		9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
Surrogate: 1,2-Dichloroethane-d4		102 %		75-119		9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS
Surrogate: Toluene-d8		91 %		78-114		9/28/15 13:02	9/28/15 19:59	SW8260B Re	JLS

Semi-Volatile Organic Compounds by GC-MS

*Acenaphthene	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Acenaphthylene	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Anthracene	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Benzo(a)anthracene	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Benzo(b)fluoranthene	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Benzo(k)fluoranthene	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Benzo(g,h,i)perylene	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Benzo(a)pyrene	U	0.0657		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Bis(2-chloroethoxy)methane	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34522-SB2 @ 21-22
 Collection Date: 9/17/15 12:40

Lab Order: 15I0384
 Lab ID: 15I0384-09
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Bis(2-chloroethyl)ether	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Bis(2-chloroisopropyl)ether	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Bis(2-ethylhexyl)phthalate	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*4-Bromophenyl phenyl ether	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Butyl benzyl phthalate	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Carbazole	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*4-Chloro-3-methylphenol	U	0.730		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*4-Chloroaniline	U	0.575		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*2-Chloronaphthalene	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*2-Chlorophenol	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*4-Chlorophenyl phenyl ether	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Chrysene	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Di-n-butyl phthalate	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Di-n-octyl phthalate	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Dibenz(a,h)anthracene	U	0.0657		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Dibenzofuran	U	1.82		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*1,2-Dichlorobenzene	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*1,3-Dichlorobenzene	U	0.110		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*1,4-Dichlorobenzene	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*3,3'-Dichlorobenzidine	U	0.00548		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*2,4-Dichlorophenol	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Diethyl phthalate	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Dimethyl phthalate	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*2,4-Dimethylphenol	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*4,6-Dinitro-2-methylphenol	U	0.0248	M	mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*2,4-Dinitrophenol	U	0.110		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*2,4-Dinitrotoluene	U	0.110		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*2,6-Dinitrotoluene	U	0.110		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Fluoranthene	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Fluorene	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Hexachlorobenzene	U	0.110		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Hexachlorobutadiene	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Hexachlorocyclopentadiene	U	0.730		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Hexachloroethane	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Indeno(1,2,3-cd)pyrene	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Isophorone	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*2-Methylnaphthalene	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*2-Methylphenol	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
3 & 4-Methylphenol	U	0.110		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Naphthalene	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*2-Nitroaniline	U	0.110		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*3-Nitroaniline	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*4-Nitroaniline	U	0.0657		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Nitrobenzene	U	0.0657		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*2-Nitrophenol	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*4-Nitrophenol	U	1.82		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*N-Nitroso-di-n-propylamine	U	0.000653	M	mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*N-Nitrosodiphenylamine	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Pentachlorophenol	U	0.0110		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Phenanthrene	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: 34522-SB2 @ 21-22
 Collection Date: 9/17/15 12:40

Lab Order: 15I0384
 Lab ID: 15I0384-09
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Phenol	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*Pyrene	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*1,2,4-Trichlorobenzene	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*2,4,5-Trichlorophenol	U	0.365		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
*2,4,6-Trichlorophenol	U	0.110		mg/Kg dry	1	9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
Surrogate: 2-Fluorobiphenyl		65 %		40-120		9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
Surrogate: 2-Fluorophenol		47 %		20-115		9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
Surrogate: Nitrobenzene-d5		70 %		45-135		9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
Surrogate: Phenol-d6		47 %		20-100		9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
Surrogate: 4-Terphenyl-d14		75 %		60-130		9/18/15 15:09	9/23/15 3:17	SW8270C	JKA
Surrogate: 2,4,6-Tribromophenol		41 %		30-100		9/18/15 15:09	9/23/15 3:17	SW8270C	JKA

Polychlorinated Biphenyls by GC-ECD

*Aroclor 1016	U	0.0369		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:55	SW8082	AJD
*Aroclor 1221	U	0.0369		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:55	SW8082	AJD
*Aroclor 1232	U	0.0369		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:55	SW8082	AJD
*Aroclor 1242	U	0.0369		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:55	SW8082	AJD
*Aroclor 1248	U	0.0369		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:55	SW8082	AJD
*Aroclor 1254	U	0.0369		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:55	SW8082	AJD
*Aroclor 1260	U	0.0369		mg/Kg dry	1	9/18/15 15:11	9/18/15 20:55	SW8082	AJD
Surrogate: Decachlorobiphenyl		102 %		60-140		9/18/15 15:11	9/18/15 20:55	SW8082	AJD
Surrogate: Tetrachloro-m-xylene		62 %		60-140		9/18/15 15:11	9/18/15 20:55	SW8082	AJD

Metals by ICP-MS

*Mercury	U	0.0864		mg/Kg dry	2	9/18/15 13:28	9/21/15 22:39	SW6020A	CCD
*Selenium	U	0.540		mg/Kg dry	2	9/18/15 13:28	9/21/15 22:39	SW6020A	CCD
*Silver	U	0.540		mg/Kg dry	2	9/18/15 13:28	9/21/15 22:39	SW6020A	CCD

Metals by ICP

*Arsenic	4.42	0.540		mg/Kg dry	1	9/18/15 9:32	9/20/15 7:23	SW6010B	JTC
*Barium	19.0	0.270		mg/Kg dry	1	9/18/15 9:32	9/20/15 7:23	SW6010B	JTC
*Cadmium	U	0.270		mg/Kg dry	1	9/18/15 9:32	9/20/15 7:23	SW6010B	JTC
*Chromium	9.85	0.270		mg/Kg dry	1	9/18/15 9:32	9/20/15 7:23	SW6010B	JTC
*Lead	7.01	0.270		mg/Kg dry	1	9/18/15 9:32	9/20/15 7:23	SW6010B	JTC

Conventional Chemistry Parameters

*pH	8.3	0.010		pH Units	1	9/22/15 12:12	9/22/15 15:18	SW9045C	DMS
Percent Solids	88.9	0.100		%	1	9/22/15 10:36	9/23/15 9:42	ASTM D2974	KSH

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: Pres Blank
 Collection Date: 9/17/15 14:00

Lab Order: 1510384
 Lab ID: 1510384-10
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Volatile Organic Compounds by GC-MS									
*Acetone	U	0.0500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*Benzene	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*Bromodichloromethane	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*Bromoform	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*Bromomethane	U	0.0100		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*2-Butanone	U	0.0100		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*Carbon disulfide	U	0.0100		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*Carbon tetrachloride	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*Chlorobenzene	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*Chloroethane	U	0.0100		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*Chloroform	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*Chloromethane	U	0.0100		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*Dibromochloromethane	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*1,1-Dichloroethane	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*1,2-Dichloroethane	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*1,1-Dichloroethene	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*cis-1,2-Dichloroethene	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*trans-1,2-Dichloroethene	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*1,2-Dichloropropane	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*cis-1,3-Dichloropropene	U	0.00300		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*trans-1,3-Dichloropropene	U	0.00300		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*Ethylbenzene	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*2-Hexanone	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*Methyl tert-butyl ether	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*4-Methyl-2-pentanone	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*Methylene chloride	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*Styrene	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*1,1,2,2-Tetrachloroethane	U	0.00200		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*Tetrachloroethene	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*Toluene	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*1,1,1-Trichloroethane	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*1,1,2-Trichloroethane	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*Trichloroethene	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*Vinyl chloride	U	0.00500		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
*Xylenes (total)	U	0.0150		mg/Kg wet	1	9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
Surrogate: 4-Bromofluorobenzene		97 %		75-120		9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
Surrogate: 1,2-Dichloroethane-d4		106 %		75-119		9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS
Surrogate: Toluene-d8		94 %		78-114		9/28/15 13:02	9/28/15 18:31	SW8260B Re	JLS

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL
 Client Sample ID: Trip Blank
 Collection Date: 9/17/15 14:00

Lab Order: 15I0384
 Lab ID: 15I0384-11
 Matrix: Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Volatile Organic Compounds by GC-MS									
*Acetone	U	0.0500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*Benzene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*Bromodichloromethane	U	0.000200		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*Bromoform	U	0.00100		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*Bromomethane	U	0.00980		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*2-Butanone	U	0.0100		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*Carbon disulfide	U	0.0100		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*Carbon tetrachloride	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*Chlorobenzene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*Chloroethane	U	0.0100		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*Chloroform	U	0.000200		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*Chloromethane	U	0.0100		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*Dibromochloromethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*1,1-Dichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*1,2-Dichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*1,1,1-Dichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*cis-1,2-Dichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*trans-1,2-Dichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*1,2-Dichloropropane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*cis-1,3-Dichloropropene	U	0.00100		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*trans-1,3-Dichloropropene	U	0.00100		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*Ethylbenzene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*2-Hexanone	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*Methyl tert-butyl ether	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*4-Methyl-2-pentanone	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*Methylene chloride	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*Styrene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*1,1,2,2-Tetrachloroethane	U	0.00300		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*Tetrachloroethene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*Toluene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*1,1,1-Trichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*1,1,2-Trichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*Trichloroethene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*Vinyl chloride	U	0.00200		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*Xylenes (total)	U	0.0150		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
Surrogate: 4-Bromofluorobenzene		85 %		67-133		9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
Surrogate: 1,2-Dichloroethane-d4		86 %		85-125		9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
Surrogate: Toluene-d8		88 %		81-116		9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC

Project: 12-129H A03M Tick Properties Decatur, IL

Lab Order: 1510384

Volatile Organic Compounds by GC-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch Y005254 - SW 5030B VOA

Blank (Y005254-BLK1)

Prepared & Analyzed: 09/25/2015

Acetone	U	0.0500	mg/L							
Benzene	U	0.00500	mg/L							
Bromodichloromethane	U	0.000200	mg/L							
Bromoform	U	0.00100	mg/L							
Bromomethane	U	0.00980	mg/L							
2-Butanone	U	0.0100	mg/L							
Carbon disulfide	U	0.0100	mg/L							
Carbon tetrachloride	U	0.00500	mg/L							
Chlorobenzene	U	0.00500	mg/L							
Chloroethane	U	0.0100	mg/L							
Chloroform	U	0.000200	mg/L							
Chloromethane	U	0.0100	mg/L							
Dibromochloromethane	U	0.00500	mg/L							
1,1-Dichloroethane	U	0.00500	mg/L							
1,2-Dichloroethane	U	0.00500	mg/L							
1,1-Dichloroethene	U	0.00500	mg/L							
cis-1,2-Dichloroethene	U	0.00500	mg/L							
trans-1,2-Dichloroethene	U	0.00500	mg/L							
1,2-Dichloropropane	U	0.00500	mg/L							
cis-1,3-Dichloropropene	U	0.00100	mg/L							
trans-1,3-Dichloropropene	U	0.00100	mg/L							
Ethylbenzene	U	0.00500	mg/L							
2-Hexanone	U	0.00500	mg/L							
Methyl tert-butyl ether	U	0.00500	mg/L							
4-Methyl-2-pentanone	U	0.00500	mg/L							
Methylene chloride	U	0.00500	mg/L							
Styrene	U	0.00500	mg/L							
1,1,2,2-Tetrachloroethane	U	0.00300	mg/L							
Tetrachloroethene	U	0.00500	mg/L							
Toluene	U	0.00500	mg/L							
1,1,1-Trichloroethane	U	0.00500	mg/L							
1,1,2-Trichloroethane	U	0.00500	mg/L							
Trichloroethene	U	0.00500	mg/L							
Vinyl chloride	U	0.00200	mg/L							
Xylenes (total)	U	0.0150	mg/L							
Surrogate: 4-Bromofluorobenzene	0.0444		mg/L	0.050000		89	67-133			
Surrogate: 1,2-Dichloroethane-d4	0.0453		mg/L	0.050000		91	85-125			
Surrogate: Toluene-d8	0.0453		mg/L	0.050000		91	81-116			

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC

Project: 12-129H A03M Tick Properties Decatur, IL

Lab Order: 15I0384

Volatile Organic Compounds by GC-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch Y005254 - SW 5030B VOA

LCS (Y005254-BS1)

Prepared & Analyzed: 09/25/2015

Benzene	0.0440	0.00500	mg/L	0.050000		88	78-122			
Chlorobenzene	0.0450	0.00500	mg/L	0.050000		90	88-106			
1,1-Dichloroethene	0.0420	0.00500	mg/L	0.050000		84	82-140			
Ethylbenzene	0.0425	0.00500	mg/L	0.050000		85	78-133			
Toluene	0.0434	0.00500	mg/L	0.050000		87	77-121			
Trichloroethene	0.0477	0.00500	mg/L	0.050000		95	84-145			
Xylenes (total)	0.128	0.0150	mg/L	0.15000		85	70-120			
Surrogate: 4-Bromofluorobenzene	0.0440		mg/L	0.050000		88	67-133			
Surrogate: 1,2-Dichloroethane-d4	0.0447		mg/L	0.050000		89	85-125			
Surrogate: Toluene-d8	0.0459		mg/L	0.050000		92	81-116			

Batch Y005289 - SW 5035A VOA

Blank (Y005289-BLK1)

Prepared & Analyzed: 09/28/2015

Acetone	U	0.0500	mg/Kg wet							M
Benzene	U	0.00500	mg/Kg wet							M
Bromodichloromethane	U	0.00500	mg/Kg wet							M
Bromoform	U	0.00500	mg/Kg wet							M
Bromomethane	U	0.0100	mg/Kg wet							M
2-Butanone	U	0.0100	mg/Kg wet							M
Carbon disulfide	U	0.0100	mg/Kg wet							M
Carbon tetrachloride	U	0.00500	mg/Kg wet							M
Chlorobenzene	U	0.00500	mg/Kg wet							M
Chloroethane	U	0.0100	mg/Kg wet							M
Chloroform	U	0.00500	mg/Kg wet							M
Chloromethane	U	0.0100	mg/Kg wet							M
Dibromochloromethane	U	0.00500	mg/Kg wet							M
1,1-Dichloroethane	U	0.00500	mg/Kg wet							M
1,2-Dichloroethane	U	0.00500	mg/Kg wet							M
1,1-Dichloroethene	U	0.00500	mg/Kg wet							M
cis-1,2-Dichloroethene	U	0.00500	mg/Kg wet							M
trans-1,2-Dichloroethene	U	0.00500	mg/Kg wet							M
1,2-Dichloropropane	U	0.00500	mg/Kg wet							M
cis-1,3-Dichloropropene	U	0.00300	mg/Kg wet							M
trans-1,3-Dichloropropene	U	0.00300	mg/Kg wet							M
Ethylbenzene	U	0.00500	mg/Kg wet							M
2-Hexanone	U	0.00500	mg/Kg wet							M
Methyl tert-butyl ether	U	0.00500	mg/Kg wet							M
4-Methyl-2-pentanone	U	0.00500	mg/Kg wet							M
Methylene chloride	U	0.00500	mg/Kg wet							M
Styrene	U	0.00500	mg/Kg wet							M
1,1,2,2-Tetrachloroethane	U	0.00200	mg/Kg wet							M
Tetrachloroethene	U	0.00500	mg/Kg wet							M
Toluene	U	0.00500	mg/Kg wet							M
1,1,1-Trichloroethane	U	0.00500	mg/Kg wet							M

