



**Monday, July 16, 2018
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 July 2, 2018 City Council Meeting

IV. Unfinished Business

V. New Business

1. Treasurer's Financial Report
2. December 31, 2017 Audit Presentation
3. Resolution Authorizing Agreement and Appointing Interim City Manager
4. Ordinance Adding City Code Chapter 41.2 Small Wireless Facilities
5. Resolution Authorizing an Indefesible Right Of Use Agreement and Associated Sales Order with Millikin University to Obtain Dark Fiber from the City Of Decatur Fiber Network
6. Resolution Accepting the Bid and Authorizing the Execution of a Contract with Dunn Company, A Division of Tyrolt, Inc. for Annual Street Restoration, Airport Road, City Project 2018-08
7. Resolution Authorizing 2nd Amendment To Agreement Between The City of Decatur and MDA Properties LLC
8. Receiving and Filing of Minutes of Boards and Commissions

VI. Other Business

VII. Recess to Study Session

Johnson Controls Lighting Efficiencies Follow-up

VIII. Adjournment

City of Decatur 2018 Water Quality Report
June 2018 Monthly Report

Monday, July 2, 2018

On Monday, July 2, 2018, 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 Council members Pat McDaniel, Dana Ray, Lisa Gregory, David Horn, and Charles Kuhle were present. Councilman Bill Faber was absent. Six members present and one member absent. 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 Taylor asked Council to consider putting something in the Transfer House so it doesn't look abandoned.

Marty Watkins commended staff for the wonderful job they did at the City wide cleanup.

Don Carmichael requested Council consider revising City Ordinance so people can start growing natural prairie vegetation in the backyards to protect insects.

Mayor Julie Moore Wolfe called for approval of the minutes. The minutes of the June 12, 2018, Special City 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, Council members Pat McDaniel, Dana Ray, Lisa Gregory, David Horn, Charles Kuhle and Mayor Julie Moore Wolfe voted aye. Mayor Julie Moore Wolfe declared the motion carried.

The minutes of the June 18, 2018, City 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, Council members Pat McDaniel, Dana Ray, Lisa Gregory, David Horn, Charles Kuhle 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.

Mayor Julie Moore Wolfe and Jaci Osborne with Decatur Sister Cities recognized five students that will be traveling to Tokorozawa, Japan this summer with a certificate and Stephen Decatur medallion.

City Manager Tim Gleason provided a budget update regarding the City's \$2 million deficit breakdown and solutions. Councilman David Horn suggested the City have a water rate study particularly of industrial and raw water users.

Councilman Bill Faber arrived at the Council meeting at 5:45 p.m.

2018-27 Ordinance Rezoning Property From M-1 Intense Commercial-Light Industrial District to B-1 Neighborhood Shopping District 859 North Jasper Street, was presented. Councilman Pat McDaniel moved the Ordinance do pass; seconded by Councilwoman Dana Ray.

Councilman Charles Kuhle asked if there was anything going in that location that could disrupt what is going on there now. Economic and Community Development Director Ray Lai stated that with the types of uses that are there and with the expansion plan, he did not think it would be disruptive.

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

R2018-85 Resolution Accepting the Bid and Authorizing the Execution of a Contract with Entler Excavating Company, Inc. for 2018 Miscellaneous Sanitary and Storm Sewer Improvement Project, City Project 2018-09, was presented. Councilman Pat McDaniel moved the Resolution do pass; seconded by Councilwoman Dana Ray.

Councilman David Horn asked to confirm that the number of hours worked will be met in terms of minority hours on the project. Public Works Director Matt Newell stated the 18% is an ongoing thing and we won't know until the job ends. We do watch them to make sure they are on track to meet the goal. Councilman David Horn asked if Entler had a history of doing Public Works contracts and could he look back to see if they had been in compliance. Public Works Director Matt Newell stated as he recalled they have always met the 18% hours worked. Councilman Bill Faber asked who on the City staff monitors the hours worked. Mr. Newell stated it would be the Engineering Technician assigned to the job.

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

R2018-86 Resolution Accepting the Bid and Authorizing the Execution of a Contract with Insituform Technologies USA, LLC for 2018 Trenchless Long Lining Repairs Project, City Project 2018-28, was presented. Councilman Pat McDaniel moved the Resolution do pass; seconded by Councilwoman Dana Ray.

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

R2018-87 Resolution Accepting the Bid and Authorizing the Execution of a Contract with Kinney Corporation, Inc. for Decatur Public Transit System Concrete Bus Shelter Pad Improvement Project, City Project 2018-17, was presented. Councilman Pat McDaniel moved the Resolution do pass; seconded by Councilwoman Dana Ray.

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

R2018-88 Resolution Authorizing City Manager to Execute Insurance Coverage for General Liability, Automobile Liability and Excess Liability for Decatur Illinois Public Transit System for the Policy Period July 1, 2018 to July 1, 2019, was presented. Councilman Pat McDaniel moved the Resolution do pass; seconded by Councilwoman Dana Ray.

Councilwoman Dana Ray asked if the City had considered a longer policy period in order to receive some cost savings. Finance Director Gregg Zientara stated insurers don't offer greater than a one year policy.

Upon call of the roll, Council members Pat McDaniel, Dana Ray, Bill Faber, Lisa Gregory, David Horn, Charles Kuhle 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 C and asked if any Council member wished to have an item removed from the Consent Calendar. Councilman Bill Faber asked to remove Item A. Councilman David Horn asked to remove Item B. The Clerk read Item C:

C. 2018-28 Ordinance Authorizing Consumption of Alcoholic Liquor on Public Rights-of-Way and in Central Park – Decatur Celebration

Councilman Pat McDaniel moved Item C be approved; seconded by Councilwoman Dana Ray, and on call of the roll, Council members Pat McDaniel, Dana Ray, Bill Faber, Lisa Gregory, David Horn, Charles Kuhle and Mayor Julie Moore Wolfe voted aye. Mayor Julie Moore Wolfe declared the motion carried.

R2018-89, Item A. Resolution Approving and Determining the Need for Confidentiality of Minutes of Closed Meetings, was presented. Councilman Pat McDaniel moved the Resolution do pass; seconded by Councilwoman Dana Ray.

Councilman Bill Faber stated Council was being asked to vote blindly without reviewing the minutes. Mayor Julie Moore Wolfe asked if the minutes would be available for Councilman Faber to review. Corporation Counsel Wendy Morthland stated the minutes would be if they had been approved by Council. Mayor Julie Moore Wolfe suggested giving Council the opportunity in the future to review the minutes ahead of time.

Upon call of the roll, Council members Pat McDaniel, Dana Ray, Lisa Gregory, David Horn, Charles Kuhle and Mayor Julie Moore Wolfe voted aye. Councilman Bill Faber votes nay. Six ayes and one nay. Mayor Julie Moore Wolfe declared the motion carried.

R2018-90, Item B. Resolution Approving Reappointment – Police Pension Fund Board of Trustees, was presented. Councilman Pat McDaniel moved the Resolution do pass; seconded by Councilwoman Dana Ray.

Councilman David Horn stated he had a relationship with the person listed such that he had to abstain from the vote.

Upon call of the roll, Council members Pat McDaniel, Dana Ray, Bill Faber, Lisa Gregory, Charles Kuhle and Mayor Julie Moore Wolfe voted aye. Councilman David Horn abstained. Six ayes and one abstention. Mayor Julie Moore Wolfe declared the motion carried.

Mayor Julie Moore Wolfe called for Other Business. Mayor Julie Moore Wolfe stated that she had received the official resignation from City Manager Tim Gleason and his last day would be July 22, 2018. Mayor Julie Moore Wolfe stated Council had talked about getting gaming fees on the agenda and they would like to get that on the agenda. City Manager Tim Gleason stated they could get gaming fees on the July 16th Council agenda. City Manager Tim Gleason stated it looked like there was support for a 2019 fee increase to \$500.00 per video gaming terminal and a graduated fee increase over the next couple of years.

Councilman David Horn asked if there was a date set for the Goals Setting Session. Mayor Julie Moore Wolfe stated they were talking about early August.

Councilman David Horn thanked Matt Newell, Keith Alexander, Joe Nihiser, a couple of NRCS members and a representative from the Community Environmental Council for meeting to discuss long term strategies for shoreline protection and enhancing scenic vistas.

Mayor Julie Moore Wolfe call for Study Session regarding City Code Chapter 53 Ambulance Service. Councilman Pat McDaniel motioned to Recess to Study Session; seconded by Councilwoman Dana Ray.

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

Fire Chief Jeff Abbott provided a Power Point presentation on a City Code amendment for ambulance service best practices. Fire Chief Jeff Abbott responded to Council members' comments and questions.

Mayor Julie Moore Wolfe called for Recess to Closed Executive Session under Section 2 Open Meetings Act (c) (2) Collective Negotiating Matters between the Public Body and its Employees or their Representatives and (c) (1) the Appointment, Employment, Compensation, Discipline, Performance, or Dismissal of Specific Employees of the Public Body or Legal

Counsel for the Public Body. Councilman Pat McDaniel motioned to Recess to Closed Executive Session; seconded by Councilwoman Dana Ray.

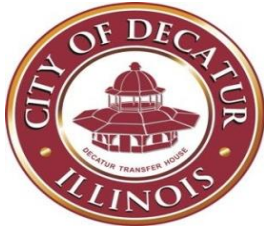
Upon call of the roll, Council members Pat McDaniel, Dana Ray, Bill Faber, Lisa Gregory, David Horn, Charles Kuhle and Mayor Julie Moore Wolfe voted aye. Mayor Julie Moore Wolfe declared the motion carried.

Council returned to the regular Council meeting following Closed Executive Session.

Councilman Pat McDaniel moved the regular Council meeting be adjourned; seconded by Councilwoman Dana Ray. All were in favor by voicing no objections.

Mayor Julie Moore Wolfe declared the Council meeting adjourned at 8:16 p.m.

Approved _____
Debra G. Bright
City Clerk



CITY OF DECATUR ILLINOIS

ONE GARY K. ANDERSON PLAZA

DECATUR, ILLINOIS 62523

Treasurers Financial Report June 2018

The Year in Play

The City of Decatur financial position remains stable and improving, but delicate, at the present-time. The position can be impacted by changes in the local economy and distributions of taxes from the State of Illinois that are outside the control of the City.

The 2018 budget for the City was approved on December 4, 2017 by the City Council with Council Resolution R2017-142 with General Fund Budget Revenue of \$64.800 million and Expense of \$67.995 million. The General Fund budget approval included a cash basis deficit of \$3.195 million.

The total 2018 City budget approved with Council Resolution R2017-142 is for budget Revenue of \$203.7 million and Expense of \$210.3 million, representing an in-period cash basis deficit of \$6.6 million. The non-general fund deficit of \$3.4 million is the result of the year on year timing of revenue received versus expenditures for projects including Lake Decatur dredging, sewer fund projects, state motor fuel tax projects, as well as other capital project initiatives of the City.

The 2018 City budget was amended with the Appropriation Ordinance adopted by the City Council on March 5, 2018 with Ordinance 2018-07, with Budget Revenue of \$203.7 million (same as the original budget) and Expense of \$211.3 million, an increase of \$1.0 million from the original budget. The expense increase is in non-general fund expense. The General Fund budget was unaffected.