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC

Project: 12-129H A03M Tick Properties Decatur, IL

Lab Order: 1510384

Volatile Organic Compounds by GC-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch Y005289 - SW 5035A VOA										
Blank (Y005289-BLK1)				Prepared & Analyzed: 09/28/2015						
1,1,2-Trichloroethane	U	0.00500	mg/Kg wet							M
Trichloroethene	U	0.00500	mg/Kg wet							M
Vinyl chloride	U	0.00500	mg/Kg wet							M
Xylenes (total)	U	0.0150	mg/Kg wet							M
Surrogate: 4-Bromofluorobenzene	0.0517		mg/Kg wet	0.050000		103	75-120			
Surrogate: 1,2-Dichloroethane-d4	0.0551		mg/Kg wet	0.050000		110	75-119			
Surrogate: Toluene-d8	0.0509		mg/Kg wet	0.050000		102	78-114			
LCS (Y005289-BS1)				Prepared & Analyzed: 09/28/2015						
Benzene	0.0506	0.00500	mg/Kg wet	0.050000		101	80-130			
Chlorobenzene	0.0465	0.00500	mg/Kg wet	0.050000		93	85-120			
1,1-Dichloroethene	0.0476	0.00500	mg/Kg wet	0.050000		95	70-130			
Ethylbenzene	0.0490	0.00500	mg/Kg wet	0.050000		98	77-132			
Toluene	0.0484	0.00500	mg/Kg wet	0.050000		97	80-130			
Trichloroethene	0.0463	0.00500	mg/Kg wet	0.050000		93	75-130			
Xylenes (total)	0.145	0.0150	mg/Kg wet	0.150000		96	80-130			
Surrogate: 4-Bromofluorobenzene	0.0539		mg/Kg wet	0.050000		108	75-120			
Surrogate: 1,2-Dichloroethane-d4	0.0556		mg/Kg wet	0.050000		111	75-119			
Surrogate: Toluene-d8	0.0513		mg/Kg wet	0.050000		103	78-114			
Matrix Spike (Y005289-MS1)				Source: 1510384-02	Prepared & Analyzed: 09/28/2015					
Benzene	0.106	0.0119	mg/Kg dry	0.11883	0.00292	87	50-140			
Chlorobenzene	0.0988	0.0119	mg/Kg dry	0.11883	ND	83	60-130			
1,1-Dichloroethene	0.0998	0.0119	mg/Kg dry	0.11883	ND	84	60-130			
Ethylbenzene	0.0940	0.0119	mg/Kg dry	0.11883	0.00177	78	50-140			
Toluene	0.0975	0.0119	mg/Kg dry	0.11883	0.00495	78	55-130			
Trichloroethene	0.111	0.0119	mg/Kg dry	0.11883	ND	94	60-130			
Xylenes (total)	0.280	0.0356	mg/Kg dry	0.35648	0.00412	77	60-130			
Surrogate: 4-Bromofluorobenzene	0.108		mg/Kg dry	0.11883		91	75-120			
Surrogate: 1,2-Dichloroethane-d4	0.115		mg/Kg dry	0.11883		97	75-119			
Surrogate: Toluene-d8	0.113		mg/Kg dry	0.11883		95	78-114			

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-129H A03M Tick Properties Decatur, IL

Lab Order: 15I0384

Volatile Organic Compounds by GC-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch Y005289 - SW 5035A VOA

Matrix Spike Dup (Y005289-MSD1)

Source: 15I0384-02

Prepared & Analyzed: 09/28/2015

Benzene	0.102	0.0114	mg/Kg dry	0.11403	0.00292	87	50-140	4	20	
Chlorobenzene	0.0961	0.0114	mg/Kg dry	0.11403	ND	84	60-130	3	20	
1,1-Dichloroethene	0.0977	0.0114	mg/Kg dry	0.11403	ND	86	60-130	2	20	
Ethylbenzene	0.0941	0.0114	mg/Kg dry	0.11403	0.00177	81	50-140	0.1	25	
Toluene	0.0959	0.0114	mg/Kg dry	0.11403	0.00495	80	55-130	2	25	
Trichloroethene	0.109	0.0114	mg/Kg dry	0.11403	ND	95	60-130	2	20	
Xylenes (total)	0.279	0.0342	mg/Kg dry	0.34210	0.00412	80	60-130	0.3	25	
Surrogate: 4-Bromofluorobenzene	0.104		mg/Kg dry	0.11403		91	75-120			
Surrogate: 1,2-Dichloroethane-d4	0.110		mg/Kg dry	0.11403		97	75-119			
Surrogate: Toluene-d8	0.104		mg/Kg dry	0.11403		91	78-114			

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client:

Fehr-Graham & Associates, LLC

Project:

12-129H A03M Tick Properties Decatur, IL

Lab Order: 15I0384

Semi-Volatile Organic Compounds by GC-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch Y005113 - SW 3550B BNA

Blank (Y005113-BLK1)

Prepared: 09/18/2015 Analyzed: 09/22/2015

Acenaphthene	U	0.333	mg/Kg wet
Acenaphthylene	U	0.333	mg/Kg wet
Anthracene	U	0.333	mg/Kg wet
Benzo(a)anthracene	U	0.333	mg/Kg wet
Benzo(b)fluoranthene	U	0.333	mg/Kg wet
Benzo(k)fluoranthene	U	0.333	mg/Kg wet
Benzo(g,h,i)perylene	U	0.333	mg/Kg wet
Benzo(a)pyrene	U	0.0600	mg/Kg wet
Bis(2-chloroethoxy)methane	U	0.333	mg/Kg wet
Bis(2-chloroethyl)ether	U	0.333	mg/Kg wet
Bis(2-chloroisopropyl)ether	U	0.333	mg/Kg wet
Bis(2-ethylhexyl)phthalate	U	0.333	mg/Kg wet
4-Bromophenyl phenyl ether	U	0.333	mg/Kg wet
Butyl benzyl phthalate	U	0.333	mg/Kg wet
Carbazole	U	0.333	mg/Kg wet
4-Chloro-3-methylphenol	U	0.666	mg/Kg wet
4-Chloroaniline	U	0.525	mg/Kg wet
2-Chloronaphthalene	U	0.333	mg/Kg wet
2-Chlorophenol	U	0.333	mg/Kg wet
4-Chlorophenyl phenyl ether	U	0.333	mg/Kg wet
Chrysene	U	0.333	mg/Kg wet
Di-n-butyl phthalate	U	0.333	mg/Kg wet
Di-n-octyl phthalate	U	0.333	mg/Kg wet
Dibenz(a,h)anthracene	U	0.0600	mg/Kg wet
Dibenzofuran	U	1.66	mg/Kg wet
1,2-Dichlorobenzene	U	0.333	mg/Kg wet
1,3-Dichlorobenzene	U	0.100	mg/Kg wet
1,4-Dichlorobenzene	U	0.333	mg/Kg wet
3,3'-Dichlorobenzidine	U	0.00500	mg/Kg wet
2,4-Dichlorophenol	U	0.333	mg/Kg wet
Diethyl phthalate	U	0.333	mg/Kg wet
Dimethyl phthalate	U	0.333	mg/Kg wet
2,4-Dimethylphenol	U	0.333	mg/Kg wet
4,6-Dinitro-2-methylphenol	U	1.66	mg/Kg wet
2,4-Dinitrophenol	U	0.100	mg/Kg wet
2,4-Dinitrotoluene	U	0.100	mg/Kg wet
2,6-Dinitrotoluene	U	0.100	mg/Kg wet
Fluoranthene	U	0.333	mg/Kg wet
Fluorene	U	0.333	mg/Kg wet
Hexachlorobenzene	U	0.100	mg/Kg wet
Hexachlorobutadiene	U	0.333	mg/Kg wet
Hexachlorocyclopentadiene	U	0.666	mg/Kg wet
Hexachloroethane	U	0.333	mg/Kg wet
Indeno(1,2,3-cd)pyrene	U	0.333	mg/Kg wet

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Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC

Project: 12-129H A03M Tick Properties Decatur, IL

Lab Order: 1510384

Semi-Volatile Organic Compounds by GC-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch Y005113 - SW 3550B BNA

Blank (Y005113-BLK1)

Prepared: 09/18/2015 Analyzed: 09/22/2015

Isophorone	U	0.333	mg/Kg wet							
2-Methylnaphthalene	U	0.333	mg/Kg wet							
2-Methylphenol	U	0.333	mg/Kg wet							
3 & 4-Methylphenol	U	0.100	mg/Kg wet							
Naphthalene	U	0.333	mg/Kg wet							
2-Nitroaniline	U	0.100	mg/Kg wet							
3-Nitroaniline	U	0.333	mg/Kg wet							
4-Nitroaniline	U	0.0600	mg/Kg wet							
Nitrobenzene	U	0.0600	mg/Kg wet							
2-Nitrophenol	U	0.333	mg/Kg wet							
4-Nitrophenol	U	1.66	mg/Kg wet							
N-Nitroso-di-n-propylamine	U	0.0333	mg/Kg wet							M
N-Nitrosodiphenylamine	U	0.333	mg/Kg wet							
Pentachlorophenol	U	0.0100	mg/Kg wet							
Phenanthrene	U	0.333	mg/Kg wet							
Phenol	U	0.333	mg/Kg wet							
Pyrene	U	0.333	mg/Kg wet							
1,2,4-Trichlorobenzene	U	0.333	mg/Kg wet							
2,4,5-Trichlorophenol	U	0.333	mg/Kg wet							
2,4,6-Trichlorophenol	U	0.100	mg/Kg wet							
Surrogate: 2-Fluorobiphenyl	0.507		mg/Kg wet	0.66667		76	40-120			
Surrogate: 2-Fluorophenol	0.468		mg/Kg wet	1.0000		47	20-115			
Surrogate: Nitrobenzene-d5	0.492		mg/Kg wet	0.66667		74	45-135			
Surrogate: Phenol-d6	0.491		mg/Kg wet	1.0000		49	20-100			
Surrogate: 4-Terphenyl-d14	0.542		mg/Kg wet	0.66667		81	60-130			
Surrogate: 2,4,6-Tribromophenol	0.419		mg/Kg wet	1.0000		42	30-100			

LCS (Y005113-BS1)

Prepared: 09/18/2015 Analyzed: 09/22/2015

Acenaphthene	0.555	0.333	mg/Kg wet	0.66667		83	30-140			
4-Chloro-3-methylphenol	0.957	0.666	mg/Kg wet	1.3333		72	30-180			
2-Chlorophenol	1.05	0.333	mg/Kg wet	1.3333		79	35-150			
1,4-Dichlorobenzene	0.501	0.333	mg/Kg wet	0.66667		75	30-105			
2,4-Dinitrotoluene	0.513	0.100	mg/Kg wet	0.66667		77	35-130			
4-Nitrophenol	1.19	1.66	mg/Kg wet	1.3333		89	30-150			
N-Nitroso-di-n-propylamine	0.435	0.0333	mg/Kg wet	0.66667		65	40-130			
Pentachlorophenol	1.02	0.0100	mg/Kg wet	1.3333		77	40-190			
Phenol	0.860	0.333	mg/Kg wet	1.3333		64	30-190			
Pyrene	0.533	0.333	mg/Kg wet	0.66667		80	35-140			
1,2,4-Trichlorobenzene	0.487	0.333	mg/Kg wet	0.66667		73	40-115			
Surrogate: 2-Fluorobiphenyl	0.458		mg/Kg wet	0.66667		69	40-120			
Surrogate: 2-Fluorophenol	0.426		mg/Kg wet	1.0000		43	20-115			
Surrogate: Nitrobenzene-d5	0.428		mg/Kg wet	0.66667		64	45-135			
Surrogate: Phenol-d6	0.436		mg/Kg wet	1.0000		44	20-100			
Surrogate: 4-Terphenyl-d14	0.538		mg/Kg wet	0.66667		81	60-130			
Surrogate: 2,4,6-Tribromophenol	0.429		mg/Kg wet	1.0000		43	30-100			

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client:

Fehr-Graham & Associates, LLC

Project:

12-129H A03M Tick Properties Decatur, IL

Lab Order: 15I0384

Semi-Volatile Organic Compounds by GC-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch Y005113 - SW 3550B BNA

Matrix Spike (Y005113-MS1)

Source: 15I0384-02

Prepared: 09/18/2015 Analyzed: 09/23/2015

Acenaphthene	0.608	0.376	mg/Kg dry	0.75189	ND	81	30-140			
4-Chloro-3-methylphenol	1.09	0.751	mg/Kg dry	1.5038	ND	72	40-180			
2-Chlorophenol	1.14	0.376	mg/Kg dry	1.5038	ND	76	35-150			
1,4-Dichlorobenzene	0.544	0.376	mg/Kg dry	0.75189	ND	72	30-105			
2,4-Dinitrotoluene	0.545	0.113	mg/Kg dry	0.75189	ND	72	35-130			
4-Nitrophenol	1.29	1.88	mg/Kg dry	1.5038	ND	86	30-150			
N-Nitroso-di-n-propylamine	0.486	0.0376	mg/Kg dry	0.75189	ND	65	40-130			
Pentachlorophenol	1.08	0.0113	mg/Kg dry	1.5038	ND	72	40-190			
Phenol	0.889	0.376	mg/Kg dry	1.5038	ND	59	30-190			
Pyrene	0.586	0.376	mg/Kg dry	0.75189	ND	78	35-140			
1,2,4-Trichlorobenzene	0.533	0.376	mg/Kg dry	0.75189	ND	71	40-115			
Surrogate: 2-Fluorobiphenyl	0.510		mg/Kg dry	0.75189		68	40-120			
Surrogate: 2-Fluorophenol	0.473		mg/Kg dry	1.1278		42	20-115			
Surrogate: Nitrobenzene-d5	0.494		mg/Kg dry	0.75189		66	45-135			
Surrogate: Phenol-d6	0.473		mg/Kg dry	1.1278		42	20-100			
Surrogate: 4-Terphenyl-d14	0.539		mg/Kg dry	0.75189		74	60-130			
Surrogate: 2,4,6-Tribromophenol	0.456		mg/Kg dry	1.1278		40	30-100			

Matrix Spike Dup (Y005113-MSD1)

Source: 15I0384-02

Prepared: 09/18/2015 Analyzed: 09/23/2015

Acenaphthene	0.568	0.376	mg/Kg dry	0.75365	ND	75	30-140	7	20	
4-Chloro-3-methylphenol	0.968	0.753	mg/Kg dry	1.5073	ND	64	40-180	12	30	
2-Chlorophenol	1.07	0.376	mg/Kg dry	1.5073	ND	71	35-150	7	50	
1,4-Dichlorobenzene	0.511	0.376	mg/Kg dry	0.75365	ND	68	30-105	6	25	
2,4-Dinitrotoluene	0.503	0.113	mg/Kg dry	0.75365	ND	67	35-130	8	45	
4-Nitrophenol	1.21	1.88	mg/Kg dry	1.5073	ND	80	30-150	7	50	
N-Nitroso-di-n-propylamine	0.456	0.0377	mg/Kg dry	0.75365	ND	61	40-130	6	40	
Pentachlorophenol	1.03	0.0113	mg/Kg dry	1.5073	ND	68	40-190	5	50	
Phenol	0.844	0.376	mg/Kg dry	1.5073	ND	56	30-190	5	35	
Pyrene	0.564	0.376	mg/Kg dry	0.75365	ND	75	35-140	4	35	
1,2,4-Trichlorobenzene	0.491	0.376	mg/Kg dry	0.75365	ND	65	40-115	8	20	
Surrogate: 2-Fluorobiphenyl	0.481		mg/Kg dry	0.75365		64	40-120			
Surrogate: 2-Fluorophenol	0.427		mg/Kg dry	1.1305		38	20-115			
Surrogate: Nitrobenzene-d5	0.433		mg/Kg dry	0.75365		60	45-135			
Surrogate: Phenol-d6	0.434		mg/Kg dry	1.1305		38	20-100			
Surrogate: 4-Terphenyl-d14	0.547		mg/Kg dry	0.75365		73	60-130			
Surrogate: 2,4,6-Tribromophenol	0.422		mg/Kg dry	1.1305		37	30-100			

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC

Project: 12-129H A03M Tick Properties Decatur, IL

Lab Order: 15I0384

Polychlorinated Biphenyls by GC-ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch Y005114 - SW 3550B PCB

Blank (Y005114-BLK1)

Prepared & Analyzed: 09/18/2015

Aroclor 1016	U	0.0330	mg/Kg wet							
Aroclor 1221	U	0.0330	mg/Kg wet							
Aroclor 1232	U	0.0330	mg/Kg wet							
Aroclor 1242	U	0.0330	mg/Kg wet							
Aroclor 1248	U	0.0330	mg/Kg wet							
Aroclor 1254	U	0.0330	mg/Kg wet							
Aroclor 1260	U	0.0330	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.0780		mg/Kg wet	0.066667		117	60-140			
Surrogate: Tetrachloro-m-xylene	0.0487		mg/Kg wet	0.066667		73	60-140			

LCS (Y005114-BS1)

Prepared & Analyzed: 09/18/2015

Aroclor 1016	0.590	0.0330	mg/Kg wet	0.66667		88	60-130			
Aroclor 1260	0.582	0.0330	mg/Kg wet	0.66667		87	70-130			
Surrogate: Decachlorobiphenyl	0.0783		mg/Kg wet	0.066667		118	60-140			
Surrogate: Tetrachloro-m-xylene	0.0458		mg/Kg wet	0.066667		69	60-140			

Matrix Spike (Y005114-MS1)

Source: 15I0384-02

Prepared & Analyzed: 09/18/2015

Aroclor 1016	0.666	0.0373	mg/Kg dry	0.75264	ND	88	60-130			
Aroclor 1260	0.644	0.0373	mg/Kg dry	0.75264	ND	86	70-130			
Surrogate: Decachlorobiphenyl	0.0792		mg/Kg dry	0.075264		105	60-140			
Surrogate: Tetrachloro-m-xylene	0.0514		mg/Kg dry	0.075264		68	60-140			

Matrix Spike Dup (Y005114-MSD1)

Source: 15I0384-02

Prepared & Analyzed: 09/18/2015

Aroclor 1016	0.648	0.0373	mg/Kg dry	0.75365	ND	86	60-130	3	20	
Aroclor 1260	0.646	0.0373	mg/Kg dry	0.75365	ND	86	70-130	0.4	20	
Surrogate: Decachlorobiphenyl	0.0831		mg/Kg dry	0.075365		110	60-140			
Surrogate: Tetrachloro-m-xylene	0.0497		mg/Kg dry	0.075365		66	60-140			

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC

Project: 12-129H A03M Tick Properties Decatur, IL

Lab Order: 1510384

Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch Y005101 - SW 3050B Metals										
Blank (Y005101-BLK1)				Prepared: 09/18/2015 Analyzed: 09/19/2015						
Mercury	U	0.0800	mg/Kg wet							
Selenium	U	0.500	mg/Kg wet							
Silver	U	0.500	mg/Kg wet							
LCS (Y005101-BS1)				Prepared: 09/18/2015 Analyzed: 09/19/2015						
Mercury	0.928	0.0800	mg/Kg wet	1.0000		93	80-120			
Selenium	23.7	0.500	mg/Kg wet	25.000		95	80-120			
Silver	2.41	0.500	mg/Kg wet	2.5000		97	80-120			
Matrix Spike (Y005101-MS1)				Source: 1510339-01	Prepared: 09/18/2015 Analyzed: 09/19/2015					
Mercury	1.13	0.0970	mg/Kg dry	1.2121	ND	93	75-125			
Selenium	29.2	0.606	mg/Kg dry	30.302	0.511	95	75-125			
Silver	2.61	0.606	mg/Kg dry	3.0302	ND	86	75-125			
Matrix Spike (Y005101-MS2)				Source: 1510384-02	Prepared: 09/18/2015 Analyzed: 09/21/2015					
Mercury	1.04	0.0904	mg/Kg dry	1.1301	ND	92	75-125			
Selenium	27.1	0.565	mg/Kg dry	28.252	0.911	93	75-125			
Silver	2.54	0.565	mg/Kg dry	2.8252	ND	90	75-125			
Matrix Spike Dup (Y005101-MSD1)				Source: 1510339-01	Prepared: 09/18/2015 Analyzed: 09/19/2015					
Mercury	1.13	0.0973	mg/Kg dry	1.2157	ND	93	75-125	0.7	20	
Selenium	30.0	0.608	mg/Kg dry	30.393	0.511	97	75-125	3	20	
Silver	2.58	0.608	mg/Kg dry	3.0393	ND	85	75-125	1	20	
Matrix Spike Dup (Y005101-MSD2)				Source: 1510384-02	Prepared: 09/18/2015 Analyzed: 09/21/2015					
Mercury	1.03	0.0900	mg/Kg dry	1.1256	ND	91	75-125	1	20	
Selenium	26.6	0.563	mg/Kg dry	28.140	0.911	91	75-125	2	20	
Silver	2.50	0.563	mg/Kg dry	2.8140	ND	89	75-125	2	20	

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client:

Fehr-Graham & Associates, LLC

Project:

12-129H A03M Tick Properties Decatur, IL

Lab Order: 1510384

Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch Y005100 - SW 3050B Metals

Blank (Y005100-BLK1)

Prepared: 09/18/2015 Analyzed: 09/20/2015

Arsenic	U	0.500	mg/Kg wet							
Barium	U	0.250	mg/Kg wet							
Cadmium	U	0.250	mg/Kg wet							
Chromium	U	0.250	mg/Kg wet							
Lead	U	0.250	mg/Kg wet							

LCS (Y005100-BS1)

Prepared: 09/18/2015 Analyzed: 09/20/2015

Arsenic	27.6	0.500	mg/Kg wet	25.000		110	85-115			
Barium	26.8	0.250	mg/Kg wet	25.000		107	85-115			
Cadmium	26.3	0.250	mg/Kg wet	25.000		105	85-115			
Chromium	26.6	0.250	mg/Kg wet	25.000		106	85-115			
Lead	26.3	0.250	mg/Kg wet	25.000		105	85-115			

Matrix Spike (Y005100-MS1)

Source: 1510384-02

Prepared: 09/18/2015 Analyzed: 09/20/2015

Arsenic	35.1	0.565	mg/Kg dry	28.252	22.9	43	75-125			S
Barium	59.8	0.283	mg/Kg dry	28.252	30.9	102	75-125			
Cadmium	26.2	0.283	mg/Kg dry	28.252	1.06	89	75-125			
Chromium	39.8	0.283	mg/Kg dry	28.252	23.5	58	75-125			S
Lead	46.9	0.283	mg/Kg dry	28.252	15.8	110	75-125			

Matrix Spike Dup (Y005100-MSD1)

Source: 1510384-02

Prepared: 09/18/2015 Analyzed: 09/20/2015

Arsenic	36.5	0.563	mg/Kg dry	28.140	22.9	48	75-125	4	20	S
Barium	63.3	0.281	mg/Kg dry	28.140	30.9	115	75-125	6	20	
Cadmium	26.1	0.281	mg/Kg dry	28.140	1.06	89	75-125	0.3	20	
Chromium	37.9	0.281	mg/Kg dry	28.140	23.5	51	75-125	5	20	S
Lead	60.8	0.281	mg/Kg dry	28.140	15.8	160	75-125	26	20	R, S

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC

Project: 12-129H A03M Tick Properties Decatur, IL

Lab Order: 1510384

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch Y005160 - ASTM D2974 Solids									
Blank (Y005160-BLK1)									
Percent Solids	U	0.100	%						Prepared: 09/22/2015 Analyzed: 09/23/2015
Duplicate (Y005160-DUP1)									
Percent Solids	83.2	0.100	%		82.8		0.5	20	Source: 1510408-03 Prepared: 09/22/2015 Analyzed: 09/23/2015
Batch Y005161 - SW 9045C pH									
Duplicate (Y005161-DUP1)									
pH	8.8	0.010	pH Units		8.8		0.2	5	Source: 1510384-08 Prepared & Analyzed: 09/22/2015

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC**Project:** 12-129H A03M Tick Properties Decatur, IL**Lab Order:** 15I0384

Notes and Definitions

- S2 Surrogate recovery exceeds the acceptance criteria due to matrix interference, but there is no observable concentration in associated analyte(s).
- S Spike recovery outside acceptance limits.
- R RPD outside acceptance limits.
- M Reporting limit set between LOQ and MDL.
- I Matrix interference.
- C1 Analyte result confirmed by second analysis.
- * NELAC certified compound.
- U Analyte not detected (i.e. less than RL or MDL).

Chain of Custody Record

Central 11210 Capital Airport Drive Springfield, IL 62717-3499 Phone: (217) 755-1113 Fax: (217) 755-1113
 Chicago Office: 1114 Virginia Rd. Ste. 112 - Lake in the Hills, IL 60156 Phone: (647) 621-2604 Fax: (647) 621-4604
 Central Southern Office: Phone: (217) 414-7762 Fax: (217) 224-7922



Client		Analysis and/or Method Requested				Reporting	
Address						Resid	
City, State, Zip Code	Phone / Facsimile					TACO	Ind/Comm
Project Name / Number	Project Location					CALM	A ☐ B ☐ C ☐ E ☐ F ☐
P.O. # or Invoice To	Contact Person					RISC	Resid ☐ Indust ☐
Sample Description		Sampling		Matrix	Preserv	No. of Containers	Sample Type
		Date	Time	Code	Code		Comp
							Grab
Fehr Graham							
200 Prairie St, Suite 208							
Rockford, IL 61107							
815-294-4700							
12-1394 A03M - TICH PROPERTIES							
Deatur, IL							
Fehr Graham							
EMICA TOLED							
34513-SB9@153-115		11/7/15	8:40am	S	5/0	7	X
34514-SB7@2-3'		9:00am					
34515-SB7 DUP@2-3'		9:00am					
34516-SB7-MS/MSD@2-3'		9:00am					
34517-SB6@9-10'		10:20am					
34518-SB6@24-25'		10:25am					
34519-SB8@2-3'		11:05am					
34520-SB1@20-21'		11:45am					
34521-SB2@2-3'		12:35pm					
34522-SB2@21-22'		12:40pm					
Pres Blank		2:00pm		A	5	3	
TRIP Blank		2:00pm		A	1	1	
Matrix Code		Date		Time	Received By		
Preserv Code		Date		Time	Method of Shipment		
1 - None		9/17/15		2:40pm			
2 - Aggravated							
3 - Drunk							
4 - Homicide							
5 - Rape							
6 - Robbery							
7 - Vandalism							
8 - Other							
9 - Other							
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100 - Other							



Tuesday, September 29, 2015

Erica Toledo
Fehr-Graham & Associates, LLC
200 Prairie Street, Suite 208
Rockford, IL 61107

TEL: (815) 394-4700

FAX: (815) 394-4702

RE: 12-139H A03M Tick Properties Decatur, IL

PAS WO: 15I0397

Prairie Analytical Systems, Inc. received 4 sample(s) on 9/18/2015 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Kristen Potter".

Kristen A. Potter
Project Manager

Certifications: NELAP/NELAC - IL #100323

1210 Capital Airport Drive	*	Springfield, IL 62707	*	1.217.753.1148	*	1.217.753.1152 Fax
9114 Virginia Road Suite #112	*	Lake in the Hills, IL 60156	*	1.847.651.2604	*	1.847.458.0538 Fax

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-139H A03M Tick Properties Decatur, IL
 Client Sample ID: 34523-TW3
 Collection Date: 9/18/15 9:15

Lab Order: 1510397
 Lab ID: 1510397-01
 Matrix: Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Volatile Organic Compounds by GC-MS									
*Acetone	U	0.0500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*Benzene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*Bromodichloromethane	U	0.000200		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*Bromoform	U	0.00100		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*Bromomethane	U	0.00980		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*2-Butanone	U	0.0100		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*Carbon disulfide	U	0.0100		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*Carbon tetrachloride	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*Chlorobenzene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*Chloroethane	U	0.0100		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*Chloroform	U	0.000200		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*Chloromethane	U	0.0100		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*Dibromochloromethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*1,1-Dichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*1,2-Dichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*1,1,1-Dichloroethene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*cis-1,2-Dichloroethene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*trans-1,2-Dichloroethene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*1,2-Dichloropropane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*cis-1,3-Dichloropropene	U	0.00100		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*trans-1,3-Dichloropropene	U	0.00100		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*Ethylbenzene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*2-Hexanone	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*Methyl tert-butyl ether	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*4-Methyl-2-pentanone	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*Methylene chloride	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*Styrene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*1,1,2,2-Tetrachloroethane	U	0.00300		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*Tetrachloroethene	0.0846	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*Toluene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*1,1,1-Trichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*1,1,2-Trichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*Trichloroethene	0.0165	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*Vinyl chloride	U	0.00200		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
*Xylenes (total)	U	0.0150		mg/L	1	9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
Surrogate: 4-Bromofluorobenzene		91 %		67-133		9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
Surrogate: 1,2-Dichloroethane-d4		92 %		85-125		9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS
Surrogate: Toluene-d8		91 %		81-116		9/25/15 10:00	9/25/15 18:30	SW8260B Re	JLS

Semi-Volatile Organic Compounds by GC-MS

*Acenaphthene	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Acenaphthylene	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Anthracene	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Benzo(a)anthracene	U	0.000116		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Benzo(b)fluoranthene	U	0.000121		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Benzo(k)fluoranthene	U	0.000131		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Benzo(g,h,i)perylene	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Benzo(a)pyrene	U	0.000141		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Bis(2-chloroethoxy)methane	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-139H A03M Tick Properties Decatur, IL
 Client Sample ID: 34523-TW3
 Collection Date: 9/18/15 9:15

Lab Order: 1510397
 Lab ID: 1510397-01
 Matrix: Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Bis(2-chloroethyl)ether	U	0.00707		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Bis(2-chloroisopropyl)ether	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Bis(2-ethylhexyl)phthalate	U	0.00404		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*4-Bromophenyl phenyl ether	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Butyl benzyl phthalate	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Carbazole	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*4-Chloro-3-methylphenol	U	0.0202		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*4-Chloroaniline	U	0.0202		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*2-Chloronaphthalene	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*2-Chlorophenol	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*4-Chlorophenyl phenyl ether	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Chrysene	U	0.00111		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Di-n-butyl phthalate	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Di-n-octyl phthalate	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Dibenz(a,h)anthracene	U	0.000202		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Dibenzofuran	U	0.00505		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*1,2-Dichlorobenzene	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*1,3-Dichlorobenzene	U	0.00404		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*1,4-Dichlorobenzene	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*3,3'-Dichlorobenzidine	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*2,4-Dichlorophenol	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Diethyl phthalate	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Dimethyl phthalate	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*2,4-Dimethylphenol	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*4,6-Dinitro-2-methylphenol	U	0.000921	M	mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*2,4-Dinitrophenol	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*2,4-Dinitrotoluene	U	0.0000636	M	mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*2,6-Dinitrotoluene	U	0.000193	M	mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Fluoranthene	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Fluorene	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Hexachlorobenzene	U	0.000116	M	mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Hexachlorobutadiene	U	0.00101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Hexachlorocyclopentadiene	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Hexachloroethane	U	0.00505		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Indeno(1,2,3-cd)pyrene	U	0.000303		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Isophorone	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*2-Methylnaphthalene	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*2-Methylphenol	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
3 & 4-Methylphenol	U	0.0202		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Naphthalene	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*2-Nitroaniline	U	0.0505		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*3-Nitroaniline	U	0.0505		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*4-Nitroaniline	U	0.0202		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Nitrobenzene	U	0.00202		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*2-Nitrophenol	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*4-Nitrophenol	U	0.0505		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*N-Nitroso-di-n-propylamine	U	0.00111		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*N-Nitrosodiphenylamine	U	0.000566		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Pentachlorophenol	U	0.00101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Phenanthrene	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-139H A03M Tick Properties Decatur, IL
 Client Sample ID: 34523-TW3
 Collection Date: 9/18/15 9:15

Lab Order: 15I0397
 Lab ID: 15I0397-01
 Matrix: Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Phenol	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*Pyrene	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*1,2,4-Trichlorobenzene	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*2,4,5-Trichlorophenol	U	0.0101		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
*2,4,6-Trichlorophenol	U	0.00566		mg/L	1	9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
Surrogate: 2-Fluorobiphenyl		62 %		40-150		9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
Surrogate: 2-Fluorophenol		19 %		10-95		9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
Surrogate: Nitrobenzene-d5		57 %		40-150		9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
Surrogate: Phenol-d6		10 %		10-23		9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
Surrogate: 4-Terphenyl-d14		63 %		40-140		9/23/15 9:46	9/23/15 17:44	SW8270C	JKA
Surrogate: 2,4,6-Tribromophenol		38 %		30-100		9/23/15 9:46	9/23/15 17:44	SW8270C	JKA