The General Fund budget deficit is primarily the result of certain effects of the State of Illinois fiscal 2018 budget where funding distributions to local governments were reduced, namely,

- 10% hold back on income tax distribution,
- expected reduction in PPRT distribution,
- 2% home rule sales tax collection fee

These state budget decisions have negatively impacted 2018 city revenues by \$1.5 million. In addition, the outstanding police labor contract retroactive to May 1, 2015, upon eventual settlement, will require the city to make retroactive payroll to the police employees, expected to cost \$1.2 million. Further, inflation and other cost increases in the city baseline budget have increased costs by \$0.5 million.

The budget deficit presents challenges and unknowns that will have impact on City finances and operations.

- State budget matters impacting revenue distribution to the city,
- City Council deliberation of the methods to balance the city budget,
- Potential of State legislation freezing or inhibiting property tax options for local government,
- Continued development of the local economy,
- Development of state and local sales tax revenues to the City,
- Manufacturing employment in the local economy,
- Economic development success in the City and region

These factors will have significant impact on the financial position, condition, development and progress of the City of Decatur.

On May 31, the State Legislature adopted the State of Illinois 2019 fiscal year budget (July 1 2018 to June 30 2019), with Governor Rauner signature on June 4, the state budget for fiscal year 2019 is finalized.

The state budget addressed certain of the funding issues that have negatively impacted local governments in the state. Namely, the 10% “holdback” of LGDF funding (state income tax distribution) has been reduced to a 5% “holdback in state fiscal 2019; and, the 2% “collection fee” on local home rule sales tax imposed by the state has been reduced to 1.5% “collection fee” for fiscal 2019. PPRT (Personal Property Replacement Tax) distribution was not addressed to local government benefit, whereby, the state will continue to divert money to finance state budget matters thereby reducing money distributed to local governments.

The result of the state budget has favorably impacted City finances, whereby, the changes will “theoretically” increase revenue by \$575k on an annual basis, therefore, assisting the City in solving the General Fund \$2.0 million deficit situation.

Although local governments did not achieve all that was desired and lobbied by local officials to State Representatives in the state budget concerning funding to local governments, we are satisfied to achieve what was achieved, and are prepared to lobby on another day.

Of note is the effort of Mayor Julie Moore Wolfe. Mayor Moore Wolfe was an active and engaged voice, in cooperation with the Illinois Municipal League, to the State Legislature in efforts to secure restored funding to local governments.

City Financial Position

The City of Decatur ended June 2018 with a total cash position of \$55.1 million (excluding trust and agency funds earmarked for Police and Fire pensions) versus the cash position of \$55.1 as of the end of May.

The City General Fund ended June 2018 with a cash position of \$7.2 million versus the May cash position of \$6.6 million. The General Fund is the primary operating fund of the City which provides the cash to pay for the basic services to citizens and stakeholders, including public safety protection, public works services, code enforcement, economic and community development services as well as general government service.

The General Fund cash position at June 30 provides a cash reserve representing 38 days of expense coverage in the City General Fund. The best practice reserve is a 45-60 day cash reserve or \$8-11 million.

City cash at June 30 excluding the General Fund cash position is \$55.1 million, contained in Special Revenue funds (\$8.8 million), TIF Redevelopment funds (\$0.2 million), Capital funds (\$0.1 million), Debt Service fund (\$0.1 million), Internal Service funds (\$4.7 million) and Enterprise funds (\$34.0 million), earmarked for specific purpose and not expendable to finance the cost of basic services provided to citizens and stakeholders.

Fund Type	Jun 2018	May 2018	Comment
Special Revenue	8.8	8.0	Library, State MFT, Local MFT, Federal programs, PS capital, etc
TIF Redevelopment	0.2	0.4	Debt service and redevelopment agreement obligations
Capital	0.1	0.1	Capital funding available
Debt	0.1	0.1	Debt service obligations
Internal Service	4.7	4.9	Risk insurance, EE healthcare benefits, Fleet maintenance
Enterprise	34.0	34.9	Utilities - Water, Sewer, Storm Water, Lake Dredging, Transit
Non-General Fund	47.9	48.5	
General Fund	7.2	6.6	Basic services to citizens and stakeholders
Total City Cash	55.1	55.1	

City cash position reported in \$ millions, numbers may not add due to rounding

Changes of note in the period:

- Special Revenue funds increased \$0.8 million with final draw down of the Busey Bank fire facility rehabilitation loan.
- TIF Redevelopment funds decreased \$0.2 million with payments to developers in accordance with TIF development agreements.
- Internal Service funds decreased \$0.2 million due to a higher in period experience of healthcare claims.
- Enterprise funds decreased \$0.9 million. Water fund increase (\$0.7 million) due to in period positive operational cash flow (\$0.8 million) offset by CapEx spending in period (\$0.1 million), Transit decrease (\$0.5 million) due in period operational cash flow, Sewer fund increase (\$0.3 million) and Water Bond fund decrease (\$1.5 million) with continued spending of dredging costs to contractors.
- **City Treasurer and Transit Staff continue to work with state IDOT to secure Transit operating grant distributions in more timely fashion. We will keep Council informed of our progress.**

General Fund Position

Cash

The City General fund cash position ended June at \$7.2 million, an increase from the May cash position of 6.6 million. The current cash balance represents a cash reserve position of 38 days (was 36 days).

City cash reserve position is much improved from 2-3 year's prior, however, best practice for financial security of the city is to continue to build the cash reserve position in the general fund.

Revenue and Expense

City General Fund Position of revenue received versus expense incurred to date is as follows for the period ending June 2018.

\$ (000)	Budget (4)	Year to Date (1)	Budget Target (2)	% vs Target (3)
Revenue	64,800	28,740	33,305	(14)%
Expense	67,995	26,883	33,416	(20)%
Surplus(deficit)	(3,195)	1,857	(111)	

Chart notes

1 – actual year to date general fund revenue and expense

2 – budget year to date general fund revenue and expense

3 – year to date percentage comparison of actual to budget

4 – annual budget, with annual appropriation ordinance scheduled for Council Adoption on February 20, 2018

General Fund Revenue Comments

Revenue to date through June is \$28.7 million versus budget to date revenue of \$33.3 million, below budget by \$4.6 million or 14%.

The negative to date revenue performance versus budget is a short-term anomaly, the result of budget revenue inclusion of the June property tax distribution not distributed by the Maxon County Treasurer as normally expected in the month of June.

The property tax distribution to the City, normally distributed in the month of June, will occur in the month of July, as advised by the Macon County Treasurer

Key Economic Driven General Fund Revenues

Key General Fund revenues supporting General Fund expenses are presented in the chart below depicting the full year budget, year to date revenue received, with comparison to the full year budget and prior year revenue receipt. With six months into the twelve-month cycle, the year-to-date benchmark is 50% of the full year budget revenue.

\$ (000)	2018 Budget	2018 YTD	YTD % of Year Budget	2017 YTD	% Change yr vs yr
State Sales Tax	10,874	5,444	50%	5,407	1%
Local Sales Tax	9,552	4,779	50%	4,837	(1)%
State Income Tax	6,783	4,009	59%	3,424	17%
Food & Beverage Tax	3,257	1,612	49%	1,608	0%
Telephone Tax	1,674	842	50%	913	(8)%
Utility Tax (Gas & Elec)	4,702	2,717	58%	2,381	14%
State Local Use Tax	2,123	1,077	51%	997	8%
Cable TV Tax	1,055	509	48%	533	(5)%
State Replacement Tax	925	625	68%	733	(15)%
Hotel Use Tax	848	400	47%	320	25%
Video Gaming Tax	1,130	613	54%	638	(4)%

Sales Tax – **state sales tax is running on par with the full year budget target, and above the prior year; local sales tax is running on par with the full year budget target, and 1% behind the prior year.** The sales tax revenue stream is **“the primary funding source driver”** financing the general fund, representing a revenue stream in excess of \$20 million or 31% of the general fund revenue. The 2018 budget contemplated a flat projection versus 2017 for state sales tax revenues and a 2% decline in local sales tax revenues.

The State of Illinois 2018 Budget adopted by the State Legislature in July 2017 included a “2% tax” imposed on the collection of “local home-rule” sales tax revenues. This collection tax has been implemented by the State DofR. This collection tax will cost the City of Decatur \$0.2 million in 2018. The 2019 state budget has reduced the “collection fee” to 1.5%, theoretically returning \$0.05 million (\$50k) to the City of Decatur on an annual basis.

Of concern for the City Treasury is the ongoing marketplace transition to on-line shopping. This will continue to have negative impact on the sales tax revenue received by the City when such on-line shopping has no nexus to the City. Long term, this is not a favorable position for the City revenue stream. Legislative changes at the state level are the only solution, beyond more retail experiences in the city. ***The recent U.S. Supreme Court decision is expected to have a favorable impact on City of Decatur receipts of on line sales tax activity. The financial impact is yet unknown.***

State Income Tax – **9% above the full year budget target and 17% above the prior year.** The 2018 budget was conservatively projected (as we envisioned at the time of the 2018 budget development), however, the distributions are at best difficult to project. ***The State of Illinois 2018 budget included a 10% “hold-back” of LGDF distributions to local governments which has been implemented effective with the August 2017 distribution and has negatively impacted the income tax revenue received by the City. The State action will cost the City \$1.0 million in 2018 revenues. The 2019 State budget has reduced the “hold back” to 5%. This will theoretically return LDGF revenue distribution to the City in an amount approaching \$0.575 million, of course dependent upon, state income tax receipts and population distribution formulas.***

This revenue stream is **“a primary funding source driver”** financing the general fund, which in prior periods was a revenue stream of \$7.5 to 8.0 million or 12% of the general fund revenue.

Food & Beverage Tax – **1% below the full year budget target and on par with the prior year.**

Telephone Tax – **on par with the full year budget target and 8% below the prior year.** The 2018 budget contemplated a further decline in telephone tax revenue. Telephone tax revenues have continued to decline each of the last several years as consumers shift to mobile telephones eliminating land line telephones, thereby reducing the number of telephone lines available to tax.

Gas & Electric Utility Tax – **8% above the full year budget target and above the prior year by 14%.** The City implemented a tax increase to 4.25% (from 1.25%) effective with usage billed commencing February 1, 2016. This revenue stream will stabilize at a level of \$4.7 million given the current city imposed tax rate and then be affected by up or down by utility prices and consumer usage.

State Replacement Tax – **18% above the full year budget target, 15% below the prior year.** The 2018 budget was conservatively projected (as we envisioned at the time of the 2018 budget development), and contemplated an expected decline in state PPRT distributions to local governments with funding diverted to state matters. This is not a revenue stream that the City can place great reliance on for continuation at levels to date as the State of Illinois is expected to continue to use this revenue stream for its purposes potentially reducing revenue available for distribution to local governments.

Hotel Use Tax – **3% below the full year target, 25% above the prior year.** City increased the hotel use tax rate from 6% to 8% effective January 1, 2016.

Video Gaming Tax – **4% above the full year budget target and 4% below the prior year.** City has resumed allocating 15% of video gaming tax revenue to the City Economic Development fund. Total video gaming revenue thru June of \$722k is ahead of the budget and 13% above the prior year. Tax revenue continues to exceed the budget expectation. Currently operating are 81 establishments with 391 video gaming terminals.