Polychlorinated Biphenyls by GC-ECD

*Aroclor 1016	U	0.000459		mg/L	1	9/21/15 10:12	9/21/15 16:15	SW8082	AJD
*Aroclor 1221	U	0.000459		mg/L	1	9/21/15 10:12	9/21/15 16:15	SW8082	AJD
*Aroclor 1232	U	0.000459		mg/L	1	9/21/15 10:12	9/21/15 16:15	SW8082	AJD
*Aroclor 1242	U	0.000459		mg/L	1	9/21/15 10:12	9/21/15 16:15	SW8082	AJD
*Aroclor 1248	U	0.000459		mg/L	1	9/21/15 10:12	9/21/15 16:15	SW8082	AJD
*Aroclor 1254	U	0.000459		mg/L	1	9/21/15 10:12	9/21/15 16:15	SW8082	AJD
*Aroclor 1260	U	0.000459		mg/L	1	9/21/15 10:12	9/21/15 16:15	SW8082	AJD
Surrogate: Decachlorobiphenyl		66 %		60-120		9/21/15 10:12	9/21/15 16:15	SW8082	AJD
Surrogate: Tetrachloro-m-xylene		66 %		30-100		9/21/15 10:12	9/21/15 16:15	SW8082	AJD

Metals by ICP-MS

*Mercury	U	0.000200		mg/L	1	9/21/15 13:21	9/22/15 21:40	SW6020A	CCD
*Selenium	U	0.00500		mg/L	1	9/21/15 13:21	9/22/15 21:40	SW6020A	CCD
*Silver	U	0.00500		mg/L	1	9/21/15 13:21	9/22/15 21:40	SW6020A	CCD

Metals by ICP

*Arsenic	U	0.0100		mg/L	1	9/21/15 13:21	9/22/15 12:24	SW6010B	JTC
*Barium	0.189	0.00500		mg/L	1	9/21/15 13:21	9/22/15 12:24	SW6010B	JTC
*Cadmium	U	0.00500		mg/L	1	9/21/15 13:21	9/22/15 12:24	SW6010B	JTC
*Chromium	0.0104	0.00500		mg/L	1	9/21/15 13:21	9/22/15 12:24	SW6010B	JTC
*Lead	0.0164	0.00500		mg/L	1	9/21/15 13:21	9/22/15 12:24	SW6010B	JTC

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-139H A03M Tick Properties Decatur, IL
 Client Sample ID: 34524-TW3 DUP
 Collection Date: 9/18/15 9:15

Lab Order: 1510397
 Lab ID: 1510397-02
 Matrix: Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Volatile Organic Compounds by GC-MS									
*Acetone	U	0.0500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*Benzene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*Bromodichloromethane	U	0.000200		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*Bromoform	U	0.00100		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*Bromomethane	U	0.00980		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*2-Butanone	U	0.0100		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*Carbon disulfide	U	0.0100		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*Carbon tetrachloride	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*Chlorobenzene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*Chloroethane	U	0.0100		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*Chloroform	U	0.000200		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*Chloromethane	U	0.0100		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*Dibromochloromethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*1,1-Dichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*1,2-Dichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*1,1-Dichloroethene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*cis-1,2-Dichloroethene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*trans-1,2-Dichloroethene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*1,2-Dichloropropane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*cis-1,3-Dichloropropene	U	0.00100		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*trans-1,3-Dichloropropene	U	0.00100		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*Ethylbenzene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*2-Hexanone	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*Methyl tert-butyl ether	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*4-Methyl-2-pentanone	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*Methylene chloride	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*Styrene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*1,1,2,2-Tetrachloroethane	U	0.00300		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*Tetrachloroethene	0.0733	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*Toluene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*1,1,1-Trichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*1,1,2-Trichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*Trichloroethene	0.0130	0.00500		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*Vinyl chloride	U	0.00200		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*Xylenes (total)	U	0.0150		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
Surrogate: 4-Bromofluorobenzene		90 %		67-133		9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
Surrogate: 1,2-Dichloroethane-d4		91 %		85-125		9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
Surrogate: Toluene-d8		92 %		81-116		9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS

Semi-Volatile Organic Compounds by GC-MS

*Acenaphthene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Acenaphthylene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Anthracene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Benzo(a)anthracene	U	0.000120		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Benzo(b)fluoranthene	U	0.000125		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Benzo(k)fluoranthene	U	0.000135		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Benzo(g,h,i)perylene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Benzo(a)pyrene	U	0.000146		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Bis(2-chloroethoxy)methane	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-139H A03M Tick Properties Decatur, IL
 Client Sample ID: 34524-TW3 DUP
 Collection Date: 9/18/15 9:15

Lab Order: 1510397
 Lab ID: 1510397-02
 Matrix: Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Bis(2-chloroethyl)ether	U	0.00729		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Bis(2-chloroisopropyl)ether	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Bis(2-ethylhexyl)phthalate	U	0.00417		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*4-Bromophenyl phenyl ether	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Butyl benzyl phthalate	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Carbazole	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*4-Chloro-3-methylphenol	U	0.0208		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*4-Chloroaniline	U	0.0208		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*2-Chloronaphthalene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*2-Chlorophenol	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*4-Chlorophenyl phenyl ether	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Chrysene	U	0.00115		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Di-n-butyl phthalate	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Di-n-octyl phthalate	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Dibenz(a,h)anthracene	U	0.000208		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Dibenzofuran	U	0.00521		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*1,2-Dichlorobenzene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*1,3-Dichlorobenzene	U	0.00417		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*1,4-Dichlorobenzene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*3,3'-Dichlorobenzidine	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*2,4-Dichlorophenol	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Diethyl phthalate	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Dimethyl phthalate	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*2,4-Dimethylphenol	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*4,6-Dinitro-2-methylphenol	U	0.000949	M	mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*2,4-Dinitrophenol	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*2,4-Dinitrotoluene	U	0.0000656	M	mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*2,6-Dinitrotoluene	U	0.000199	M	mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Fluoranthene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Fluorene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Hexachlorobenzene	U	0.000119	M	mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Hexachlorobutadiene	U	0.00104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Hexachlorocyclopentadiene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Hexachloroethane	U	0.00521		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Indeno(1,2,3-cd)pyrene	U	0.000312		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Isophorone	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*2-Methylnaphthalene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*2-Methylphenol	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
3 & 4-Methylphenol	U	0.0208		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Naphthalene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*2-Nitroaniline	U	0.0521		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*3-Nitroaniline	U	0.0521		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*4-Nitroaniline	U	0.0208		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Nitrobenzene	U	0.00208		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*2-Nitrophenol	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*4-Nitrophenol	U	0.0521		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*N-Nitroso-di-n-propylamine	U	0.00115		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*N-Nitrosodiphenylamine	U	0.000583		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Pentachlorophenol	U	0.00104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Phenanthrene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-139H A03M Tick Properties Decatur, IL
 Client Sample ID: 34524-TW3 DUP
 Collection Date: 9/18/15 9:15

Lab Order: 15I0397
 Lab ID: 15I0397-02
 Matrix: Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Phenol	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*Pyrene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*1,2,4-Trichlorobenzene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*2,4,5-Trichlorophenol	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
*2,4,6-Trichlorophenol	U	0.00583		mg/L	1	9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
Surrogate: 2-Fluorobiphenyl		64 %		40-150		9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
Surrogate: 2-Fluorophenol		18 %		10-95		9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
Surrogate: Nitrobenzene-d5		56 %		40-150		9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
Surrogate: Phenol-d6		10 %		10-23		9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
Surrogate: 4-Terphenyl-d14		63 %		40-140		9/23/15 9:46	9/23/15 18:14	SW8270C	JKA
Surrogate: 2,4,6-Tribromophenol		36 %		30-100		9/23/15 9:46	9/23/15 18:14	SW8270C	JKA

Polychlorinated Biphenyls by GC-ECD

*Aroclor 1016	U	0.000464		mg/L	1	9/21/15 10:12	9/21/15 16:32	SW8082	AJD
*Aroclor 1221	U	0.000464		mg/L	1	9/21/15 10:12	9/21/15 16:32	SW8082	AJD
*Aroclor 1232	U	0.000464		mg/L	1	9/21/15 10:12	9/21/15 16:32	SW8082	AJD
*Aroclor 1242	U	0.000464		mg/L	1	9/21/15 10:12	9/21/15 16:32	SW8082	AJD
*Aroclor 1248	U	0.000464		mg/L	1	9/21/15 10:12	9/21/15 16:32	SW8082	AJD
*Aroclor 1254	U	0.000464		mg/L	1	9/21/15 10:12	9/21/15 16:32	SW8082	AJD
*Aroclor 1260	U	0.000464		mg/L	1	9/21/15 10:12	9/21/15 16:32	SW8082	AJD
Surrogate: Decachlorobiphenyl		94 %		60-120		9/21/15 10:12	9/21/15 16:32	SW8082	AJD
Surrogate: Tetrachloro-m-xylene		64 %		30-100		9/21/15 10:12	9/21/15 16:32	SW8082	AJD

Metals by ICP-MS

*Mercury	U	0.000200		mg/L	1	9/21/15 13:21	9/22/15 22:58	SW6020A	CCD
*Selenium	U	0.00500		mg/L	1	9/21/15 13:21	9/22/15 22:58	SW6020A	CCD
*Silver	U	0.00500		mg/L	1	9/21/15 13:21	9/22/15 22:58	SW6020A	CCD

Metals by ICP

*Arsenic	U	0.0100		mg/L	1	9/21/15 13:21	9/22/15 13:09	SW6010B	JTC
*Barium	0.170	0.00500		mg/L	1	9/21/15 13:21	9/22/15 13:09	SW6010B	JTC
*Cadmium	U	0.00500		mg/L	1	9/21/15 13:21	9/22/15 13:09	SW6010B	JTC
*Chromium	0.00510	0.00500		mg/L	1	9/21/15 13:21	9/22/15 13:09	SW6010B	JTC
*Lead	0.00568	0.00500		mg/L	1	9/21/15 13:21	9/22/15 13:09	SW6010B	JTC

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-139H A03M Tick Properties Decatur, IL
 Client Sample ID: 34525-TW2
 Collection Date: 9/18/15 11:30

Lab Order: 1510397
 Lab ID: 1510397-03
 Matrix: Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Volatile Organic Compounds by GC-MS									
*Acetone	U	0.0500		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*Benzene	0.00780	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*Bromodichloromethane	U	0.000200		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*Bromoform	U	0.00100		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*Bromomethane	U	0.00980		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*2-Butanone	U	0.0100		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*Carbon disulfide	U	0.0100		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*Carbon tetrachloride	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*Chlorobenzene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*Chloroethane	U	0.0100		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*Chloroform	U	0.000200		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*Chloromethane	U	0.0100		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*Dibromochloromethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*1,1-Dichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*1,2-Dichloroethane	0.00719	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*1,1-Dichloroethene	0.0472	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*cis-1,2-Dichloroethene	34.1	2.50		mg/L	500	9/29/15 9:00	9/29/15 14:37	SW8260B Re	BDP
*trans-1,2-Dichloroethene	0.0472	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*1,2-Dichloropropane	0.0592	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*cis-1,3-Dichloropropene	U	0.00100		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*trans-1,3-Dichloropropene	U	0.00100		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*Ethylbenzene	0.0712	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*2-Hexanone	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*Methyl tert-butyl ether	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*4-Methyl-2-pentanone	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*Methylene chloride	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*Styrene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*1,1,2,2-Tetrachloroethane	U	0.00300		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*Tetrachloroethene	0.00597	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*Toluene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*1,1,1-Trichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*1,1,2-Trichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*Trichloroethene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
*Vinyl chloride	4.65	0.200		mg/L	100	9/29/15 9:00	9/29/15 12:36	SW8260B Re	BDP
*Xylenes (total)	0.246	0.0150		mg/L	1	9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
Surrogate: 4-Bromofluorobenzene		91 %		67-133		9/29/15 9:00	9/29/15 14:37	SW8260B Re	BDP
Surrogate: 4-Bromofluorobenzene		90 %		67-133		9/29/15 9:00	9/29/15 12:36	SW8260B Re	BDP
Surrogate: 4-Bromofluorobenzene		92 %		67-133		9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
Surrogate: 1,2-Dichloroethane-d4		92 %		85-125		9/29/15 9:00	9/29/15 14:37	SW8260B Re	BDP
Surrogate: 1,2-Dichloroethane-d4		94 %		85-125		9/29/15 9:00	9/29/15 12:36	SW8260B Re	BDP
Surrogate: 1,2-Dichloroethane-d4		97 %		85-125		9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
Surrogate: Toluene-d8		87 %		81-116		9/29/15 9:00	9/29/15 14:37	SW8260B Re	BDP
Surrogate: Toluene-d8		91 %		81-116		9/25/15 10:00	9/25/15 19:29	SW8260B Re	JLS
Surrogate: Toluene-d8		88 %		81-116		9/29/15 9:00	9/29/15 12:36	SW8260B Re	BDP

Semi-Volatile Organic Compounds by GC-MS

*Acenaphthene	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Acenaphthylene	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Anthracene	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-139H A03M Tick Properties Decatur, IL
 Client Sample ID: 34525-TW2
 Collection Date: 9/18/15 11:30

Lab Order: 1510397
 Lab ID: 1510397-03
 Matrix: Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Benzo(a)anthracene	U	0.000137		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Benzo(b)fluoranthene	U	0.000143		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Benzo(k)fluoranthene	U	0.000155		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Benzo(g,h,i)perylene	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Benzo(a)pyrene	U	0.000167		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Bis(2-chloroethoxy)methane	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Bis(2-chloroethyl)ether	U	0.00833		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Bis(2-chloroisopropyl)ether	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Bis(2-ethylhexyl)phthalate	U	0.00476		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*4-Bromophenyl phenyl ether	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Butyl benzyl phthalate	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Carbazole	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*4-Chloro-3-methylphenol	U	0.0238		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*4-Chloroaniline	U	0.0238		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*2-Chloronaphthalene	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*2-Chlorophenol	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*4-Chlorophenyl phenyl ether	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Chrysene	U	0.00131		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Di-n-butyl phthalate	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Di-n-octyl phthalate	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Dibenz(a,h)anthracene	U	0.000238		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Dibenzofuran	U	0.00595		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*1,2-Dichlorobenzene	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*1,3-Dichlorobenzene	U	0.00476		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*1,4-Dichlorobenzene	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*3,3'-Dichlorobenzidine	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*2,4-Dichlorophenol	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Diethyl phthalate	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Dimethyl phthalate	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*2,4-Dimethylphenol	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*4,6-Dinitro-2-methylphenol	U	0.00108	M	mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*2,4-Dinitrophenol	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*2,4-Dinitrotoluene	U	0.0000750	M	mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*2,6-Dinitrotoluene	U	0.000228	M	mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Fluoranthene	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Fluorene	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Hexachlorobenzene	U	0.000136	M	mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Hexachlorobutadiene	U	0.00119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Hexachlorocyclopentadiene	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Hexachloroethane	U	0.00595		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Indeno(1,2,3-cd)pyrene	0.000600	0.000357		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Isophorone	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*2-Methylnaphthalene	0.0542	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*2-Methylphenol	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
3 & 4-Methylphenol	U	0.0238		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Naphthalene	0.0771	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*2-Nitroaniline	U	0.0595		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*3-Nitroaniline	U	0.0595		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*4-Nitroaniline	U	0.0238		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Nitrobenzene	U	0.00238		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-139H A03M Tick Properties Decatur, IL
 Client Sample ID: 34525-TW2
 Collection Date: 9/18/15 11:30