General Fund Expense Comments

General Fund expense in the month of \$3.963 million was below the budget expectation of \$9.358 million. On a year to date basis, general fund spending is below budget by \$6.5 million or 20%.

The sizable below budget spending experience is a short-term anomaly due to the to date budget expenditure inclusion of pension funding from the property tax distribution which failed to occur as normal in the month of June.

Cash balances in funds of note are as follows with comment:

Drug Enforcement	\$0.8 million	Earmarked for police capital as available (\$0.3 million available)
Local Roads and Streets	\$2.3 million	Earmarked for street repair and maintenance.
State Motor Fuel Tax	\$2.3 million	Earmarked for street repair and maintenance.
Major Moves	\$0.0 million	Earmarked for economic development infrastructure projects
Public Library Fund	\$0.3 million	Negative cash balance in line with expectations awaiting receipt of the June property tax distribution.
Library Capital Fund	\$0.1 million	Earmarked for CapEx requirements and cash reserves
Library Trust Fund	\$0.2 million	Donations received in trust for specific purpose as defined by the donors and unavailable for other use
Capital Projects	\$0.0 million	No in year funding is available from General Fund sources. The funding level is substandard to maintain sufficient cap-ex investment requirements properly securing city assets
Debt Fund	\$0.1 million	Earmarked for debt payments on current debt issues
Fleet Maintenance	\$0.3 million	Earmarked for repair and maintenance of city vehicle fleet

Equipment Replacement	\$0.6 million	Earmarked for emergency replacement of capital equipment. Cash position and lack of in year funding is substandard to maintain capex replacement schedules.
Risk Management Fund	\$1.2 million	Cash reserves for ongoing business insurance costs including liability, property, worker's compensation. City desired reserve is \$2.5 million necessary to sustain and protect the city.
Employee Insurance Fund	\$2.6 million	Coverage for healthcare and other EE benefit expense.
Public Transit Operations	\$0.4 million	<i>Outstanding are the 2018 fiscal year Federal grant (\$1.6 million) expected to be received in September. State fiscal 2019 Q1 IDOT operating grant not yet received. City awaiting IDOT approval of the grant request., expected any day. City staff will continue process to affect advance transit funding.</i>
Fiber Optics Fund	\$0.1 million	Earmarked for city investment in the next phase of fiber optic network. Project work in progress.
Storm Water Fund	\$2.1 million	Balance and ongoing cash flow are sufficient to fund currently defined storm water projects
Sewer Fund	\$6.7 million	Balance available and revenue flow will fund currently defined sewer projects – Council ordinance 2016-91 adopted 12/05/2016 provides the price increase required to fund sewer projects in compliance with US EPA requirements
Water Utility Funds	\$21.7 million	Cash balance of \$21.7 million, includes \$12.5 million sequestered in the debt reserve fund, representing the next 12 months' debt service payments. Remaining cash balance of \$9.2 million represents a 4+ month reserve of water operating expense – the water rate increases effective May 1, 2013 and beyond has allowed City to finance cap-ex and secure the best practice reserve. The current cash position allows funding of capital expense securing water main infrastructure replacement and other necessary capital expenditure envisioned in the short-term period. The Water Utility Fund continues to operate in accordance with the price increase model expectations
Water Bond Construction	\$3.8 million	Balance available to pay contractor invoices for the dredging of Lake Decatur. <i>Council has adopted the ordinance approving the next phase of fund raising to secure funding for the project. Bond sale will occur in June with proceeds available upon closing in July. This will be the final debt raising exercise funding the Lake Decatur dredging initiative.</i>

Trust & Agency Fund balance of \$158.3 million is sequestered in the Police and Fire Pension Funds and are not available for expenditure on other city operations.

Investments

City investments include \$10.2 million in US Treasury Bonds. The investment schedule on page 4 of the Treasurer's financial report provides the details of the investments. The investments are comprised of \$10.2 million of pooled cash.

The pooled cash is invested in treasury bonds and are scheduled to mature over the next 1-2 years.

The interest earnings from the investments to date have earned the city in excess of \$0.5 million. Additional interest income will accrue to the city over the period to investment maturity in an amount approximating \$0.1 million.

Investment instruments are in accordance with the City Investment Policy with interest rates maximized given available current marketplace investment returns.

Debt

Debt outstanding as of January 1, 2018, is \$155.3 and includes all outstanding bond debt, notes and loan payable and capital leases. All debt principal and interest payments are covered within the 2018 fiscal year operating plan and budget and are secured within the current cash flow operations of the City.

New debt instruments in 2018 will include continued debt issuance for road and street rehabilitation secured by the local motor fuel tax, continued debt issuance for fire facility rehabilitation secured by general purpose tax levy revenue, and capital lease and / or note payable financing to replace certain vehicle stock covered within the operating budget of the City.

The Council has approved the issuance of General Obligation 2018 Series Bonds to finance the final phase of the Lake Decatur dredging initiative, the construction of fire stations in support of the fire station replacement initiative, and the refunding of certain debt financing the rehabilitation of fire stations. The debt transaction occurred in June, with closing scheduled in July.

The city council approved a refunding of the 2008 Series General Obligation Bonds which will save the city \$0.3 million in interest financing costs over the remaining life of the debt. This refunding transaction was concluded in December 2017.

Revenue Tracking

City-wide Revenue received in the fiscal months ending June 2018 of \$73.7 million is 36% of the annual revenue budget of \$203.7 million.

Of note, the property tax revenues received by the City according to the 2017 Tax Levy in effect, provide the cash resources to fund City contributions to the Police and Firemen's Pension Fund, fund City contributions to the operation of the Decatur Public Library, provide City funding for a portion of the General Obligation Bond debt payments, provide funding for the City contribution to the Decatur Municipal Band and provide funding for general purpose earmarked for investment in Fire Station facility repair and rehabilitation.

The cost of day to day City government operations as well as capital spending requirements of City operations, including general government, public safety police and fire protection, public works streets & municipal services and infrastructure operations, are not funded by property tax revenues, but rather are funded by other taxes

including locally imposed or state distributed sales & use tax, income tax, food & beverage tax, hotel/motel tax, utility tax, and other minor tax.

Property Tax in 2018

The 2017 property tax levy, approved by Council in December 2017 with Council Ordinance 2017-55, for a tax levy amount of \$13.876 million, is now certified by the State of Illinois.

Equalized assessed value ("EAV") for the 2017 EAV period, with property tax payable in 2018, is \$833,357,715, a decline from the prior year EAV of \$839,296,988. A decrease of \$5,939,273 or 0.71%. The City had projected EAV to be \$840,000,000.

The City property tax rate for 2017 EAV with tax payable in 2018 is 1.66519% versus the prior year tax rate of 1.65177%. The City had projected a tax rate of 1.652%.

The higher tax rate is the result of decreased assessed value in the city.

The City property tax rate is expected to remain at 15% of the total property tax rate for City property owners.

Expenditure Tracking

City-wide Expenditures to June of \$76.4 million are 36% of the full year budget of \$211.3 million.

Water Utility

The financial performance of the City Water Utility is illustrated on the two (2) page summation. The report, which mimics normal reporting of a business enterprise, depicts actual profit and loss statement performance versus budget and prior year on both a monthly and year-to-date basis. In addition, certain key balance sheet items are reported as well as CapEx project spending.

Water Utility performance achieved through June is an operating profit before debt service of \$7.7 million on revenues of \$14.5 million. Debt payments on GO bonds and other debt due to date in 2018 including principal and interest of \$7.2 were transacted during the period to date.

The Water Utility continues to perform in accordance with our expectations envisioned in the water model to fund the future CapEx and debt service requirements of the operation, including the \$90 million Lake Decatur dredging initiative.

In 2017, water consumption declined by 1.2% versus consumption in the prior year, with residential consumption down 2.7%, commercial consumption down 3.3% and industrial consumption down 0.1%.

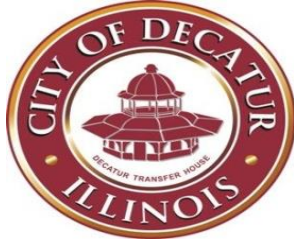
To date in 2018, water usage has increased 4% versus the same period in the prior year. Industrial usage is up 7%, residential usage is down 1%, commercial usage is down 2%. Raw water usage is up 3% versus the prior year.

The report entitled "Water Utility Metrics" is a schedule reporting on key metrics in comparison to the prior year.

Headcount Staffing

Current full-time staffing level is 438 FTE's versus budget of 470 FTE's.

Gregg D. Zientara
City Treasurer & Director of Finance
July 10, 2018



Fiscal Year 2018

Fiscal Period Ending June, 2018

City of Decatur

Treasurer's Financial Report

Report Distribution:

***Mayor
City Council Members
City Manager
City Clerk
City Department Heads
Public Copy in Office of the City Clerk***

Prepared By:

Office of the City Treasurer

City of Decatur
Treasurer's Cash Report

Month of: June, 2018

Fund	Fund Name	Opening Cash & Investments	Receipts	Disbursements	Balance Sheet Accts Activity	Investment Transfers	Ending Cash Balance	Investments	Total Cash & Investments	Interfund Loans (Borrowing)
10	General Fund									
	GENERAL FUND	6,617,971.16	4,524,808.08	3,962,547.07	2,903.48		7,183,135.65		7,183,135.65	0.00
12	Special Revenue Funds									
	PLANNING FUND	181,475.24	45,768.35	25,329.16	0.00		201,914.43		201,914.43	
17	HOME FUND	97,347.65	6,528.82	6,564.16	0.00		97,312.31		97,312.31	
18	CDBG FUND	14,421.45	45,909.98	64,265.64	0.00		(3,934.21)		(3,934.21)	
22	DUATS FUND	62,122.01	26.97	477.52	0.00		61,671.46		61,671.46	
25	DRUG ENFORCEMENT FUND	813,877.43	19,476.70	30,163.63	(19,477.58)		783,712.92		783,712.92	
26	DUI FINES AND FEES FUND	196,075.27	10,213.30	656.59	0.00		205,631.98		205,631.98	
27	POLICE LAB & PROGRAMS	61,262.92	373.81	1,133.28	0.00		60,503.45		60,503.45	
32	FIRE GRANT	0.00	0.00	0.00	0.00		0.00		0.00	
33	POLICE CAPITAL FUND	426,298.04	8,829.07	4,166.96	0.00		430,960.15		430,960.15	
34	BUILDING FUND	211,211.94	49,598.78	38,019.90	0.00		222,790.82		222,790.82	
35	LIBRARY FUND	(67,191.28)	38,635.97	264,768.22	0.00		(293,323.53)		(293,323.53)	
36	MUNICIPAL BAND FUND	19,937.66	6,651.11	19,637.10	0.00		6,951.67		6,951.67	
42	LOCAL STREETS & ROADS	2,100,125.28	154,268.82	0.00	0.00		2,254,394.10		2,254,394.10	
46	MOTOR FUEL TAX FUND	2,248,621.52	161,361.11	66,573.91	0.00		2,343,408.72		2,343,408.72	
47	MAJOR MOVES	92,568.82	33.40	72,093.65	0.00		20,508.57		20,508.57	
49	FIRE CAPITAL FUND	(32,684.43)	943,691.63	81,627.81	0.00		829,379.39		829,379.39	
58	LIBRARY CAPITAL	130,959.78	54.86	0.00	0.00		131,014.64		131,014.64	
59	LIBRARY TRUST FUNDS	233,692.24	1,028.64	2,785.43	0.00		231,935.45		231,935.45	
82	DCDF FUND	123,321.35	2,922.45	1,532.71	0.00		124,711.09		124,711.09	
83	NEIGHBORHOOD IMPROVEMENTS	28,831.18	11.87	6,549.51	0.00		22,293.54		22,293.54	
84	COMMUNITY REVITALIZATION	1,087,651.60	487.75	0.00	0.00		1,088,139.35		1,088,139.35	
	Total Special Revenue Funds	8,029,925.67	1,495,873.39	686,345.18	(19,477.58)	0.00	8,819,976.30	0.00	8,819,976.30	0.00
19	TIF & Redevelopment Funds									
	OLDE TOWNE TIF FUND	89,284.47	80.20	258,745.02	0.00		(169,380.35)		(169,380.35)	
20	SE PLAZA TIF FUND	71,581.84	9,362.23	0.00	0.00		80,944.07		80,944.07	
21	WABASH CROSSING TIF	155,734.92	76.57	53,030.00	0.00		102,781.49		102,781.49	
23	EASTGATE TIF FUND	50,792.49	16,960.23	0.00	0.00		67,752.72		67,752.72	
24	SOUTHSIDE TIF FUND	50,580.90	23.03	0.00	0.00		50,603.93		50,603.93	
28	PINES SHOPPING CENTER TIF	8,046.58	2,672.73	0.00	0.00		10,719.31		10,719.31	
29	GRAND & OAKLAND TIF	14,939.53	4,963.02	0.00	0.00		19,902.55		19,902.55	
	Total TIF & Redevelpmnt Funds	440,960.73	34,138.01	311,775.02	0.00	0.00	163,323.72	0.00	163,323.72	0.00
50	Debt Fund									
	DEBT FUND	130,285.27	20,798.95	58,825.50	0.00		92,258.72		92,258.72	0.00
40	Capital Funds									
	PEG CAPITAL FUND	72,793.88	51.11	2,705.56	0.00		70,139.43		70,139.43	
45	CAPITAL PROJECT FUND	22,018.21	9.56	0.00	0.00		22,027.77		22,027.77	
	Total Capital Funds	94,812.09	60.67	2,705.56	0.00	0.00	92,167.20	0.00	92,167.20	0.00