Lab Order: 1510397
 Lab ID: 1510397-03
 Matrix: Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*2-Nitrophenol	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*4-Nitrophenol	U	0.0595		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*N-Nitroso-di-n-propylamine	U	0.00131		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*N-Nitrosodiphenylamine	U	0.000667		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Pentachlorophenol	U	0.00119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Phenanthrene	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Phenol	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*Pyrene	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*1,2,4-Trichlorobenzene	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*2,4,5-Trichlorophenol	U	0.0119		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
*2,4,6-Trichlorophenol	U	0.00667		mg/L	1	9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
Surrogate: 2-Fluorobiphenyl		47 %		40-150		9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
Surrogate: 2-Fluorophenol		28 %		10-95		9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
Surrogate: Nitrobenzene-d5		191 % S2		40-150		9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
Surrogate: Phenol-d6		17 %		10-23		9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
Surrogate: 4-Terphenyl-d14		59 %		40-140		9/23/15 9:46	9/23/15 18:45	SW8270C	JKA
Surrogate: 2,4,6-Tribromophenol		56 %		30-100		9/23/15 9:46	9/23/15 18:45	SW8270C	JKA

Polychlorinated Biphenyls by GC-ECD

*Aroclor 1016	U	0.000536		mg/L	1	9/21/15 10:12	9/21/15 16:50	SW8082	AJD
*Aroclor 1221	U	0.000536		mg/L	1	9/21/15 10:12	9/21/15 16:50	SW8082	AJD
*Aroclor 1232	U	0.000536		mg/L	1	9/21/15 10:12	9/21/15 16:50	SW8082	AJD
*Aroclor 1242	U	0.000536		mg/L	1	9/21/15 10:12	9/21/15 16:50	SW8082	AJD
*Aroclor 1248	U	0.000536		mg/L	1	9/21/15 10:12	9/21/15 16:50	SW8082	AJD
*Aroclor 1254	U	0.000536		mg/L	1	9/21/15 10:12	9/21/15 16:50	SW8082	AJD
*Aroclor 1260	U	0.000536		mg/L	1	9/21/15 10:12	9/21/15 16:50	SW8082	AJD
Surrogate: Decachlorobiphenyl		52 % S		60-120		9/21/15 10:12	9/21/15 16:50	SW8082	AJD
Surrogate: Tetrachloro-m-xylene		50 %		30-100		9/21/15 10:12	9/21/15 16:50	SW8082	AJD

Metals by ICP-MS

*Mercury	U	0.000200		mg/L	1	9/21/15 13:21	9/22/15 23:06	SW6020A	CCD
*Selenium	U	0.00500		mg/L	1	9/21/15 13:21	9/22/15 23:06	SW6020A	CCD
*Silver	U	0.00500		mg/L	1	9/21/15 13:21	9/22/15 23:06	SW6020A	CCD

Metals by ICP

*Arsenic	0.0100	0.0100		mg/L	1	9/21/15 13:21	9/22/15 13:15	SW6010B	JTC
*Barium	0.144	0.00500		mg/L	1	9/21/15 13:21	9/22/15 13:15	SW6010B	JTC
*Cadmium	U	0.00500		mg/L	1	9/21/15 13:21	9/22/15 13:15	SW6010B	JTC
*Chromium	0.0226	0.00500		mg/L	1	9/21/15 13:21	9/22/15 13:15	SW6010B	JTC
*Lead	0.0256	0.00500		mg/L	1	9/21/15 13:21	9/22/15 13:15	SW6010B	JTC

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-139H A03M Tick Properties Decatur, IL
 Client Sample ID: 34526-TW1
 Collection Date: 9/18/15 10:40

Lab Order: 15I0397
 Lab ID: 15I0397-04
 Matrix: Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Volatile Organic Compounds by GC-MS									
*Acetone	U	0.0500		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*Benzene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*Bromodichloromethane	U	0.000200		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*Bromoform	U	0.00100		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*Bromomethane	U	0.00980		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*2-Butanone	U	0.0100		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*Carbon disulfide	U	0.0100		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*Carbon tetrachloride	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*Chlorobenzene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*Chloroethane	U	0.0100		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*Chloroform	U	0.000200		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*Chloromethane	U	0.0100		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*Dibromochloromethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*1,1-Dichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*1,2-Dichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*1,1,1-Dichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*cis-1,2-Dichloroethane	U	0.00500		mg/L	1	9/29/15 9:00	9/29/15 16:05	SW8260B Re	BDP
*trans-1,2-Dichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*1,2-Dichloropropane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*cis-1,3-Dichloropropene	U	0.00100		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*trans-1,3-Dichloropropene	U	0.00100		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*Ethylbenzene	0.983	0.250		mg/L	50	9/29/15 9:00	9/29/15 15:06	SW8260B Re	BDP
*2-Hexanone	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*Methyl tert-butyl ether	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*4-Methyl-2-pentanone	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*Methylene chloride	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*Styrene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*1,1,2,2-Tetrachloroethane	U	0.00300		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*Tetrachloroethene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*Toluene	1.20	0.250		mg/L	50	9/29/15 9:00	9/29/15 15:06	SW8260B Re	BDP
*1,1,1-Trichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*1,1,2-Trichloroethane	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*Trichloroethene	0.0371	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*Vinyl chloride	U	0.00200		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*Xylenes (total)	3.58	0.750		mg/L	50	9/29/15 9:00	9/29/15 15:06	SW8260B Re	BDP
Surrogate: 4-Bromofluorobenzene		91 %		67-133		9/29/15 9:00	9/29/15 15:06	SW8260B Re	BDP
Surrogate: 4-Bromofluorobenzene		95 %		67-133		9/29/15 9:00	9/29/15 16:05	SW8260B Re	BDP
Surrogate: 4-Bromofluorobenzene		89 %		67-133		9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
Surrogate: 1,2-Dichloroethane-d4		94 %		85-125		9/29/15 9:00	9/29/15 15:06	SW8260B Re	BDP
Surrogate: 1,2-Dichloroethane-d4		103 %		85-125		9/29/15 9:00	9/29/15 16:05	SW8260B Re	BDP
Surrogate: 1,2-Dichloroethane-d4		106 %		85-125		9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
Surrogate: Toluene-d8		92 %		81-116		9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
Surrogate: Toluene-d8		88 %		81-116		9/29/15 9:00	9/29/15 15:06	SW8260B Re	BDP
Surrogate: Toluene-d8		88 %		81-116		9/29/15 9:00	9/29/15 16:05	SW8260B Re	BDP

Semi-Volatile Organic Compounds by GC-MS

*Acenaphthene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Acenaphthylene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Anthracene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-139H A03M Tick Properties Decatur, IL
 Client Sample ID: 34526-TW1
 Collection Date: 9/18/15 10:40

Lab Order: 15I0397
 Lab ID: 15I0397-04
 Matrix: Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*Benzo(a)anthracene	U	0.000120		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Benzo(b)fluoranthene	U	0.000125		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Benzo(k)fluoranthene	U	0.000135		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Benzo(g,h,i)perylene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Benzo(a)pyrene	U	0.000146		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Bis(2-chloroethoxy)methane	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Bis(2-chloroethyl)ether	U	0.00729		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Bis(2-chloroisopropyl)ether	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Bis(2-ethylhexyl)phthalate	U	0.00417		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*4-Bromophenyl phenyl ether	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Butyl benzyl phthalate	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Carbazole	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*4-Chloro-3-methylphenol	U	0.0208		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*4-Chloroaniline	U	0.0208		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*2-Chloronaphthalene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*2-Chlorophenol	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*4-Chlorophenyl phenyl ether	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Chrysene	U	0.00115		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Di-n-butyl phthalate	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Di-n-octyl phthalate	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Dibenz(a,h)anthracene	U	0.000208		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Dibenzofuran	U	0.00521		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*1,2-Dichlorobenzene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*1,3-Dichlorobenzene	U	0.00417		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*1,4-Dichlorobenzene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*3,3'-Dichlorobenzidine	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*2,4-Dichlorophenol	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Diethyl phthalate	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Dimethyl phthalate	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*2,4-Dimethylphenol	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*4,6-Dinitro-2-methylphenol	U	0.000949	M	mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*2,4-Dinitrophenol	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*2,4-Dinitrotoluene	U	0.0000656	M	mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*2,6-Dinitrotoluene	U	0.000199	M	mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Fluoranthene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Fluorene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Hexachlorobenzene	U	0.000119	M	mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Hexachlorobutadiene	U	0.00104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Hexachlorocyclopentadiene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Hexachloroethane	U	0.00521		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Indeno(1,2,3-cd)pyrene	U	0.000312		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Isophorone	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*2-Methylnaphthalene	0.0634	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*2-Methylphenol	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
3 & 4-Methylphenol	U	0.0208		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Naphthalene	0.191	0.0521		mg/L	5	9/23/15 9:46	9/24/15 14:16	SW8270C	JKA
*2-Nitroaniline	U	0.0521		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*3-Nitroaniline	U	0.0521		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*4-Nitroaniline	U	0.0208		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Nitrobenzene	U	0.00208		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-139H A03M Tick Properties Decatur, IL
 Client Sample ID: 34526-TW1
 Collection Date: 9/18/15 10:40

Lab Order: 1510397
 Lab ID: 1510397-04
 Matrix: Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
*2-Nitrophenol	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*4-Nitrophenol	U	0.0521		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*N-Nitroso-di-n-propylamine	U	0.00115		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*N-Nitrosodiphenylamine	U	0.000583		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Pentachlorophenol	U	0.00104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Phenanthrene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Phenol	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*Pyrene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*1,2,4-Trichlorobenzene	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*2,4,5-Trichlorophenol	U	0.0104		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
*2,4,6-Trichlorophenol	U	0.00583		mg/L	1	9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
Surrogate: 2-Fluorobiphenyl		58 %		40-150		9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
Surrogate: 2-Fluorophenol		36 %		10-95		9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
Surrogate: Nitrobenzene-d5		119 %		40-150		9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
Surrogate: Phenol-d6		126 % S2		10-23		9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
Surrogate: 4-Terphenyl-d14		60 %		40-140		9/23/15 9:46	9/23/15 19:15	SW8270C	JKA
Surrogate: 2,4,6-Tribromophenol		50 %		30-100		9/23/15 9:46	9/23/15 19:15	SW8270C	JKA

Polychlorinated Biphenyls by GC-ECD

*Aroclor 1016	U	0.000464		mg/L	1	9/21/15 10:12	9/21/15 17:08	SW8082	AJD
*Aroclor 1221	U	0.000464		mg/L	1	9/21/15 10:12	9/21/15 17:08	SW8082	AJD
*Aroclor 1232	U	0.000464		mg/L	1	9/21/15 10:12	9/21/15 17:08	SW8082	AJD
*Aroclor 1242	U	0.000464		mg/L	1	9/21/15 10:12	9/21/15 17:08	SW8082	AJD
*Aroclor 1248	U	0.000464		mg/L	1	9/21/15 10:12	9/21/15 17:08	SW8082	AJD
*Aroclor 1254	U	0.000464		mg/L	1	9/21/15 10:12	9/21/15 17:08	SW8082	AJD
*Aroclor 1260	U	0.000464		mg/L	1	9/21/15 10:12	9/21/15 17:08	SW8082	AJD
Surrogate: Decachlorobiphenyl		61 %		60-120		9/21/15 10:12	9/21/15 17:08	SW8082	AJD
Surrogate: Tetrachloro-m-xylene		55 %		30-100		9/21/15 10:12	9/21/15 17:08	SW8082	AJD

Metals by ICP-MS

*Mercury	U	0.000200		mg/L	1	9/21/15 13:21	9/22/15 23:37	SW6020A	CCD
*Selenium	U	0.00500		mg/L	1	9/21/15 13:21	9/22/15 23:37	SW6020A	CCD
*Silver	U	0.00500		mg/L	1	9/21/15 13:21	9/22/15 23:37	SW6020A	CCD

Metals by ICP

*Arsenic	0.0140	0.0100		mg/L	1	9/21/15 13:21	9/22/15 13:21	SW6010B	JTC
*Barium	0.257	0.00500		mg/L	1	9/21/15 13:21	9/22/15 13:21	SW6010B	JTC
*Cadmium	U	0.00500		mg/L	1	9/21/15 13:21	9/22/15 13:21	SW6010B	JTC
*Chromium	U	0.00500		mg/L	1	9/21/15 13:21	9/22/15 13:21	SW6010B	JTC
*Lead	0.0113	0.00500		mg/L	1	9/21/15 13:21	9/22/15 13:21	SW6010B	JTC

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC

Project: 12-139H A03M Tick Properties Decatur, IL

Lab Order: 1510397

Volatile Organic Compounds by GC-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch Y005254 - SW 5030B VOA

Blank (Y005254-BLK1)

Prepared & Analyzed: 09/25/2015

Acetone	U	0.0500	mg/L							
Benzene	U	0.00500	mg/L							
Bromodichloromethane	U	0.000200	mg/L							
Bromoform	U	0.00100	mg/L							
Bromomethane	U	0.00980	mg/L							
2-Butanone	U	0.0100	mg/L							
Carbon disulfide	U	0.0100	mg/L							
Carbon tetrachloride	U	0.00500	mg/L							
Chlorobenzene	U	0.00500	mg/L							
Chloroethane	U	0.0100	mg/L							
Chloroform	U	0.000200	mg/L							
Chloromethane	U	0.0100	mg/L							
Dibromochloromethane	U	0.00500	mg/L							
1,1-Dichloroethane	U	0.00500	mg/L							
1,2-Dichloroethane	U	0.00500	mg/L							
1,1-Dichloroethene	U	0.00500	mg/L							
cis-1,2-Dichloroethene	U	0.00500	mg/L							
trans-1,2-Dichloroethene	U	0.00500	mg/L							
1,2-Dichloropropane	U	0.00500	mg/L							
cis-1,3-Dichloropropene	U	0.00100	mg/L							
trans-1,3-Dichloropropene	U	0.00100	mg/L							
Ethylbenzene	U	0.00500	mg/L							
2-Hexanone	U	0.00500	mg/L							
Methyl tert-butyl ether	U	0.00500	mg/L							
4-Methyl-2-pentanone	U	0.00500	mg/L							
Methylene chloride	U	0.00500	mg/L							
Styrene	U	0.00500	mg/L							
1,1,2,2-Tetrachloroethane	U	0.00300	mg/L							
Tetrachloroethene	U	0.00500	mg/L							
Toluene	U	0.00500	mg/L							
1,1,1-Trichloroethane	U	0.00500	mg/L							
1,1,2-Trichloroethane	U	0.00500	mg/L							
Trichloroethene	U	0.00500	mg/L							
Vinyl chloride	U	0.00200	mg/L							
Xylenes (total)	U	0.0150	mg/L							
Surrogate: 4-Bromofluorobenzene	0.0444		mg/L	0.050000		89	67-133			
Surrogate: 1,2-Dichloroethane-d4	0.0453		mg/L	0.050000		91	85-125			
Surrogate: Toluene-d8	0.0453		mg/L	0.050000		91	81-116			

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC

Project: 12-139H A03M Tick Properties Decatur, IL

Lab Order: 1510397

Volatile Organic Compounds by GC-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch Y005254 - SW 5030B VOA

LCS (Y005254-BS1)

Prepared & Analyzed: 09/25/2015

Benzene	0.0440	0.00500	mg/L	0.050000		88	78-122			
Chlorobenzene	0.0450	0.00500	mg/L	0.050000		90	88-106			
1,1-Dichloroethene	0.0420	0.00500	mg/L	0.050000		84	82-140			
Ethylbenzene	0.0425	0.00500	mg/L	0.050000		85	78-133			
Toluene	0.0434	0.00500	mg/L	0.050000		87	77-121			
Trichloroethene	0.0477	0.00500	mg/L	0.050000		95	84-145			
Xylenes (total)	0.128	0.0150	mg/L	0.15000		85	70-120			
Surrogate: 4-Bromofluorobenzene	0.0440		mg/L	0.050000		88	67-133			
Surrogate: 1,2-Dichloroethane-d4	0.0447		mg/L	0.050000		89	85-125			
Surrogate: Toluene-d8	0.0459		mg/L	0.050000		92	81-116			