City of Decatur
Treasurer's Cash Report

Month of: June, 2018

<i>Fund</i>	<i>Fund Name</i>	<i>Opening Cash & Investments</i>	<i>Receipts</i>	<i>Disbursements</i>	<i>Balance Sheet Accts Activity</i>	<i>Investment Transfers</i>	<i>Ending Cash Balance</i>	<i>Investments</i>	<i>Total Cash & Investments</i>	<i>Interfund Loans (Borrowing)</i>
	Internal Service Funds									
60	FLEET MAINTENANCE	219,243.78	210,780.01	161,720.94	0.00		268,302.85		268,302.85	
61	EQUIPMENT REPLACEMENT	578,069.84	356.03	0.00	0.00		578,425.87		578,425.87	
64	RISK MANAGEMENT	1,103,146.70	259,269.25	141,697.69	0.00		1,220,718.26		1,220,718.26	
65	INSURANCE FUND	3,030,817.83	640,804.56	1,024,444.75	0.00		2,647,177.64		2,647,177.64	
	Total Internal Service Funds	4,931,278.15	1,111,209.85	1,327,863.38	0.00	0.00	4,714,624.62	0.00	4,714,624.62	0.00
	Enterprise Funds									
70	MASS TRANSIT - OPERATION	87,621.30	52,556.45	544,644.62	0.00		(404,466.87)		(404,466.87)	
77	FIBER OPTICS	95,510.66	8,626.12	3,000.00	0.00		101,136.78		101,136.78	
78	STORM WATER	2,016,343.13	117,556.36	63,767.21	0.00		2,070,132.28		2,070,132.28	
79	SEWER FUND	6,319,968.46	616,286.35	270,423.46	3.19		6,665,834.54		6,665,834.54	
80	WATER FUND	4,128,779.83	2,469,589.75	1,688,629.55	(33,136.31)		4,876,603.72		4,876,603.72	
81	WATER CAPITAL	4,434,262.63	7,134.03	85,852.21	0.00		4,355,544.45		4,355,544.45	
86	WATER DEBT	12,500,000.00	0.00	0.00	0.00		12,500,000.00		12,500,000.00	
88	RECYCLING PROGRAM	79,872.57	55,285.00	58,168.38	264.49		77,253.68		77,253.68	
89	WATER BOND	5,221,851.82	1,050.14	1,461,836.25	0.00		3,761,065.71		3,761,065.71	
	Total Enterprise Funds	34,884,210.40	3,328,084.20	4,176,321.68	(32,868.63)	0.00	34,003,104.29	0.00	34,003,104.29	0.00
	Trust & Agency Funds									
90	FIRE PENSION FUND CASH	369,382.98	123,382.99	640,516.41	0.00	680,000.00	532,249.56		532,249.56	
90	FIRE PENSION INVESTMENTS	66,922,893.37			0.00	(680,000.00)		66,242,893.37	66,242,893.37	
	TOTAL FIRE PENSION	67,292,276.35	123,382.99	640,516.41	0.00	0.00	532,249.56	66,242,893.37	66,775,142.93	
91	POLICE PENSION FUND CASH	231,907.05	137,578.54	710,259.19	0.00	665,000.00	324,226.40		324,226.40	
91	POLICE PENSION INVESTMENTS	91,908,435.70			0.00	(665,000.00)		91,243,435.70	91,243,435.70	
	TOTAL FIRE PENSION	92,140,342.75	137,578.54	710,259.19	0.00	0.00	324,226.40	91,243,435.70	91,567,662.10	
	Total Trust & Agency Funds	159,432,619.10	260,961.53	1,350,775.60	0.00	0.00	856,475.96	157,486,329.07	158,342,805.03	0.00
	Total City Funds	214,562,062.57	10,775,934.7	11,877,158.99	(49,442.73)	0.00	55,925,066.46	157,486,329.07	213,411,395.53	0.00

Memorandum Items

Pooled Cash Investments	0.00	0.00	0.00	0.00	0.00	0.00	10,201,015.07	10,201,015.07	
City Funds ex Trust & Agency	55,129,443.47	10,514,973.15	10,526,383.39	(49,442.73)	0.00	55,068,590.50	10,201,015.07	55,068,590.50	0.00

City of Decatur
Treasurer's Investment Report

Month of: June, 2018

Water Bond
Account # 8051000933
Fund 89

Investment Instrument	Maturity Date	Interest Rate	Par Value Amount	Tax Cost Amount	Accrued Interest Purchased + Rec'd.	Total Invested	Interest Earned	Accrued Interest Receivable	Total Interest Received	YTD Interest Received 2018	Estimated Income
US Treasury Bond	01/15/16	0.37500%	0.00	0.00	0.00	0.00	530.10	0.00	530.10	0.00	0.00 ok
US Treasury Bond	05/15/16	0.25000%	0.00	0.00	0.00	0.00	2,717.03	0.00	2,717.03	0.00	0.00 ok
US Treasury Bond	06/15/16	0.50000%	0.00	0.00	0.00	0.00	6,378.42	0.00	6,378.42	0.00	0.00 ok
US Treasury Bond	07/15/16	0.62500%	0.00	0.00	0.00	0.00	11,574.39	0.00	11,574.39	0.00	0.00 ok
US Treasury Bond	08/15/16	0.62500%	0.00	0.00	0.00	0.00	13,101.22	0.00	13,101.22	0.00	0.00 ok
US Treasury Bond	08/31/16	1.00000%	0.00	0.00	0.00	0.00	22,912.09	0.00	22,912.09	0.00	0.00 ok
US Treasury Bond	10/15/16	0.62500%	0.00	0.00	0.00	0.00	589.14	0.00	589.14	0.00	0.00 ok
US Treasury Bond	11/15/16	0.62500%	0.00	0.00	0.00	0.00	6,413.12	0.00	6,413.12	0.00	0.00 ok
US Treasury Bond	12/15/16	0.62500%	0.00	0.00	0.00	0.00	1,446.38	0.00	1,446.38	0.00	0.00 ok
US Treasury Bond	12/31/16	0.62500%	0.00	0.00	0.00	0.00	3,923.23	0.00	3,923.23	0.00	0.00 ok
US Treasury Bond	04/15/17	0.87500%	0.00	0.00	0.00	0.00	2,033.65	0.00	2,033.65	0.00	0.00 ok
US Treasury Bond	05/15/17	0.87500%	0.00	0.00	0.00	0.00	11,159.88	0.00	11,159.88	0.00	0.00 ok
US Treasury Bond	06/15/17	0.87500%	0.00	0.00	0.00	0.00	9,706.28	0.00	9,706.28	0.00	0.00 ok
US Treasury Bond	07/15/17	0.87500%	0.00	0.00	0.00	0.00	12,292.80	0.00	12,292.80	0.00	0.00 ok
US Treasury Bond	08/15/17	0.87500%	0.00	0.00	0.00	0.00	14,546.87	0.00	14,546.87	0.00	0.00 ok
US Treasury Bond	09/15/17	1.00000%	0.00	0.00	0.00	0.00	18,488.95	0.00	18,488.95	0.00	0.00 ok
US Treasury Bond	10/15/17	0.87500%	0.00	0.00	0.00	0.00	17,858.17	0.00	17,858.17	0.00	0.00 ok
US Treasury Bond	11/15/17	0.87500%	0.00	0.00	0.00	0.00	30,692.68	0.00	30,692.68	0.00	0.00 ok
US Treasury Bond	12/15/17	1.00000%	0.00	0.00	0.00	0.00	24,824.18	0.00	24,824.18	0.00	0.00 ok
US Treasury Bond	01/15/18	0.87500%	0.00	0.00	0.00	0.00	5,075.97	0.00	5,075.97	4,375.00	0.00 ok
Federated US Treasury Cash Reserves	Liquid		0.00	0.00	(0.00)	(0.00)	4,213.21	0.00	4,213.21	513.76	0.00 ok
Total Investment(s)			0.00	0.00	(0.00)	(0.00)	220,477.76	0.00	220,477.76	4,888.76	0.00

Pooled Cash
Account # 8051000942
Multiple Funds - Pooled Cash

Investment Instrument	Maturity Date	Interest Rate	Par Value Amount	Tax Cost Amount	Accrued Interest Purchased + Rec'd.	Total Invested	Interest Earned	Accrued Interest Receivable	Total Interest Received	YTD Interest Received 2018	Estimated Income
US Treasury Bond	06/15/16	0.50000%	0.00	0.00	0.00	0.00	2,773.22	0.00	2,773.22	0.00	0.00 ok
US Treasury Bond	12/15/16	0.62500%	0.00	0.00	0.00	0.00	6,591.53	(0.00)	6,591.53	0.00	0.00 ok
US Treasury Bond	04/30/17	0.87500%	0.00	0.00	0.00	0.00	12,524.04	(0.00)	12,524.04	0.00	0.00 ok
US Treasury Bond	06/30/17	0.62500%	0.00	0.00	0.00	0.00	8,188.75	0.00	8,188.75	0.00	0.00 ok
US Treasury Bond	10/31/17	0.75000%	0.00	0.00	0.00	0.00	14,484.89	0.00	14,484.89	0.00	0.00 ok
US Treasury Bond	12/15/17	1.00000%	0.00	0.00	0.00	0.00	21,573.77	0.00	21,573.77	0.00	0.00 ok
US Treasury Bond	03/31/18	0.75000%	0.00	0.00	0.00	0.00	26,403.69	(0.00)	26,403.69	5,625.00	0.00 ok
US Treasury Bond	06/15/18	1.12500%	0.00	0.00	0.00	0.00	45,983.61	0.00	45,983.61	0.00	0.00 ok
US Treasury Bond	10/15/18	0.87500%	1,750,000.00	1,732,568.36	0.00	1,732,568.36	39,787.32	3,221.40	36,565.92	7,656.25	15,312.50 ok
US Treasury Bond	11/30/18	1.00000%	500,000.00	497,441.40	0.00	497,441.40	7,717.46	423.50	7,293.96	2,500.00	5,000.00 ok
US Treasury Bond	04/15/19	0.87500%	1,000,000.00	992,773.43	0.00	992,773.43	10,160.47	1,840.80	8,319.67	4,375.00	8,750.00 ok
US Treasury Bond	06/30/19	1.25000%	1,500,000.00	1,496,425.78	0.00	1,496,425.78	18,801.00	9,426.00	9,375.00	9,375.00	18,750.00 ok
US Treasury Bond	10/31/19	1.25000%	1,000,000.00	993,281.25	0.00	993,281.25	8,333.57	2,118.10	6,215.47	6,215.47	12,500.00 ok
US Treasury Bond	11/30/19	1.50000%	1,050,000.00	1,042,945.31	0.00	1,042,945.31	8,465.67	1,369.52	7,096.15	7,096.15	15,750.00 ok
US Treasury Bond	03/31/20	1.37500%	1,500,000.00	1,472,929.70	225.41	1,473,155.11	4,973.29	5,198.70	0.00	0.00	20,625.00 ok
US Treasury Bond	05/31/20	1.37500%	1,600,000.00	1,562,855.53	1,081.97	1,563,937.50	781.39	1,863.36	0.00	0.00	22,000.00 ok
Federated US Treasury Cash Reserves	Liquid		194,705.75	194,705.75	213,781.18	408,486.93	4,951.01	748.91	4,202.10	2,410.15	6,616.82 ok
Total Investment(s)			10,094,705.75	9,985,926.51	215,088.56	10,201,015.07	242,494.68	26,210.29	217,591.77	45,253.02	125,304.32

GRAND TOTALS: 10,094,705.75 9,985,926.51 215,088.56 10,201,015.07 462,972.44 26,210.29 438,069.53 50,141.78 125,304.32

Notes:

Initial investments for 2015 proceeds settled on 11/25/15, and those for 2016 proceeds on 11/25/16.
Total Invested = Tax Cost Amount + Accrued Interest Purchased
Interest Received YTD = cash received
Estimated Income = projected annual interest income
Pooled Cash maturity on 6/15/16 was re-invested with a 6/30/17 maturity.
Pooled Cash maturity on 12/15/16 was re-invested with maturities of 6/30/17 and 11/30/18.
Pooled Cash maturity on 04/30/17 was re-invested with a maturity of 4/15/19.
Water Bond maturity on 05/15/17 was divided: \$700,000 moved to cash and \$2 million re-invested with a maturity of 12/15/17.
Water Bond maturity on 06/15/17 was divided: \$1 million moved to cash and \$1 million re-invested with a maturity of 1/15/18.
Pooled Cash maturity on 06/30/17 was re-invested with a maturity of 6/30/19.
Pooled Cash maturity on 10/31/17 was re-invested with a maturity of 10/31/19.
Pooled Cash maturity on 12/15/17 was re-invested with a maturity of 11/30/19.
Pooled Cash maturity on 03/31/18 was re-invested with a maturity of 03/31/20.
Pooled Cash maturity on 06/15/18 was re-invested with a maturity of 05/31/20.

City of Decatur
Debt Schedule

Period Ending: 2017 Budget
date of update: December 21, 2017

home		debt liquidated												gz approved	
Debt Instrument		Debt Purpose	Year of Issue	Year of Re Issue	Year of Maturity	Fund	Source	Payment(s)		Debt (Orig/ Refi) Issue	Debt at 1/1/2017	FY17 Principal Payments	FY17 Interest Payments	Debt at 12/31/2017	FY17 Total Debt Payments
								1st	2nd		input	input	input		
Bond Debt															
Amort sch #															
10	2008 Bonds	Water & Olde Towne TIF Projects	2005/2008	2008	2024	19/80	19/80	6/15	12/15	10,000,000	7,295,000	7,295,000	338,292	-	7,633,292 ok
11	2010A Bonds	LOC Payoff-Reynolds Building	2005/2008	2010	2030	50	Tax Levy	6/15	12/15	8,715,000	7,910,000	205,000	432,958	7,705,000	637,958 ok
12	2010B Bonds (BAB/RZEDB)	Water/Old Towne TIF Bonds	2010		2030	80/50/19	80/TL/19	6/15	12/15	28,270,000	23,080,000	1,185,000	1,301,218	21,895,000	2,486,218 ok
13	2010C Bonds	Parking Garage Renovation	2010		2024	19/50	19/TL	6/15	12/15	2,800,000	1,845,000	205,000	71,750	1,640,000	276,750 ok
14	2010D Bonds	Library	1998	2010	2017	50	Tax Levy	6/15	12/15	1,805,000	235,000	235,000	9,400	-	244,400 ok
17	2012 Bonds	Refunding of 2004A GO Bonds	2012		2025	50	Tax Levy	3/1	9/1	8,030,000	6,110,000	620,000	129,481	5,490,000	749,481 ok
18	2013 Bonds	Refunding of 2004B GO Bonds	2013		2025	80	80	3/1	9/1	17,220,000	13,375,000	1,250,000	589,400	12,125,000	1,839,400 ok
25	2014 Bonds	Lake Decatur Dredging	2014		2034	80	80	3/1	9/1	24,055,000	22,490,000	860,000	1,001,538	21,630,000	1,861,538 ok
32	2015 Bonds	Lake Decatur Dredging	2015		2035	80	80	3/1	9/1	23,305,000	22,515,000	815,000	920,750	21,700,000	1,735,750 ok
39	2016 Bonds	Lake Decatur Dredging	2016		2036	80	80	3/1	9/1	22,205,000	22,205,000	235,000	795,222	21,970,000	1,030,222 ok
xx	2017 Bonds	Refunding of 2008 GO Bonds	2017		2024	80	80	6/15	12/15	-	-	-	-	6,275,000	- ok
xxx															
Total Bond Debt										146,405,000	127,060,000	12,905,000	5,590,009	120,430,000	18,495,009
Promissory Notes & Loans Payable															
6	HUD Section 108	Wabash Crossing	2002		2022	50	18/Pilot	2/1	8/1	3,000,000	1,185,000	185,000	70,649	1,000,000	255,649 ok
23	2013 Promissory Note	Jonson Controls Initiative	2013		2028	various	80/10/60/70	Qtry	Qtry	17,212,394	15,811,356	664,591	540,659	15,146,765	1,205,250 ok
15	IEPA Construction Loan	Nitrate Facility (L171674)	2002		2022	80	80	6/1	12/1	7,172,169	2,343,333	419,307	65,051	1,924,026	484,358 ok
16	IEPA Water Loan	Water Projects (L172552)	2011		2031	80	80	1/10	7/10	6,993,328	5,425,209	361,681	-	5,063,528	361,681 ok
28	IEPA Construction Loan	Lakeshore Drive Sewer (L174873)	2013		2034	79	79	12/15	6/15	7,589,673	6,962,117	326,897	132,799	6,635,220	459,696 ok
29	Busey Bank	DPD Furniture & Technology (17355)	2014		2019	10	10	Qtry	Qtry	1,500,000	768,977	303,124	13,115	465,853	316,239 ok
34	IEPA Construction Loan Pending	Union Street Sewer (L175280)	2015		2035	79	79	1/8	7/8	2,172,218	2,089,988	91,461	41,241	1,998,527	132,702 ok
30	Busey Bank	Fire Apparatus - Pumper (20835)	2015		2022	49	49	5/4		439,940	381,296	59,992	8,770	321,304	68,762 ok
35	Soy Capital	Motorola Radio System	2015		2022	10/70	10/70	1/5		1,000,000	862,215	136,655	24,345	725,560	161,000 ok
33	Busey Bank	Police Vehicles - Interceptor (10) (21915)	2015		2017	33	33	Qtry	Qtry	284,732	107,763	107,763	809	-	108,572 ok
37	Busey Bank (drawdown)	Fire Facility Rehabilitation (24045)	2016		2023	49	49	2/15	8/15	2,200,000	160,481	314,286	1,953	(153,805)	316,239 note 1
38	Busey Bank (drawdown)	Local Street Resurfacing (24040)	2016		2023	42	42	2/15	8/15	7,500,000	1,093,140	1,071,428	6,920	21,712	1,078,348 note 1
43	Busey Bank	Police Vehicles - Interceptor (12) (26385)	2017		2018	33	33	Qtry	Qtry	460,011	-	56,508	2,288	403,503	58,796 ok
44	Busey Bank	Public Works Heavy Equipment (xxxxx)	2017		2022	61	61	Qtry	Qtry	180,624	-	8,354	1,467	172,270	9,821 ok
xxx															
xxx															
Total Notes & Loans Payable										57,705,089	37,190,875	4,107,047	910,066	33,724,463	5,017,113
Capital Leases															
19	Busey Bank	Fire Apparatus Arial Platform (10)	2011		2018	49	49	9/1		947,850	286,431	141,756	6,788	144,675	148,544 ok
21	Busey Bank	Police Vehicles SUV (1) (10850)	2013		2017	33	33	Qtry	Qtry	26,911	3,447	3,447	22	-	3,469 ok
22	Busey Bank	Water Service Truck (1) (10855)	2013		2018	80	80	Qtry	Qtry	33,988	10,518	6,995	149	3,523	7,144 ok
24	Busey Bank	Sewer Vactor Truck (1) (15820)	2013		2018	79	79	Qtry	Qtry	321,998	116,348	65,979	1,816	50,369	67,795 ok
26	Busey Bank	Water Service Truck (1) (17360)	2014		2019	80	80	Qtry	Qtry	25,150	11,629	5,104	194	6,525	5,298 ok
27	Busey Bank	Traffic Service Truck (1) (17365)	2014		2019	10	10	Qtry	Qtry	31,114	14,386	6,313	241	8,073	6,554 ok
31	PNC Equipment Finance	Police Vehicles Interceptor (10)	2015		2017	33	33	Qtry	Qtry	287,499	72,564	72,564	349	-	72,913 ok
36	Busey Bank	Fire Vehicles Interceptor (2) (23250)	2016		2019	49	49	Qtry	Qtry	62,860	52,643	20,742	898	31,901	21,640 ok
40	De Lage Landen	VOIP Telephone System	2016		2021	10	10	1/22		351,560	351,560	76,760	1,643	274,800	78,403 ok
41	PNC Equipment Finance	Fire Apparatus Pierce Saber Pumper	2017		2023	49	49	3/1		428,380	-	-	-	428,380	- ok
42	Presidio Technology Capital	IT Data Storage Equipment	2017		2019	10	10	7/1		285,966	-	95,322	-	190,644	95,322 ok
xxx															
xxx															
xxx															
xxx															
xxx															
xxx															
Total Capital Leases										2,803,276	919,526	494,982	12,100	1,138,890	507,082
Total City Debt										206,913,365	165,170,401	17,507,029	6,512,175	155,293,353	24,019,204