Batch Y005317 - SW 5030B VOA

Blank (Y005317-BLK1)

Prepared & Analyzed: 09/29/2015

Acetone	U	0.0500	mg/L							
Benzene	U	0.00500	mg/L							
Bromodichloromethane	U	0.000200	mg/L							
Bromoform	U	0.00100	mg/L							
Bromomethane	U	0.00980	mg/L							
2-Butanone	U	0.0100	mg/L							
Carbon disulfide	U	0.0100	mg/L							
Carbon tetrachloride	U	0.00500	mg/L							
Chlorobenzene	U	0.00500	mg/L							
Chloroethane	U	0.0100	mg/L							
Chloroform	U	0.000200	mg/L							
Chloromethane	U	0.0100	mg/L							
Dibromochloromethane	U	0.00500	mg/L							
1,1-Dichloroethane	U	0.00500	mg/L							
1,2-Dichloroethane	U	0.00500	mg/L							
1,1-Dichloroethene	U	0.00500	mg/L							
cis-1,2-Dichloroethene	U	0.00500	mg/L							
trans-1,2-Dichloroethene	U	0.00500	mg/L							
1,2-Dichloropropane	U	0.00500	mg/L							
cis-1,3-Dichloropropene	U	0.00100	mg/L							
trans-1,3-Dichloropropene	U	0.00100	mg/L							
Ethylbenzene	U	0.00500	mg/L							
2-Hexanone	U	0.00500	mg/L							
Methyl tert-butyl ether	U	0.00500	mg/L							
4-Methyl-2-pentanone	U	0.00500	mg/L							
Methylene chloride	U	0.00500	mg/L							
Styrene	U	0.00500	mg/L							
1,1,2,2-Tetrachloroethane	U	0.00300	mg/L							
Tetrachloroethene	U	0.00500	mg/L							
Toluene	U	0.00500	mg/L							
1,1,1-Trichloroethane	U	0.00500	mg/L							

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-139H A03M Tick Properties Decatur, IL

Lab Order: 1510397

Volatile Organic Compounds by GC-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch Y005317 - SW 5030B VOA

Blank (Y005317-BLK1)

Prepared & Analyzed: 09/29/2015

1,1,2-Trichloroethane	U	0.00500	mg/L						
Trichloroethene	U	0.00500	mg/L						
Vinyl chloride	U	0.00200	mg/L						
Xylenes (total)	U	0.0150	mg/L						
Surrogate: 4-Bromofluorobenzene	0.0443		mg/L	0.050000		89		67-133	
Surrogate: 1,2-Dichloroethane-d4	0.0436		mg/L	0.050000		87		85-125	
Surrogate: Toluene-d8	0.0439		mg/L	0.050000		88		81-116	

LCS (Y005317-BS1)

Prepared & Analyzed: 09/29/2015

Benzene	0.0474	0.00500	mg/L	0.050000		95		78-122	
Chlorobenzene	0.0448	0.00500	mg/L	0.050000		90		88-106	
1,1-Dichloroethene	0.0433	0.00500	mg/L	0.050000		87		82-140	
Ethylbenzene	0.0430	0.00500	mg/L	0.050000		86		78-133	
Toluene	0.0437	0.00500	mg/L	0.050000		87		77-121	
Trichloroethene	0.0510	0.00500	mg/L	0.050000		102		84-145	
Xylenes (total)	0.131	0.0150	mg/L	0.15000		87		70-120	
Surrogate: 4-Bromofluorobenzene	0.0469		mg/L	0.050000		94		67-133	
Surrogate: 1,2-Dichloroethane-d4	0.0479		mg/L	0.050000		96		85-125	
Surrogate: Toluene-d8	0.0436		mg/L	0.050000		87		81-116	

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC

Project: 12-139H A03M Tick Properties Decatur, IL

Lab Order: 1510397

Semi-Volatile Organic Compounds by GC-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch Y005184 - SW 3510C BNA

Blank (Y005184-BLK1)

Prepared & Analyzed: 09/23/2015

Acenaphthene	U	0.0100	mg/L							
Acenaphthylene	U	0.0100	mg/L							
Anthracene	U	0.0100	mg/L							
Benzo(a)anthracene	U	0.000115	mg/L							
Benzo(b)fluoranthene	U	0.000120	mg/L							
Benzo(k)fluoranthene	U	0.000130	mg/L							
Benzo(g,h,i)perylene	U	0.0100	mg/L							
Benzo(a)pyrene	U	0.000140	mg/L							
Bis(2-chloroethoxy)methane	U	0.0100	mg/L							
Bis(2-chloroethyl)ether	U	0.00700	mg/L							
Bis(2-chloroisopropyl)ether	U	0.0100	mg/L							
Bis(2-ethylhexyl)phthalate	U	0.00400	mg/L							
4-Bromophenyl phenyl ether	U	0.0100	mg/L							
Butyl benzyl phthalate	U	0.0100	mg/L							
Carbazole	U	0.0100	mg/L							
4-Chloro-3-methylphenol	U	0.0200	mg/L							
4-Chloroaniline	U	0.0200	mg/L							
2-Chloronaphthalene	U	0.0100	mg/L							
2-Chlorophenol	U	0.0100	mg/L							
4-Chlorophenyl phenyl ether	U	0.0100	mg/L							
Chrysene	U	0.00110	mg/L							
Di-n-butyl phthalate	U	0.0100	mg/L							
Di-n-octyl phthalate	U	0.0100	mg/L							
Dibenz(a,h)anthracene	U	0.000200	mg/L							
Dibenzofuran	U	0.00500	mg/L							
1,2-Dichlorobenzene	U	0.0100	mg/L							
1,3-Dichlorobenzene	U	0.00400	mg/L							
1,4-Dichlorobenzene	U	0.0100	mg/L							
3,3'-Dichlorobenzidine	U	0.0100	mg/L							
2,4-Dichlorophenol	U	0.0100	mg/L							
Diethyl phthalate	U	0.0100	mg/L							
Dimethyl phthalate	U	0.0100	mg/L							
2,4-Dimethylphenol	U	0.0100	mg/L							
4,6-Dinitro-2-methylphenol	U	0.00600	mg/L							M
2,4-Dinitrophenol	U	0.0100	mg/L							
2,4-Dinitrotoluene	U	0.0000670	mg/L							M
2,6-Dinitrotoluene	U	0.000220	mg/L							M
Fluoranthene	U	0.0100	mg/L							
Fluorene	U	0.0100	mg/L							
Hexachlorobenzene	U	0.000120	mg/L							M
Hexachlorobutadiene	U	0.00100	mg/L							
Hexachlorocyclopentadiene	U	0.0100	mg/L							
Hexachloroethane	U	0.00500	mg/L							
Indeno(1,2,3-cd)pyrene	U	0.000300	mg/L							

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-139H A03M Tick Properties Decatur, IL

Lab Order: 1510397

Semi-Volatile Organic Compounds by GC-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch Y005184 - SW 3510C BNA

Blank (Y005184-BLK1)

Prepared & Analyzed: 09/23/2015

Isophorone	U	0.0100	mg/L							
2-Methylnaphthalene	U	0.0100	mg/L							
2-Methylphenol	U	0.0100	mg/L							
3 & 4-Methylphenol	U	0.0200	mg/L							
Naphthalene	U	0.0100	mg/L							
2-Nitroaniline	U	0.0500	mg/L							
3-Nitroaniline	U	0.0500	mg/L							
4-Nitroaniline	U	0.0200	mg/L							
Nitrobenzene	U	0.00200	mg/L							
2-Nitrophenol	U	0.0100	mg/L							
4-Nitrophenol	U	0.0500	mg/L							
N-Nitroso-di-n-propylamine	U	0.00110	mg/L							
N-Nitrosodiphenylamine	U	0.000560	mg/L							
Pentachlorophenol	U	0.00100	mg/L							
Phenanthrene	U	0.0100	mg/L							
Phenol	U	0.0100	mg/L							
Pyrene	U	0.0100	mg/L							
1,2,4-Trichlorobenzene	U	0.0100	mg/L							
2,4,5-Trichlorophenol	U	0.0100	mg/L							
2,4,6-Trichlorophenol	U	0.00560	mg/L							
Surrogate: 2-Fluorobiphenyl	0.0129		mg/L	0.020000		64	40-150			
Surrogate: 2-Fluorophenol	0.00621		mg/L	0.030000		21	10-95			
Surrogate: Nitrobenzene-d5	0.0127		mg/L	0.020000		63	40-150			
Surrogate: Phenol-d6	0.00361		mg/L	0.030000		12	10-23			
Surrogate: 4-Terphenyl-d14	0.0149		mg/L	0.020000		75	40-140			
Surrogate: 2,4,6-Tribromophenol	0.0122		mg/L	0.030000		41	30-100			

LCS (Y005184-BS1)

Prepared & Analyzed: 09/23/2015

Acenaphthene	0.0133	0.0100	mg/L	0.020000		66	40-120			
4-Chloro-3-methylphenol	0.0234	0.0200	mg/L	0.040000		59	40-115			
2-Chlorophenol	0.0243	0.0100	mg/L	0.040000		61	36-106			
1,4-Dichlorobenzene	0.0108	0.0100	mg/L	0.020000		54	26-96			
2,4-Dinitrotoluene	0.0114	0.0000670	mg/L	0.020000		57	27-125			
4-Nitrophenol	0.00777	0.0500	mg/L	0.040000		19	10-90			
N-Nitroso-di-n-propylamine	0.0113	0.00110	mg/L	0.020000		56	40-130			
Pentachlorophenol	0.0292	0.00100	mg/L	0.040000		73	40-140			
Phenol	0.00587	0.0100	mg/L	0.040000		15	5-48			
Pyrene	0.0145	0.0100	mg/L	0.020000		73	34-122			
1,2,4-Trichlorobenzene	0.0112	0.0100	mg/L	0.020000		56	25-102			
Surrogate: 2-Fluorobiphenyl	0.0129		mg/L	0.020000		64	40-150			
Surrogate: 2-Fluorophenol	0.00539		mg/L	0.030000		18	10-95			
Surrogate: Nitrobenzene-d5	0.0114		mg/L	0.020000		57	40-150			
Surrogate: Phenol-d6	0.00308		mg/L	0.030000		10	10-23			
Surrogate: 4-Terphenyl-d14	0.0150		mg/L	0.020000		75	40-140			
Surrogate: 2,4,6-Tribromophenol	0.0115		mg/L	0.030000		38	30-100			

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC

Project: 12-139H A03M Tick Properties Decatur, IL

Lab Order: 1510397

Polychlorinated Biphenyls by GC-ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch Y005130 - SW 3510C PCB

Blank (Y005130-BLK1)

Prepared & Analyzed: 09/21/2015

Aroclor 1016	U	0.000450	mg/L							
Aroclor 1221	U	0.000450	mg/L							
Aroclor 1232	U	0.000450	mg/L							
Aroclor 1242	U	0.000450	mg/L							
Aroclor 1248	U	0.000450	mg/L							
Aroclor 1254	U	0.000450	mg/L							
Aroclor 1260	U	0.000450	mg/L							

Surrogate: Decachlorobiphenyl	0.00198		mg/L	0.0020000		99	60-120			
Surrogate: Tetrachloro-m-xylene	0.00115		mg/L	0.0020000		58	30-100			

LCS (Y005130-BS1)

Prepared & Analyzed: 09/21/2015

Aroclor 1016	0.0167	0.000500	mg/L	0.020000		84	70-130			
Aroclor 1260	0.0180	0.000500	mg/L	0.020000		90	70-130			

Surrogate: Decachlorobiphenyl	0.00200		mg/L	0.0020000		100	60-120			
Surrogate: Tetrachloro-m-xylene	0.00117		mg/L	0.0020000		58	30-100			

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-139H A03M Tick Properties Decatur, IL

Lab Order: 15I0397

Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch Y005143 - SW 3005A Metals

Blank (Y005143-BLK1)

Prepared: 09/21/2015 Analyzed: 09/23/2015

Mercury	U	0.000200	mg/L							
Selenium	U	0.00500	mg/L							
Silver	U	0.00500	mg/L							

LCS (Y005143-BS1)

Prepared: 09/21/2015 Analyzed: 09/23/2015

Mercury	0.0187	0.000200	mg/L	0.020000		93	80-120			
Selenium	0.484	0.00500	mg/L	0.50000		97	80-120			
Silver	0.0497	0.00500	mg/L	0.050000		99	80-120			

Matrix Spike (Y005143-MS1)

Source: 15I0397-01

Prepared: 09/21/2015 Analyzed: 09/22/2015

Mercury	0.0183	0.000200	mg/L	0.020000	ND	91	75-125			
Selenium	0.481	0.00500	mg/L	0.50000	ND	96	75-125			
Silver	0.0460	0.00500	mg/L	0.050000	ND	92	75-125			

Matrix Spike Dup (Y005143-MSD1)

Source: 15I0397-01

Prepared: 09/21/2015 Analyzed: 09/22/2015

Mercury	0.0176	0.000200	mg/L	0.020000	ND	88	75-125	4	20	
Selenium	0.484	0.00500	mg/L	0.50000	ND	97	75-125	0.5	20	
Silver	0.0440	0.00500	mg/L	0.050000	ND	88	75-125	4	20	

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC
 Project: 12-139H A03M Tick Properties Decatur, IL

Lab Order: 15I0397

Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch Y005141 - SW 3005A Metals

Blank (Y005141-BLK1)

Prepared: 09/21/2015 Analyzed: 09/22/2015

Arsenic	U	0.0100	mg/L							
Barium	U	0.00500	mg/L							
Cadmium	U	0.00500	mg/L							
Chromium	U	0.00500	mg/L							
Lead	U	0.00500	mg/L							

Blank (Y005141-BLK2)

Prepared: 09/21/2015 Analyzed: 09/22/2015

Arsenic	U	0.0100	mg/L							
Barium	U	0.00500	mg/L							
Cadmium	U	0.00500	mg/L							
Chromium	U	0.00500	mg/L							
Lead	U	0.00500	mg/L							

LCS (Y005141-BS1)

Prepared: 09/21/2015 Analyzed: 09/22/2015

Arsenic	0.497	0.0100	mg/L	0.50000		99	85-115			
Barium	0.488	0.00500	mg/L	0.50000		98	85-115			
Cadmium	0.492	0.00500	mg/L	0.50000		98	85-115			
Chromium	0.499	0.00500	mg/L	0.50000		100	85-115			
Lead	0.487	0.00500	mg/L	0.50000		97	85-115			

Matrix Spike (Y005141-MS1)

Source: 15I0397-01

Prepared: 09/21/2015 Analyzed: 09/22/2015

Arsenic	0.514	0.0100	mg/L	0.50000	ND	103	75-125			
Barium	0.667	0.00500	mg/L	0.50000	0.189	96	75-125			
Cadmium	0.479	0.00500	mg/L	0.50000	0.000586	96	75-125			
Chromium	0.506	0.00500	mg/L	0.50000	0.0104	99	75-125			
Lead	0.484	0.00500	mg/L	0.50000	0.0164	94	75-125			

Matrix Spike Dup (Y005141-MSD1)

Source: 15I0397-01

Prepared: 09/21/2015 Analyzed: 09/22/2015

Arsenic	0.523	0.0100	mg/L	0.50000	ND	105	75-125	2	20	
Barium	0.677	0.00500	mg/L	0.50000	0.189	98	75-125	1	20	
Cadmium	0.489	0.00500	mg/L	0.50000	0.000586	98	75-125	2	20	
Chromium	0.513	0.00500	mg/L	0.50000	0.0104	100	75-125	1	20	
Lead	0.496	0.00500	mg/L	0.50000	0.0164	96	75-125	2	20	

Prairie Analytical Systems, Inc.