Note(s)
1 Drawdown loan with 2017 and future draws to occur as projects continue to completion

City of Decatur
Debt Schedule

[home](#)

Period Ending: 2017 Budget
date of update: December 21, 2017

home	debt liquidated								
	Debt Instrument	Debt Purpose	Payment Method	Debt Held By Lendor	Paying Agent	Debt Payment	Debt Payment	Debt Payment	Debt Payment
Bond Debt									
Amort sch #									
10	2008 Bonds	Water & Olde Towne TIF Projects	wire transfer	bond holders	BONY Mellon	fund 19 43.2%	fund 80 56.8%	Debt Liquidated 12/21/2017	
11	2010A Bonds	LOC Payoff-Reynolds Building	wire transfer	bond holders	BONY Mellon	tax levy 100%			
12	2010B Bonds (BAB/RZEDB)	Water/Old Towne TIF Bonds	wire transfer	bond holders	BONY Mellon	fund 80 64.6%	tax levy 25.3%	fund 19 10.1%	
13	2010C Bonds	Parking Garage Renovation	wire transfer	bond holders	BONY Mellon	fund 19 50%	tax levy 50%		
14	2010D Bonds	Library	wire transfer	bond holders	BONY Mellon	tax levy 100%			
17	2012 Bonds	Refunding of 2004A GO Bonds	wire transfer	bond holders	US Bank	tax levy 100%			
18	2013 Bonds	Refunding of 2004B GO Bonds	wire transfer	bond holders	US Bank	fund 80 100%			
25	2014 Bonds	Lake Decatur Dredging	wire transfer	bond holders	US Bank	fund 80 100%			
32	2015 Bonds	Lake Decatur Dredging	wire transfer	bond holders	US Bank	fund 80 100%			
39	2016 Bonds	Lake Decatur Dredging	wire transfer	bond holders	US Bank	fund 80 100%			
xx	2017 Bonds	Refunding of 2008 GO Bonds	wire transfer	bond holders	US Bank	fund 80 100%			
xxx									
Total Bond Debt									
Promissory Notes & Loans Payable									
6	HUD Section 108	Wabash Crossing	wire transfer	HUD 108 collections	BONY Mellon	fund 18 principal payment / fund 50 Pilot and or 21 interest pmt			
23	2013 Promissory Note	Jonson Controls Initiative	wire transfer	Regions Capital Advantage, Inc.	Regions Bank Trust	fund 80 94.0%	fund 10 1.0%	fund 60 4.0%	fund 70 1.0%
15	IEPA Contruction Loan	Nitrate Facility (L171674)	wire transfer	Illinois EPA	Amalgated Bank of Chicago	fund 80 100%			
16	IEPA Water Loan	Water Projects (L172552)	wire transfer	Illinois EPA	Amalgated Bank of Chicago	fund 80 100%			
28	IEPA Contruction Loan	Lakeshore Drive Sewer (L174873)	wire transfer	Illinois EPA	Amalgated Bank of Chicago	fund 79 100%			
29	Busey Bank	DPD Furniture & Technology (17355)	check	Busey Bank	Busey Bank	fund 10 100%			
34	IEPA Contruction Loan Pending	Union Street Sewer (L175280)	wire transfer	Illinois EPA	Amalgated Bank of Chicago	fund 79 100%			
30	Busey Bank	Fire Apparatus - Pumper (20835)	check	Busey Bank	Busey Bank	fund 49 100%			
35	Soy Capital	Motorola Radio System	check	Soy Capital Bank & Trust	Soy Capital Bank & Trust	fund 10 80%	fund 70 20%		
33	Busey Bank	Police Vehicles - Interceptor (10) (21915)	check	Busey Bank	Busey Bank	fund 33 100%			
37	Busey Bank	Fire Facility Rehabilitation (24045)	wire transfer	Busey Bank	Busey Bank	fund 49 100%			
38	Busey Bank	Local Street Resurfacing (24040)	bank transfer	Busey Bank	Busey Bank	fund 42 100%			
43	Busey Bank	Police Vehicles - Interceptor (12) (26385)	check	Busey Bank	Busey Bank	fund 33 100%			
44	Busey Bank	Public Works Heavy Equipment (xxxxx)	check	Busey Bank	Busey Bank	fund 61 100%			
xxx									
xxx									
Total Loans Payable									
Capital Leases									
19	Busey Bank	Fire Apparatus Arial Platform (10)	check	Busey Bank	Busey Bank	fund 49 100%			
21	Busey Bank	Police Vehicles SUV (1) (10850)	check	Busey Bank	Busey Bank	fund 33 100%			
22	Busey Bank	Water Service Truck (1) (10855)	check	Busey Bank	Busey Bank	fund 80 100%			
24	Busey Bank	Sewer Vactor Truck (1) (15820)	check	Busey Bank	Busey Bank	fund 79 100%			
26	Busey Bank	Water Service Truck (1) (17360)	check	Busey Bank	Busey Bank	fund 80 100%			
27	Busey Bank	Traffic Service Truck (1) (17365)	check	Busey Bank	Busey Bank	fund 10 100%			
31	PNC Equipment Finance	Police Vehicles Interceptor (10)	check	PNC Equipment Finance	PNC Equipment Finance	fund 33 100%			
36	Busey Bank	Fire Vehicles Interceptor (2) (23250)	check	Busey Bank	Busey Bank	fund 49 100%			
40	De Lage Landen	VOIP Telephone System	check	De Lage Landen Public Finance	De Lage Landen Public Finance	fund 10 100%			
41	PNC Equipment Finance	Fire Apparatus Pierce Saber Pumper	check	PNC Equipment Finance	PNC Equipment Finance	fund 49 100%			
42	Presidio Technology Capital	IT Data Storage Equipment	check	Presidio Technology Capital	Presidio Technology Capital	fund 10 100%			
xxx									
xxx									
xxx									
xxx									
xxx									
xxx									
xxx									
Total Capital Leases									
Total City Debt									

Water Bond Issue - Status of Water Bond Fund 89

Bond Issuance	2016
Par Value of Bonds	22,205,000
Premium	2,142,097
Total Source of Funds	24,347,097
Total Use of Funds	24,347,097
Underwriter's Discount	155,435
Bond Insurance	75,630
Closing Costs	112,230
Bond Proceeds	24,003,802

Project Scope	
Temporary Easements	-
Road Improvements	-
Dredging	24,003,802
Other	-
Total Scope	24,003,802

Fund Description Accounts for capital improvements that are financed by the proceeds from the issuance of bonds

The Lake Decatur Dredging initiative is a \$90.4 investment spanning 6 years with completion envisioned in 2019. The project includes the dredging of lake basins 1, 2, 3 and 4.

On November 9, 2016, the City issued general obligation bonds with 20 year maturity raising the cash proceeds to defray the cost of Phase II of the Lake Decatur Dredging Project.

The City will use additional bond financing in subsequent years to raise the cash proceeds to defray the cost of future expenditures. The City expects to issue bonds in subsequent fiscal years 2017 or 2018.

Actual Bond Spend Activity in Fiscal year 2016	January	February	March	April	May	June	July	August	September	October	November	December	Total
Proceeds available to spend		-	-	-	-	-	-	-	-	-	24,003,802	24,003,802	
Revenues													
Interest Income											-	2,203	2,203
Expenditures													
Dredging - Great Lakes Dredge											-	1,214,410	1,214,410
Ending cash available	-	-	-	-	-	-	-	-	-	-	24,003,802	22,791,595	

Actual Bond Spend Activity in Fiscal year 2017	January	February	March	April	May	June	July	August	September	October	November	December	Total
Proceeds available to spend	22,791,595	22,791,248	22,795,944	22,749,773	22,753,225	22,234,497	17,951,426	17,938,190	15,857,808	9,972,949	9,972,068	7,679,467	
Revenues													
Interest Income	(347)	4,697	7,195	3,452	23,154	14,404	2,854	8,160	7,921	5,883	15,268	16,367	109,007
Expenditures													
Dredging - Great Lakes Dredge	-	-	-	-	535,000	4,280,923	-	2,069,582	5,878,987.6		2,302,138	1,928,927	16,995,557
Dredging - Chastain & Assoc	-	-	53,366	-	6,882	16,551	16,090	18,960	13,792.4	6,764	5,732	3,096	141,234
Total Expenditures	-	-	53,366	-	541,882	4,297,475	16,090	2,088,541	5,892,780	6,764	2,307,870	1,932,023	17,136,791
Ending cash available	22,791,248	22,795,944	22,749,773	22,753,225	22,234,497	17,951,426	17,938,190	15,857,808	9,972,949	9,972,068	7,679,467	5,763,810	

Actual Bond Spend Activity in Fiscal year 2018	January	February	March	April	May	June	July	August	September	October	November	December	Total
Proceeds available to spend	5,763,810	5,770,182	5,762,786	5,748,832	5,743,281	5,221,852	3,761,066	3,761,066	3,761,066	3,761,066	3,761,066	3,761,066	
Revenues													
Interest Income	6,372	192	308	1,423	1,357	1,050							10,702
Expenditures													
Dredging - Great Lakes Dredge	-	-	-	-	521,985	1,461,836							1,983,821
Dredging - Chastain & Assoc	-	7,588	-	1,284	801	-							9,673
Dredging - Klingner & Assoc	-	-	14,262	5,690	-	-							19,953
Total Expenditures	-	7,588	14,262	6,974	522,786	1,461,836	-	-	-	-	-	-	2,013,446
Ending cash available	5,770,182	5,762,786	5,748,832	5,743,281	5,221,852	3,761,066	3,761,066	3,761,066	3,761,066	3,761,066	3,761,066	3,761,066	

City of Decatur
City Treasurer's Financial Report
Revenue Tracking Schedule

Shaded revenues are not expected to receive revenue in given month.