Date: 9/29/2015

LABORATORY RESULTS

Client: Fehr-Graham & Associates, LLC**Project:** 12-139H A03M Tick Properties Decatur, IL**Lab Order:** 1510397

Notes and Definitions

- S2 Surrogate recovery exceeds the acceptance criteria due to matrix interference, but there is no observable concentration in associated analyte(s).
- S Spike recovery outside acceptance limits.
- M Reporting limit set between LOQ and MDL.
- * NELAC certified compound.
- U Analyte not detected (i.e. less than RL or MDL).

Chain of Custody Record

Central IL 1210 Capital Airport Drive • Springfield IL 62707-8400 Phone (217) 253-1418 • Fax (217) 253-1412
 Chicago IL Office • 9114 Ingomar Rd. Ste 112 Lake in the Hills IL 60156 Phone (847) 651-2034 • Facsimile (847) 651-9686
 Central/Southern IL Office Phone (217) 414-7702 • Facsimile (217) 223-7922



Client Fehr Graham		Analysis and/or Method Requested TCL VOCs, TCL SVCS, TCL PCBs, Dioxins & Furans										Reporting Resid ☐ Ind/Comm ☐					
Address 200 Prairie St., Suite 208												TACO ☐ Ind/Comm ☐					
City, State, Zip Code Rockford, IL 61077												CALM ☐ A ☐ B ☐ C ☐ F ☐					
Phone / Facsimile 815-394-4700												RISC ☐ Resid ☐ Indust ☐					
Project Name / Number 12-1554 A03M Tech Properties												Sampler Comments					
Project Location Deerfield, IL																	
P.O. # or Invoice To Fehr Graham																	
Contact Person Even Toledo																	
Sample Description	Sampling		Matrix Code	Preserv Code	No of Containers	Sample Type		Date	Time	Date	Time	Date	Time	Date	Time	Date	Time
	Date	Time				Comp	Grab										
34523-TW3	9/18/15	9:15am	GW	136	5												
34524-TW3TW		9:15am															
34525-TW2		11:30am															
34526-TW1		10:40am															
Matrix Code: A - Aqueous, G - Ground Water, DW - Drinking Water, 1 - HCl, 2 - H2SO4, 3 - HNO3, 4 - NaOH, 5 - Solid, 6 - Gas, 7 - Other (Specify)																	
Relinquished By: Guyler Date: 9/18/15 Time: 1:25pm Received By: [Signature] Date: 9-18-15 Time: 13:28 Method of Shipment: Hand																	
Temperature (C) 4.1																	

Development Services

DATE: 4/4/2017**MEMO:****TO:** Honorable Mayor Julie Moore Wolfe and City Council Members**FROM:** Tim Gleason, City Manager
Billy Tyus, Assistant City Manager**SUBJECT:**

Resolution Authorizing Agreement with MDA Properties to Redevelop 100 Block of West Main St., the 100 Block of West Wood St., the 100 Block of South Church St. and the 200 Block of South Church St.

SUMMARY RECOMMENDATION: Staff recommends approval of the attached resolution authorizing an agreement with MDA Properties LLC to redevelop properties in the Downtown Central Business District.

BACKGROUND: As per terms of this agreement, by December 31 2017 MDA agrees to expend what is estimated to be more than \$2 million redevelop properties in the blocks listed above with new residential apartments and office/commercial development and to expend an additional estimated \$302,000 for public infrastructure improvements (retaining wall and sidewalk repair, parking realignment). In addition, MDA would eradicate significant environmental issues left by previous users, building upon the more than \$560,000 already expended by the company to redevelop the block.

The work would come without additional incentive and in exchange for the release of a lien on property located at 101 S. Main St. placed with a previous property owner.

On April 7, 1998 the city entered into an agreement with the now-defunct Real Estate Investors of Decatur, the previous owner of the property located at 101 S. Main St., to provide Section 108 funding not to exceed \$1.4 million to redevelop the site. The Section 108 program is designed to spur private economic activity among other goals and as part of the agreement the city placed a lien on the property to ensure development. Current owners MDA Properties have since carried out development on site since the company took ownership in 2003, making substantial investment and increasing the value of the property. MDA has redeveloped the premises in keeping with the objectives of the program with the property having increased in assessed value from \$111,478.84 in 2002, the year prior to the developer taking ownership to \$781,724.42 in tax year 2015 payable in 2016 according to the Macon County Supervisor of Assessments.

PRIOR COUNCIL ACTION: None

STAFF REFERENCE: Tim Gleason, City Manager at tgleason@decaturil.gov or 217-424-2801, Billy Tyus at 217,424-2727 or btyus@decaturil.gov or Wendy Morthland at 217-424-2807 or wmorthland@decaturil.gov.

BUDGET/TIME IMPLICATIONS: Further investment estimated to increase taxable value of downtown properties and potentially provide additional downtown residential development.

ATTACHMENTS:

Description	Type
<u>Resolution</u>	Resolution Letter



Letter of Transmittal

Date: May 3, 2017

To: Mr. Tim Raycraft
101 S. Main St., Suite 800
Decatur IL 62523

From: Debbie Bright
City Clerk
1 Gary K. Anderson Plaza
Decatur, IL 62523

Dear Mr. Raycraft:

Enclosed is a copy of the fully executed Redevelopment Agreement between the City of Decatur and MDA Properties, LLC for your records.

Thank you.

Enclosure

AMENDMENT

THIS AMENDMENT ("Amendment") is entered into this _____ day of _____, 2017 between the CITY OF DECATUR, an Illinois municipal corporation (hereinafter referred to as the "City") and MDA PROPERTIES, LLC, an Illinois Limited Liability Corporation, (herein referred to as the "Developer").

WHEREAS, the City and Developer entered into an Agreement dated April 17, 2017 regarding property in Decatur, Illinois as more particularly described in the agreement; and

WHEREAS, The Developer has already completed a substantial number of projects as required in the agreement and during planning for said work, realized that there are opportunities to add additional residential and commercial development to the project in addition to what is being required; and

WHEREAS, in order to facilitate the additional development, the City and the Developer desire to amend certain terms and conditions in the agreement as provided in this Amendment.

NOW, THEREFORE, in consideration of the promises and mutual covenants and obligations of the parties contained in the agreement, and other good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the parties hereto, intending to be legally bound, hereby covenant and agree as follows:

1. The periods to satisfy or waive the conditions described in Paragraphs 1, 2, 3, 4 and 5 are extended so that they shall now expire on August 31, 2018.
2. All capitalized terms in this Amendment shall have the meaning given to them in the Contract, unless given a different meaning in this Amendment.
3. As modified above, all of the remainder of the Contract is ratified and confirmed and remains in full force and effect.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement and caused their respective seals to be affixed and attested thereto as of the date first above written.

CITY OF DECATUR, ILLINOIS,
an Illinois municipal corporation

By: _____
Julie Moore Wolfe, Mayor - City of Decatur

ATTEST:

Debra Bright, City Clerk

MAIN PLACE PROPERTIES
an Illinois Limited Liability Company

By: _____
Its MANAGER

ATTEST:
Madison Davis

Its property manager

Economic & Community Development

DATE: 12/4/2017

MEMO: No. 17-35

TO: Honorable Mayor Julie Moore Wolfe and City Council

FROM: Tim Gleason, City Manager
Raymond Lai, Director of Economic and Community Development
Richelle D. Irons, Neighborhood Services Manager

SUBJECT: Adoption of FY17-18 Annual Action Plan for CDBG and HOME Funds

SUMMARY RECOMMENDATION:

Staff recommends adoption of the FY17-18 Annual Action Plan for CDBG and HOME funds. The U. S. Department of Housing and Urban Development reviewed and approved the City's Annual Action Plan for FY 17-18. This year's allocation includes \$1,262,151 in Community Development Block Grant funds and \$330,899 in HOME Investment Partnership funds.

BACKGROUND:

In accordance with the guidelines set forth by the U. S. Department of Housing and Urban Development (HUD), the Neighborhood Outreach Division develops an Annual Action Plan. The Annual Action Plan describes funding allocations for Fiscal Year 2017-18 along with strategic implementation of the priorities identified in the City's Five Year Consolidated Plan, FY 2015-2019. The City Council reviewed and approved the CDBG and HOME funds during the adoption of the City's budget.

The FY 17-18 Annual Action Plan is available for public review in three locations: Decatur Public Library, Decatur Housing Authority Administrative Office, and the Economic and Community Development Department. The final approved plan is available for review on the City's web site.

POTENTIAL OBJECTIONS: Staff is not aware of objections.

INPUT FROM OTHER SOURCES:

Comments and information were secured through public meetings and input from a variety of community organizations.

STAFF REFERENCE: Should the City Council have any questions, they may contact Richelle D. Irons, Neighborhood Services Manager, at 424-2864 or e-mail riron@decaturil.gov.

BUDGET/TIME IMPLICATIONS: None

ATTACHMENTS:

Description	Type
Resolution	Resolution Letter
CDBG Agreement	Backup Material
HOME Agreement	Backup Material

**RESOLUTION AUTHORIZING
U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
FUND ALLOCATION FOR THE
ANNUAL ACTION PLAN FY 2017-18**

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DECATUR, ILLINOIS;

Section 1. That the allocation of the Community Development Block Grant (CDBG) and HOME Investment Partnership funds as outlined in the FY2017/2018 Annual Action Plan be, and the same are, hereby approved and placed on file.

Section 2. That the Mayor or City Manager and the City Clerk be, and they are hereby, authorized and directed to sign, seal and attest this resolution on behalf of the City of Decatur.

PRESENTED AND ADOPTED this 4th day of December, 2017.

JULIE MOORE WOLFE, MAYOR

ATTEST:

CITY CLERK

Funding Approval/Agreement

Title I of the Housing and Community
Development Act (Public Law 930383)
HI-00515R of 20515R

U.S. Department of Housing and Urban Development
Office of Community Planning and Development
Community Development Block Grant Program

OMB Approval No. 2506-0193
exp 5/31/2018

1. Name of Grantee (as shown in item 5 of Standard Form 424) City of Decatur	3a. Grantee's 9-digit Tax ID Number 376001308	3b. Grantee's 9-digit DUNS Number 075613000
2. Grantee's Complete Address (as shown in item 5 of Standard Form 424) 1 Gary K Anderson Plz Decatur, IL 62523-1005	4. Date use of funds may begin (05/01/2017)	
	5a. Project/Grant No. 1 B-17-MC-17-0008	6a. Amount Approved \$1,262,151.00
	5b. Project/Grant No. 2	6b. Amount Approved

Grant Agreement: This Grant Agreement between the Department of Housing and Urban Development (HUD) and the above named Grantee is made pursuant to the authority of Title I of the Housing and Community Development Act of 1974, as amended, (42 USC 5301 et seq.). The Grantee's submissions for Title I assistance, the HUD regulations at 24 CFR Part 570 (as now in effect and as may be amended from time to time), and this Funding Approval, including any special conditions, constitute part of the Agreement. Subject to the provisions of this Grant Agreement, HUD will make the funding assistance specified here available to the Grantee upon execution of the Agreement by the parties. The funding assistance specified in the Funding Approval may be used to pay costs incurred after the date specified in item 4 above provided the activities to which such costs are related are carried out in compliance with all applicable requirements. Pre-agreement costs may not be paid with funding assistance specified here unless they are authorized in HUD regulations or approved by waiver and listed in the special conditions to the Funding Approval. The Grantee agrees to assume all of the responsibilities for environmental review, decision making, and actions, as specified and required in regulations issued by the Secretary pursuant to Section 104(g) of Title I and published in 24 CFR Part 58. The Grantee further acknowledges its responsibility for adherence to the Agreement by sub-recipient entities to which it makes funding assistance hereunder available.

U.S. Department of Housing and Urban Development (By Name) Ray E. Willis		Grantee Name Julie Moore Wolfe		
Title CPD Director		Title Mayor		
Signature X	Date (mm/dd/yyyy) 10/19/2017	Signature	Date (mm/dd/yyyy)	
7. Category of Title I Assistance for this Funding Action: Entitlement, Sec 106(b)	8. Special Conditions (check one) None Attached X	9a. Date HUD Received Submission (08/04/2017)	10. check one a. Orig. Funding Approval X b. Amendment Amendment Number	
		9b. Date Grantee Notified (mm/dd/yyyy) 10/19/2017		
		9c. Date of Start of Program Year (05/01/2017)		
	11. Amount of Community Development Block Grant	FY (2017)	FY (2016)	FY ()
	c. Funds Reserved for this Grantee	\$1,262,045.00	\$ 106.00	
d. Funds now being Approved				
Reservation to be Cancelled (11a minus 11b)				
12a. Amount of Loan Guarantee Commitment now being Approved N/A		12b. Name and complete Address of Public Agency City Of Decatur 1 Gary K Anderson Plz Decatur, IL 62523		
Loan Guarantee Acceptance Provisions for Designated Agencies: The public agency hereby accepts the Grant Agreement executed by the Department of Housing and Urban Development on the above date with respect to the above grant number(s) as Grantee designated to receive loan guarantee assistance, and agrees to comply with the terms and conditions of the Agreement, applicable regulations, and other requirements of HUD now or hereafter in effect, pertaining to the assistance provided it.		12. Name of Authorized Official for Designated Public Agency		
		Title		
		Signature		

HUD Accounting use Only

Batch	TAC	Program Y A Reg Area Document No.	Project Number	Category	Amount	Effective Date (mm/dd/yyyy)	F
	153						
	76						
		Y					
		Y					

Date Entered PAS (mm/dd/yyyy) Date Entered LOCCS (mm/dd/yyyy) Batch Number Transaction Code Entered By Verified By

24 CFR 570

form HUD-7082 (5/15)

Funding Approval and HOME Investment Partnerships Agreement

Title II of the National Affordable Housing Act

U.S. Department of Housing and Urban Development
Office of Community Planning and Development

1. Participant Name and Address City Of Decatur 1 Gary K Anderson Plz Decatur, IL 62523-1005		2. Grant Number: M17-MC170203 <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; vertical-align: top;"> 3a Tax Identification Number: 376001308 </td> <td style="width:50%; vertical-align: top;"> 3b. Unique Entity Identifier (formerly DUNS): 075613000 </td> </tr> <tr> <td style="width:50%; vertical-align: top;"> 4. Appropriation Number 86 7/0 0205 </td> <td style="width:50%; vertical-align: top;"> 5. FY (yyyy) 2017 </td> </tr> </table>		3a Tax Identification Number: 376001308	3b. Unique Entity Identifier (formerly DUNS): 075613000	4. Appropriation Number 86 7/0 0205	5. FY (yyyy) 2017											
3a Tax Identification Number: 376001308	3b. Unique Entity Identifier (formerly DUNS): 075613000																	
4. Appropriation Number 86 7/0 0205	5. FY (yyyy) 2017																	
6. Previous Obligation (Enter "0" for initial FY allocation)		\$0.00																
a. Formula Funds		\$330,899.00																
b. Community Housing Development Org. (CHDO) Competitive		\$																
7. Current Transaction (+ or -)		\$330,899.00																
a. Formula Funds		\$330,899.00																
1. CHDO (For deobligations only)		\$																
2. Non- CHDO (For deobligations only)		\$																
b. CHDO Competitive Reallocation or Deobligation		\$																
8. Revised Obligation		\$																
a. Formula Funds		\$																
b. CHDO Competitive Reallocation		\$																
9. Special Conditions (check applicable box) ☒ Not applicable ☐ Attached		10. Date of Obligation (Congressional Release Date) (mm/dd/yyyy): 10/19/2017																
11. Indirect Cost Rate* <table style="width:100%;"> <tr> <th style="text-align: left;">Administering Agency/Dept.</th> <th style="text-align: left;">Indirect Cost Rate</th> <th style="text-align: left;">Direct Cost Base</th> </tr> <tr> <td>_____</td> <td>_____ %</td> <td></td> </tr> <tr> <td>_____</td> <td>_____ %</td> <td></td> </tr> <tr> <td>_____</td> <td>_____ %</td> <td></td> </tr> <tr> <td>_____</td> <td>_____ %</td> <td></td> </tr> </table>		Administering Agency/Dept.	Indirect Cost Rate	Direct Cost Base	_____	_____ %		_____	_____ %		_____	_____ %		_____	_____ %		12. Period of Performance: Date in Box #10 - 09/01/2025	
Administering Agency/Dept.	Indirect Cost Rate	Direct Cost Base																
_____	_____ %																	
_____	_____ %																	
_____	_____ %																	
_____	_____ %																	

* If funding assistance will be used for payment of indirect costs pursuant to 2 CFR 200, Subpart E-Cost Principles, provide the name of the department/agency, its indirect cost rate (including if the de minimis rate is charged per 2 § CFR 200.414), and the direct cost base to which the rate will be applied. Do not include cost rates for subrecipients.