Period Ending: June, 2018

Div	Month of Fiscal Year	Fund	1 Jan	2 Feb	3 Mar	4 Apr	5 May	6 Jun	7 Jul	8 Aug	9 Sep	10 Oct	11 Nov	12 Dec	Actual YTD	Revised Budget	% of Budget
Memo Items																	
PROPERTY TAX TOTAL																	
var	REAL ESTATE TAX-CIVIL CITY	var	-	-	-	-	-	-							-	13,599,264	0%
var	REAL ESTATE TAX-TIF DISTRICTS	var	-	-	-	-	-	-							-	1,982,200	0%
OTHER TAXES TOTAL			-	-	-	-	-	-	-	-	-	-	-	-	-	15,581,464	0%
OTHER TAXES TOTAL																	
var	LOCAL SALES TAX	var	807,770	837,288	959,353	712,309	716,975	852,317							4,886,012	9,787,460	50%
var	STATE SALES TAX	var	882,653	917,921	1,088,364	840,607	819,180	978,292							5,527,017	11,067,740	50%
OTHER TAXES TOTAL			1,690,423	1,755,209	2,047,717	1,552,916	1,536,156	1,830,609	-	-	-	-	-	-	10,413,029	20,855,200	50%
GENERAL FUND																	
LOCAL TAXES																	
301302	CABLE TV TAX	10	-	255,934	-	21,185	231,760	-							508,879	1,055,000	48%
301203	FOOD & BEVERAGE TAX	10	285,512	240,470	238,274	292,841	266,555	288,486							1,612,139	3,257,000	49%
301204	HOTEL AND MOTEL TAX	10	43,682	52,238	58,642	73,099	85,446	87,172							400,279	848,000	47%
301106	MOBILE HOME PRIVELEGE TAX	10	-	-	-	-	-	-							-	11,000	0%
301103	PROPERTY TAX	10	-	-	-	-	-	-							-	9,642,679	0%
301202	TELEPHONE UTILITY TAX	10	141,050	141,599	142,414	138,931	137,566	140,821							842,380	1,674,000	50%
301209	UTILITY TAX - ELECTRIC & GAS	10	448,827	526,654	480,199	439,275	447,828	374,472							2,717,254	4,702,000	58%
Sub Total			919,072	1,216,894	919,528	965,331	1,169,155	890,950	-	-	-	-	-	-	6,080,931	21,189,679	29%
OTHER TAXES (REMITTED BY STATE)																	
301208	AUTO RENTAL TAX	10	2,869	2,657	2,554	2,478	2,321	2,604							15,483	31,000	50%
301205	LOCAL SALES TAX	10	789,250	818,768	945,129	693,789	698,455	833,797							4,779,188	9,551,800	50%
301207	LOCAL USE TAX	10	166,257	192,590	243,593	145,000	149,116	180,080							1,076,636	2,123,000	51%
302105	STATE INCOME TAX	10	578,461	837,319	420,941	646,373	1,044,019	482,298							4,009,410	6,783,000	59%
302104	STATE REPLACEMENT TAX	10	111,269	-	103,928	201,098	209,087	-							625,381	925,000	68%
301201	STATE SALES TAX	10	868,073	903,341	1,078,143	826,027	804,600	963,712							5,443,897	10,873,500	50%
301210	VIDEO GAMING TAX	10	94,074	95,249	90,255	104,905	146,340	82,850							613,673	1,130,000	54%
Sub Total			2,610,253	2,849,923	2,884,543	2,619,669	3,053,939	2,545,341	-	-	-	-	-	-	16,563,668	31,417,300	53%
OTHER GOVERNMENTAL SOURCES																	
301102	ROAD & BRIDGE TAX	10	-	-	-	-	-	-							-	395,000	0%
Sub Total			-	-	-	-	-	-	-	-	-	-	-	-	-	395,000	0%
CHARGE SERVICES (INTERNAL CITY)																	
303607	PAYMENT IN LIEU OF TAXES	10	110,342	110,342	110,342	110,342	110,342	110,342							662,055	1,324,109	50%
303621	ADMIN SERVICES	10	149,938	149,938	149,938	149,938	149,938	149,938							899,628	1,684,704	53%
303622	PUBLIC WORKS SERVICES	10	114,641	114,641	114,641	114,641	114,641	114,641							687,846	1,375,692	50%
303623	HUMAN RELATIONS SERVICES	10	4,197	4,197	4,197	4,197	4,197	4,197							25,182	50,364	50%
303624	PURCHASING SERVICES	10	11,658	11,658	11,658	11,658	11,658	11,658							69,948	139,896	50%
303626	BLDG INSPECTION SERVICES	10	15,750	15,750	15,750	15,750	15,750	15,750							94,500	189,000	50%
303627	PENSION FUND ADMIN SERV	10	4,286	4,286	4,286	4,286	4,286	4,286							25,716	51,432	50%
303628	SEWER FUND-EPA	10	27,624	27,624	27,624	27,624	27,624	27,624							165,744	331,488	50%
306700	IT SERVICES	10	73,152	73,152	73,152	73,152	73,152	73,152							438,912	877,824	50%
306707	CDBG PERSONNEL/EXP REIMB	10	51,120	32,244	36,333	34,669	20,226	5,840							180,432	393,247	46%
306751	HOME PERSONNEL/EXP REIMB	10	7,928	5,982	2,736	4,556	4,847	4,550							30,598	100,191	31%
306753	DUATS PERSONNEL/EXP REIMB	10	-	52,263	-	-	-	-							52,263	124,874	42%
303601	MFT REIMB-MSC/TRAF SIGNAL	10	44,276	30,587	57,818	31,170	40,716	41,824							246,391	430,000	57%
303606	WATER STREET CUTS	10	28,507	17,939	7,302	20,289	32,076	26,497							132,611	342,000	39%
Sub Total			643,420	650,603	615,777	602,272	609,453	590,300	-	-	-	-	-	-	3,711,825	7,414,821	50%

City of Decatur
City Treasurer's Financial Report
Revenue Tracking Schedule

Shaded revenues are not expected to receive revenue in given month.

Period Ending: June, 2018

Month of Fiscal Year		1	2	3	4	5	6	7	8	9	10	11	12	Actual	Revised	% of
Div	Fund	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	Budget	Budget
3rd Party Revenue																
303413	AMEREN FRANCHISE PAYMENTS	10	76,759	76,759	76,759	76,759	76,759	76,759						460,556	921,000	50%
303510	ELECTRIC AGGREGATION ADMIN	10	5,341	8,593	6,148	5,512	5,405	5,233						36,231	99,000	37%
Sub Total			82,100	85,352	82,908	82,271	82,164	81,992	-	-	-	-	-	496,787	1,020,000	49%
Grants																
302106	FEDERAL	10	-	-	-	-	-	-						-	-	-
302114	POLICE OT REIMBURSEMENTS	10	9,672	13,141	5,067	7,230	12,428	13,147						60,686	133,000	46%
302107	STATE GRANTS OR OTHER	10	-	-	-	-	-	-						-	117,000	0%
Sub Total		10	9,672	13,141	5,067	7,230	12,428	13,147	-	-	-	-	-	60,686	250,000	24%
Fees for Services External																
303408	SANITARY DISTRICT - ADMIN	10	24,963	-	-	-	-	-						24,963	-	-
304300	ANIMAL REGISTRATION LATE FEES	10	700	605	675	495	700	620						3,795	9,000	42%
304302	GARBAGE HAULERS	10	-	-	-	-	-	-						-	27,000	0%
304303	CONTRACTOR LICENSES	10	6,625	850	575	275	450	375						9,150	34,000	27%
304304	LIQUOR LICENSES	10	3,558	(1,242)	2,136	19,600	248,925	237,660						510,636	504,000	101%
304306	BOAT LICENSES	10	-	-	18,346	24,226	45,385	18,891						106,847	120,000	89%
304307	OTHER LICENSES	10	5,219	2,070	4,606	9,000	2,473	2,590						25,958	221,000	12%
304401	BUILDING PERMITS	10	14,620	18,039	7,954	23,409	9,786	14,819						88,626	211,000	42%
304402	PIER PERMITS	10	-	-	10,553	27,834	26,325	10,059						74,770	83,000	90%
303301	ON STREET PARKING	10	421	1,183	373	741	1,037	1,091						4,846	8,000	61%
303302	PARKING LOT 1	10	1,535	735	1,860	1,702	1,940	1,559						9,331	24,000	39%
303306	PARKING LOT 10	10	633	698	829	700	785	777						4,423	10,000	44%
303308	GARAGE C	10	3,110	3,440	6,069	4,355	3,515	4,385						24,874	87,000	29%
303310	RESIDENTIAL PARKING	10	900	180	120	120	120	120						1,560	1,000	156%
303312	DOWNTOWN EMPL PARKING PERMIT	10	2,689	1,485	2,473	2,145	1,982	2,522						13,296	26,000	51%
304490	ADMIN COURT FINES	10	5,520	8,146	7,011	6,825	8,142	16,488						52,132	101,000	52%
305500	ADMINISTRATIVE COURT FEES	10	3,331	3,591	3,804	3,741	4,896	5,602						24,964	54,000	46%
305501	COURT FINES	10	10,311	16,396	18,503	18,375	14,424	18,924						96,933	195,000	50%
305502	BOOT FEE	10	525	735	420	630	560	455						3,325	7,000	48%
305503	WEED CUTTING FEES	10	3,807	3,931	2,038	4,814	2,360	5,661						22,612	51,000	44%
305505	ILLEGAL USE OF VEHICLE	10	25,185	22,135	29,625	21,770	30,500	23,700						152,915	357,000	43%
305506	OVERTIME PARKING FEES	10	15,806	14,673	14,733	13,535	15,924	15,603						90,275	177,000	51%
305507	VARIANCE AND ZONING	10	635	413	695	890	1,355	695						4,683	9,000	52%
305513	OTHER FINES AND FEES	10	600	165	638	6	300	450						2,159	8,000	27%
305516	PET CITATIONS	10	5,624	7,221	5,187	8,265	4,969	6,788						38,054	60,000	63%
305517	DUCK BLIND FEES	10	-	-	-	-	-	-						-	1,000	0%
305520	TRASH & CLEAN UP FINES	10	3,609	3,788	4,694	7,245	5,912	3,783						29,031	73,000	40%
303415	PROFESSIONAL STANDARDS	10	-	100	-	1,477	1,401	1,305						4,283	1,500	286%
308801	RENTAL OF CITY PROPERTY	10	100	100	100	100	200	-						600	1,200	50%
308802	SALE OF CITY PROPERTY	10	-	-	-	-	-	500						500	-	-
308803	SALE OF OTHER PROPERTY	10	150	-	-	-	-	-						150	-	-
308807	DEMOLITION PAYMENTS	10	4,085	3,875	3,144	20,411	11,822	3,035						46,372	35,000	132%
308810	DAMAGE TO CITY PROPERTY	10	-	2,208	-	-	15,281	140						17,629	2,500	705%
308814	INVENTORY REIMBURSEMENTS	10	-	-	-	-	-	-						-	-	-
308817	NOISE ORDINANCE FINES	10	-	-	-	-	483	-						483	-	-
308890	REIMBURSEMENT OF EXPENSE	10	21	-	29,244	2,780	2,485	20						34,550	-	-
308898	BANK RECONCILIATION ADJ	10	-	(285)	-	(230)	(161)	-						(676)	-	-
308899	MISCELLANEOUS INCOME	10	5,123	1,464	3,285	2,361	7,224	404						19,860	50,000	40%
310010	FIRE PROGRAMS	10	160	160	240	3,160	-	300						4,020	12,000	34%
305512	FIRE & BURGLAR ALARMS	10	-	100	100	-	-	-						200	11,000	2%
305514	POLICE RECORDS	10	961	625	1,087	991	1,000	912						5,576	10,000	56%
302401	STATE ROUTE MAINTENANCE	10	29,425	-	-	29,425	-	-						58,851	117,000	50%
303405	SCHOOL DISTRICT REIMB	10	-	199,693	-	-	-	-						199,693	406,000	49%
Sub Total			179,953	317,277	181,117	261,171	472,500	400,231	-	-	-	-	-	1,812,250	3,104,200	58%
Investment/Other Income																
307101	INTEREST INCOME	10	882	442	646	6,298	2,946	2,847						14,061	9,000	156%
Sub Total			882	442	646	6,298	2,946	2,847	-	-	-	-	-	14,061	9,000	156%
General Fund Total			4,445,352	5,133,634	4,689,586	4,544,243	5,402,585	4,524,808	-	-	-	-	-	28,740,208	64,800,000	44%

City of Decatur
City Treasurer's Financial Report
Revenue Tracking Schedule

Shaded revenues are not expected to receive revenue in given month.