This Agreement between the Department of Housing and Urban Development (HUD) and the Participating Jurisdiction/Entity is made pursuant to the authority of the HOME Investment Partnerships Act (42 U.S.C. 12701 et seq.). The Participating Jurisdiction's /Entity's approved Consolidated Plan submission/Application and the HUD regulations at 24 CFR Part 92 (as is now in effect and as may be amended from time to time) and this HOME Investment Partnership Agreement, form HUD-40093, including any special conditions, constitute part of this Agreement. Subject to the provisions of this Agreement, HUD will make the funds for the Fiscal Year specified, available to the Participating Jurisdiction/Entity upon execution of this Agreement by the parties. All funds for the specified Fiscal Year provided by HUD by formula reallocation are covered by this Agreement upon execution of an amendment by HUD, without the Participating Jurisdiction's execution of the amendment or other consent. HUD's payment of funds under this Agreement is subject to the Participating Jurisdiction's/Entity's compliance with HUD's electronic funds transfer and information reporting procedures issued pursuant to 24 CFR 92.502. To the extent authorized by HUD regulations at 24 CFR Part 92, HUD may, by its execution of an amendment, deobligate funds previously awarded to the Participating Jurisdiction/Entity without the Participating Jurisdiction's/Entity's execution of the amendment or other consent. The Participating Jurisdiction/Entity agrees that funds invested in affordable housing under 24 CFR Part 92 are repayable when the housing no longer qualifies as affordable housing. Repayment shall be made as specified in 24 CFR Part 92. The Participating Jurisdiction agrees to assume all of the responsibility for environmental review, decision making, and actions, as specified and required in regulation at 24 CFR 92.352 and 24 CFR Part 58.

The Grantee shall comply with requirements established by the Office of Management and Budget (OMB) concerning the Universal Numbering System and System for Award Management (SAM) requirements in Appendix A to 2 CFR part 25, and the Federal Funding Accountability and Transparency Act (FFATA) in Appendix A to 2 CFR part 170.

The Period of Performance for the funding assistance shall begin on the date specified in item 12 and shall end on September 1st of the 5th fiscal year after the expiration of the period of availability for obligation. Funds remaining in the account will be cancelled and thereafter not available for obligation or expenditure for any purpose. Per 31 U.S.C. 1552. The grantee shall not incur any obligations to be paid with such assistance after the end of the Period of Performance.

13. For the U.S. Department of HUD (Name and Title of Authorized Official) Ray E. Willis, Director, Community Planning and Development	14. Signature 	15. Date 10/19/2017
16. For the Participating Jurisdiction/Entity (Name and Title of Authorized Official) Julie Moore Wolfe, Mayor	17. Signature	18. Date / /

19. Check one:

☒ Initial Agreement ☐ Amendment #

20. Funding Information: <i>HOME</i>			
Source of Funds	Appropriation Code	PAS Code	Amount
2017	867/00205	HMF	\$327,209.00
2015	865/80205	HMF	\$1,279.00
2016	866/90205	HMF	\$1,949.00
2016x	86X0205 - 16	HMF	\$ 393.00
2017x	86X0205 - 17	HMF	\$ 69.00

Economic & Community Development

DATE: 12/4/2017

MEMO: No. 17-36

TO: Honorable Mayor Julie Moore Wolfe and City Council

FROM: Tim Gleason, City Manager
Raymond Lai, Director of Economic and Community Development
Richelle D. Irons, Neighborhood Services Manager

SUBJECT:

Resolution authorizing Deputy City Manager and/or Director of Economic and Community Development to approve HUD project agreements, expenditures and/or environmental documents.

SUMMARY RECOMMENDATION:

Staff recommends authorization of the Deputy City Manager and/or the Director of Economic and Community Development to approve and sign project agreements, expenditures and environmental reviews for CDBG and HOME funded activities.

BACKGROUND:

In accordance with the guidelines set forth by the U. S. Department of Housing and Urban Development (HUD), the Neighborhood Services Division develops an Annual Action Plan. The Annual Action Plan describes funding allocations for the federal fiscal year along with strategic implementation of the priorities identified in the City's Five Year Consolidated Plan. Each year the City Council reviews and approves the CDBG and HOME funds during the adoption of the City's budget and the Annual Action Plan.

This authorization allows approval and sign-off as an Authorized Official for a variety of programs and projects. Those include: the Emergency Program, Homeowner Residential Rehabilitation, Homebuyer Assistance and any programs approved that are defined in the Annual Action Plan. These programs provide direct assistance to qualified HUD households within the City of Decatur. Environmental Reviews, demolitions, administrative activities are also included as programs or projects.

POTENTIAL OBJECTIONS: Staff is not aware of objections.

INPUT FROM OTHER SOURCES: N/A

STAFF REFERENCE: Should the City Council have any questions, they may contact Richelle D. Irons, Neighborhood Services Manager, at 424-2864 or e-mail riron@decaturil.gov.

BUDGET/TIME IMPLICATIONS: None

ATTACHMENTS:

Description	Type
Resolution	Resolution Letter

RESOLUTION NO. 2017-_____

**RESOLUTION AUTHORIZING
CITY MANAGER, DEPUTY CITY MANAGER AND/OR DIRECTOR OF ECONOMIC
& COMMUNITY DEVELOPMENT TO APPROVE HUD PROJECT AGREEMENTS
AND EXPENDITURES**

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY
OF DECATUR, ILLINOIS;

Section 1. That the allocation of the Community Development Block Grant (CDBG) and HOME Investment Partnership (HOME) funds as outlined in the FY2015/2019 Consolidated Plan will fund various projects and activities.

Section 2. That the City Manager, Deputy City Manager and/or Director of Economic & Community Development, are hereby recognized as “Authorized Officials” and are hereby directed to sign, seal and attest said agreements, environmental reviews, and expenditures related to funds received from the Department of Housing and Urban Development on behalf of the City of Decatur.

PRESENTED AND ADOPTED this 4th of December, 2017.

JULIE MOORE WOLFE, MAYOR

ATTEST:

CITY CLERK

Police Department

DATE: 11/28/2017

MEMO: 17-72

TO: The Honorable, Mayor Julie Moore Wolfe
Council Members

FROM: Timothy A. Gleason, City Manager
James E. Getz Jr., Chief of Police

SUBJECT: Authorization of City Manager to enter into an agreement with the Central Illinois Regional Dispatch Center (CIRDC) regarding records currently maintained by the City of Decatur Emergency Communications Center.

SUMMARY RECOMMENDATION:

It would be the recommendation of staff that the City Manager be authorized to negotiate and enter into an agreement with the Central Illinois Regional Dispatch Center regarding records of the City of Decatur Emergency Communications Center that exist as of December 31, 2017.

BACKGROUND:

On June 5, 2017, under Resolution 2017-76, the Council approved the City of Decatur entering into an Intergovernmental Agreement with the Central Illinois Regional Dispatch Center (CIRDC). The CIRDC, beginning on January 1, 2018, will provide dispatch services to the City of Decatur, Decatur Police Department, and the Decatur Fire Department. The maintenance and administration of records and recordings related to the operations of the communications center is an integral part of the overall responsibilities of the dispatch center. To maintain the most efficient handling of records and processing of records requests, it is in the interest of all parties that the CIRDC be the holder of the records. The City of Decatur and the CIRDC will work to negotiate an agreement for the future maintenance, retention, processing and destruction of City of Decatur dispatch records that exist as of December 31, 2017.

PRIOR COUNCIL ACTION: None

POTENTIAL OBJECTIONS: None Anticipated

INPUT FROM OTHER SOURCES: None

STAFF REFERENCE: James E. Getz Jr., Chief of Police, 424-2745, jgetzjr@decaturil.gov; Shane G. Brandel, Deputy Chief of Police, 424-2740, sbrandel@decaturil.gov

BUDGET/TIME IMPLICATIONS: None

ATTACHMENTS:

Description	Type
Resolution Letter	Resolution Letter

RESOLUTION NO. R2017-_____

**RESOLUTION AUTHORIZING THE CITY MANAGER TO NEGOTIATE AND
ENTER INTO AN AGREEMENT WITH THE CENTRAL ILLINOIS REGIONAL
DISPATCH CENTER REGARDING RECORDS OF THE CITY OF DECATUR
EMERGENCY COMMUNICATIONS CENTER THAT EXIST AS OF DECEMBER 31,
2017; THEIR MAINTENANCE, RETENTION, DESTRUCTION, AND
RESPONSIBILITY TO PRESERVE.**

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DECATUR,
ILLINOIS:

Section 1. That the City Manager or his designee be, and they are hereby, authorized to negotiate and enter into an Agreement with the Central Illinois Regional Dispatch Center regarding records of the City of Decatur Emergency Communications Center that exist as of December 31, 2017; their maintenance, retention, destruction, and responsibility to preserve.

PRESENTED and ADOPTED this Fourth day of December, 2017.

JULIE MOORE WOLFE, MAYOR

ATTEST:

CITY CLERK

City Clerk

DATE: 11/30/2017

MEMO: 2017-16

TO: Honorable Mayor Moore Wolfe and City Council

FROM: Tim Gleason, City Manager
Wendy Morthland, Corporation Counsel
Amy Waks, Assistant Corporation Counsel

SUBJECT: Amendment to Chapter 52 - Alcoholic Liquor

SUMMARY RECOMMENDATION: Please see the attached Council memorandum for information regarding the Amendment to Chapter 52 - Alcoholic Liquor.

ATTACHMENTS:

Description	Type
Memo	Cover Memo
Ordinance	Ordinance

**CITY COUNCIL MEMORANDUM
NO. 2017-16**

November 30, 2017

TO: Honorable Mayor Moore Wolfe and City Council

FROM: Tim Gleason, City Manager
Wendy Morthland, Corporation Counsel
Amy Waks, Assistant Corporation Counsel

SUBJECT: Amendment to Chapter 52 – Alcoholic Liquor

RECOMMENDATION: Staff requests that Council pass the proposed ordinance amendment regarding Chapter 52, Section 4, codifying the policies of the Local Liquor Control Commissioner by further defining a Class A license and Section 10 separating Class A and B licenses and reducing the number of Class A licenses from 45 to 44 and increasing the Class B licenses from 50 to 53.

POTENTIAL OBJECTIONS: There are no known or expected objections.

STAFF REFERENCE: Amy Waks, Assistant Corporation Counsel, at 424-2807.

BUDGET/TIME IMPLICATIONS: None

ORDINANCE NO. _____

ORDINANCE AMENDING CITY CODE
- CHAPTER 52 -
- ALCOHOLIC LIQUOR -

BE IT ORDAINED, BY THE CITY COUNCIL OF THE CITY OF DECATUR,
ILLINOIS:

Section 1. That Chapter 52 of the City Code of the City of Decatur, Illinois, be, and the same is hereby modified and amended by amending Sections 4 and 10, so that Sections 4 and 10 as so modified and amended, shall provide as follows:

4. **LICENSE CLASSIFICATIONS.** Classes of local liquor licenses are hereby established and are hereby authorized as follows:

Class A, under which alcoholic liquor may be sold for consumption on or off the licensed premises, which said Class A license shall not be issued for any premises situated in any Residence, Office, Park Mobile Home or Neighborhood Shopping District established by the Zoning Ordinance and shall not be issued to any retail establishment, commonly described as a convenience store, which typically offers such items including but not limited to groceries, tobacco, soft drinks, beer and wine, or snack foods, or any retail establishment, commonly described as a gas station, which typically offers automotive fuel or services, or similarly operated businesses. Those license holders that are not currently in compliance with the limitations as of December 4, 2017 shall be allowed to sell alcoholic liquor for consumption off the licensed premises only.

10. **NUMBER OF LICENSES.** The issuance of a maximum number of Class A licenses is limited to 44 and the issuance of a maximum number of Class B licenses is limited to 53...

Section 2. That the City Clerk be, and she is hereby, authorized and directed to cause the provisions hereof to be appropriately set out in the City Code and to cause the same to be published in pamphlet form according to law.

PRESENTED, PASSED, APPROVED AND RECORDED this 4th day of December, 2017.

JULIE MOORE WOLFE, MAYOR

ATTEST:

CITY CLERK

PUBLISHED this _____ day of _____, 2017.

CITY CLERK

ADDITIONS AND DELETIONS

CHAPTER 52 - ALCOHOLIC LIQUOR -

4. **LICENSE CLASSIFICATIONS.** Classes of local liquor licenses are hereby established and are hereby authorized as follows:

Class A, under which alcoholic liquor may be sold for consumption on or off the licensed premises, which said Class A license shall not be issued for any premises situated in any Residence, Office, Park Mobile Home or Neighborhood Shopping District established by the Zoning Ordinance and shall not be issued to any retail establishment, commonly described as a convenience store, which typically offers such items including but not limited to groceries, tobacco, soft drinks, beer and wine, or snack foods, or any retail establishment, commonly described as a gas station, which typically offers automotive fuel or services, or similarly operated businesses. Those license holders that are not currently in compliance with the limitations as of December 4, 2017 shall be allowed to sell alcoholic liquor for consumption off the licensed premises only.

10. **NUMBER OF LICENSES.** The issuance of a maximum number of Class A licenses ~~combined with~~ is limited to 44 and the issuance of a maximum number of Class B licenses is limited to ~~95~~ 53. There shall be no maximum number for the issuance of the respective Class C, Class, D, Class E, Class F, Class G, Class I, Class J, Class K, or Class O licenses. Issuance of Class H licenses is limited to 1. Issuance of Class L, Class M and Class N licenses is limited to three (3). Issuance of Class P licenses is limited to 20. If on August 29, 2016, premises were licensed as a Class P or had applied for a Class P license under the then provisions of this Chapter, said premises so long as the same use thereof is continued shall be exempt from said limitation.

COUNCIL MEMORANDUM

NO. 17-37

TO: Honorable Mayor Julie Moore Wolfe and City Council
FROM: Richelle D. Irons, Neighborhood Services Manager
SUBJECT: 2017 City-wide Cleanup Summary
DATE: December 4, 2017

In early 2015, the Decatur City Council directed City staff to utilize funding from the Neighborhood Improvements fund to organize City-wide cleanup initiatives.

During 2017, four (4) City of Decatur sponsored cleanups were held on April 26th, June 13th, September 23rd and October 26th. All cleanups were held in the Decatur Civic Center parking lot. Residents were allowed to dispose of large items, i.e. mattresses, furniture, excess garbage and tires free of charge.

City staff will continue cleanup efforts, with at least four cleanup dates throughout 2018.

A special thank you to: Advanced Disposal for the donation of 20 roll-offs for the year and rendering their services, R&R Services for disposing of tires at a discounted rate, the Decatur Civic Center, and City staff that donated their time and muscles to assist with the success of this event.

Below is a chart of tonnage and tire totals along with the total spent for each cleanup. Also included is 2016 totals for a comparison.

2017 City-wide Cleanup

	# Tires	Tonnage	Total Spent
April 26th	468	36/26 loads	\$6,022.70
June 13th	371	28.55/24 loads	\$4,437
September 23rd	184	25.63/21 loads	\$4,495
October 26th	207	30.22/20 loads	\$4,293.10
Totals	1230	120.4/91 loads	\$19,247.80
		240,800 lbs. of trash	
2016	1683	83.24/63 loads 166,480 lbs. of trash	\$14,397

Any additional questions contact Richelle D. Irons at 217-424-2864 or riron@decaturil.gov.