Period Ending: June, 2018

Div	Month of Fiscal Year	Fund	1 Jan	2 Feb	3 Mar	4 Apr	5 May	6 Jun	7 Jul	8 Aug	9 Sep	10 Oct	11 Nov	12 Dec	Actual YTD	Revised Budget	% of Budget
Development Services																	
various	PLANNING	12	21,993	25,408	22,092	24,243	5,500	45,768							145,005	324,000	45%
various	HOME PROGRAM	17	15,692	6,136	4,738	11,418	8,042	6,529							52,554	840,899	6%
various	CDBG	18	51,395	57,369	57,288	54,585	34,936	45,910							301,483	1,896,919	16%
various	DUATS	22	11	54,849	3	55	29	27							54,974	260,000	21%
various	PEG PROJECTS	40	46	18,220	3	4,358	15,556	51							38,234	84,250	45%
various	MASS TRANSIT	70	45,516	2,545,745	2,365,708	45,562	50,122	52,556							5,105,209	8,236,980	62%
various	DCDF	82	386	1,822	1,458	1,591	1,705	2,922							9,885	20,000	49%
various	NEIGHBORHOOD IMPROVEMENTS	83	6	1	2	29	13	12							63	100	63%
various	COMMUNITY REVITALIZATION	84	29	26	58	634	511	488							1,746	300,000	1%
various	RECYCLING	88	63,843	53,320	59,589	58,157	61,386	55,285							351,580	698,000	50%
Sub Total			198,916	2,762,896	2,510,939	200,632	177,800	209,549	-	-	-	-	-	-	6,060,732	12,661,148	48%
Redevelopment & TIF																	
various	OLDE TOWNE TIF	19	25	0	1	246	76,640	80							76,992	1,171,887	7%
various	SE PLAZA TIF	20	9,361	9,301	6,925	9,457	9,364	9,362							53,769	441,900	12%
various	WABASH CROSSING TIF	21	33	4	8	194	88	77							403	232,000	0%
various	EASTGATE TIF	23	16,758	16,610	18,144	16,836	16,828	16,960							102,136	323,550	32%
various	SOUTHSIDE TIF	24	11	1	3	50	24	23							112	28,000	0%
various	PINES SHOPPING CENTER TIF	28	2,674	2,662	1,391	2,694	2,673	2,673							14,768	110,200	13%
various	GRAND & OAKLAND TIF	29	4,965	4,944	(1,482)	5,002	4,963	4,963							23,355	198,550	12%
Sub Total			33,826	33,523	24,990	34,478	110,580	34,138	-	-	-	-	-	-	271,535	2,506,087	11%
Public Safety																	
various	DRUG ENFORCEMENT	25	668	1,428	68,616	96,346	173,814	19,477							360,348	182,300	198%
various	DUI COURT FINES	26	6,035	7,444	8,326	6,568	7,643	10,213							46,229	118,965	39%
various	POLICE PROGRAMS/LAB	27	601	1	402	52	12,312	374							13,742	15,010	92%
various	FIRE EMERGENCY GRANT	32	-	-	-	-	-	-							-	100,000	0%
various	POLICE CAPITAL	33	292	88,686	27	2,298	2,194	8,829							102,326	182,300	56%
various	FIRE CAPITAL	49	8,990	42,749	130,000	30,547	21,533	943,692							1,177,512	1,505,000	78%
Sub Total			16,587	140,308	207,371	135,811	217,498	982,585	-	-	-	-	-	-	1,700,158	2,103,575	81%
Debt Service																	
various	DEBT SERVICE	50	20,734	20,598	20,592	21,190	20,815	20,799							124,728	1,297,942	10%
Public Works & Capital																	
various	LOCAL STREETS & ROADS	42	217,150	137,641	136,598	150,292	148,120	154,269							944,070	4,802,000	20%
various	CAPITAL STREET PROJECTS	45	5	1	1	20	10	10							47	-	-
various	MFT PROJECTS	46	174,307	195,202	149,302	149,675	193,659	161,361							1,023,506	2,187,950	47%
various	MAJOR MOVES	47	19	30,002	6	100	45	33							30,206	2,530,000	1%
various	FLEET MAINTENANCE	60	211,182	210,125	208,598	204,695	206,440	210,780							1,251,820	2,611,465	48%
various	EQUIPMENT REPLACEMENT	61	(3,181)	5,397	935	3,915	156	356							7,577	-	-
various	STORMWATER PROJECTS	78	299,660	278,319	119,305	180,292	144,157	117,556							1,139,288	4,668,200	24%
various	SEWER PROJECTS	79	1,376,328	442,800	1,734,953	472,207	473,194	616,286							5,115,769	11,249,900	45%
Sub Total			2,275,471	1,299,487	2,349,698	1,161,197	1,165,780	1,260,652	-	-	-	-	-	-	9,512,284	28,049,515	34%
Library																	
various	LIBRARY OPERATIONS	35	73,642	54,599	72,091	160,397	110,057	38,636							509,421	3,590,215	14%
various	LIBRARY CAPITAL	58	3	3	7	107	58	55							233	375,000	0%
various	LIBRARY TRUST FUNDS	59	306	6	13	279	594	1,029							2,227	10,000	22%
Sub Total			73,952	54,608	72,111	160,783	110,709	39,719	-	-	-	-	-	-	511,882	3,975,215	13%

City of Decatur
City Treasurer's Financial Report
Revenue Tracking Schedule

Shaded revenues are not expected to receive revenue in given month.

Period Ending: June, 2018

Month of Fiscal Year		1	2	3	4	5	6	7	8	9	10	11	12	Actual	Revised	% of
Div	Fund	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	Budget	Budget
Other Miscellaneous																
various BUILDING FUND	34	49,535	49,518	49,524	49,677	49,602	49,599							297,454	594,288	50%
various BAND	36	787	782	783	808	1,342	6,651							11,154	93,077	12%
various RISK MANAGEMENT	64	258,786	393,585	258,619	259,533	259,054	259,269							1,688,845	3,241,284	52%
various EMPLOYEE BENEFIT	65	667,812	674,969	695,610	669,707	980,417	640,805							4,329,319	9,073,156	48%
various FIBER OPTICS	77	49	221,949	904	23,245	963	8,626							255,737	230,000	111%
Sub Total		976,970	1,340,803	1,005,439	1,002,970	1,291,379	964,950	-	-	-	-	-	-	6,582,510	13,231,805	50%
Water Utility & Capital																
various WATER	80	2,310,310	2,484,684	2,331,672	2,310,400	2,552,334	2,469,590							14,458,989	30,111,992	48%
various WATER CAPITAL	81	2,691	384	1,001,233	15,041	7,721	7,134							1,034,203	3,756,000	28%
various WATER BOND FUND	89	6,372	192	308	1,423	1,357	1,050							10,702	19,023,500	0%
Sub Total		2,319,373	2,485,259	3,333,213	2,326,863	2,561,411	2,477,774	-	-	-	-	-	-	15,503,894	52,891,492	29%
Fudiciary Trust & Agency																
various FIRE PENSION	90	342,399	362,417	281,950	280,688	500,519	123,383							1,891,357	9,961,294	19%
various POLICE PENSION	91	669,225	389,874	932,995	324,363	298,744	137,579							2,752,779	12,239,078	22%
Sub Total		1,011,625	752,290	1,214,945	605,051	799,264	260,962	-	-	-	-	-	-	4,644,136	22,200,372	21%
Grand Total Revenues		11,372,805	14,023,404	15,428,884	10,193,217	11,857,821	10,775,935	-	-	-	-	-	-	73,652,066	203,717,151	36%

City of Decatur, Macon County
Property Tax Levy
City and TIF Districts
Billed Tax Amounts

home

Net Assessed Value \$: 833,357,715 certified
City Tax Rate: 1.66519% certified

Assessed Value Year 2017
Pay Year 2018
Pending

note	Tax Levy Item	Fund	Net Assessed	input	input	input	Billed
			Value	Tax	Tax Levy	Extension	
			certified	Rate	\$ Amount	\$ Amount	\$ Amount
			certified	certified	ordinance	certified	certified
	General Obligation Bond Debt	50	833,357,715	0.12868%	1,072,332.28	1,072,364.76	1,072,364.76
	General Purpose	10	833,357,715	0.10290%	857,468.00	857,525.13	857,525.13
	Fire Pension	10	833,357,715	0.58799%	4,900,000.00	4,900,060.25	4,900,060.25
	Police Pension	10	833,357,715	0.48983%	4,082,000.00	4,082,036.28	4,082,036.28
	City Library	35	833,357,715	0.34799%	2,900,000.00	2,900,001.65	2,900,001.65
	Municipal Band	36	833,357,715	0.00780%	65,000.00	65,001.90	65,001.90
	Mass Transit						
	Bonds Public Building						
1	Total City		833,357,715	1.66519%	13,876,800.28	13,876,989.97	13,876,989.97
			ok	ok	ok	ok	ok
						1.66519	
	TIF District (tax code district)		AV Increment	input	input	input	Billed
			Value	Tax	AV Increment	Extension	
			certified	Rate	\$ Amount	\$ Amount	\$ Amount
			certified	certified		certified	certified
	ZTF3 Pines TIF (4062)	28	689,974	10.47455%	72,271.67	72,271.73	72,271.73
	ZTF4 SE Plaza TIF (9542)	20	3,332,550	9.57320%	319,031.68	319,031.71	319,031.71
	ZTF5 Olde Towne TIF (4555)	19	9,971,266	10.47455%	1,044,445.24	1,044,448.71	1,044,448.71
	ZTF6 Near North TIF (4455)	21	5,334,892	10.47455%	558,805.93	558,807.54	558,807.54
	ZTF8 Eastgate TIF (9543)	23	963,211	9.87921%	95,157.64	95,157.67	95,157.67
	ZTF0 Grand & Oakland (4062)	29	1,220,524	10.47455%	127,844.40	127,844.53	127,844.53
	ZTFA SS Redevelopment (xxxx)	24	193,524	10.28152%	19,897.21	19,897.22	19,897.22
2	Redevelopment TIF		21,705,941		2,237,453.76	2,237,459.11	2,237,459.11
			ok			ok	ok
	Total Property Tax Levy				16,114,254.04	16,114,449.08	16,114,449.08

Note(s)

- 1 Data per City of Decatur 2017 Tax Levy - certification and extension dated April 19, 2018 certified May 8, 2018 received by City May 09, 2018
- 2 Data per Macon County - AV increment, Tax Rates, certification and extention dated May 08, 2018 received by City May 09, 2018

Prepared By:
Office of the City Treasurer

**City of Decatur, Macon County
Property Tax Levy
City and TIF Districts
Tax Collections**

**Assessed Value Year
Pay Year
2017
2018
Pending**

Tax Levy Item	Fund	Billed \$ Amount	99.0% Collection Rate	Expected Collection \$ Amount	input			Total Distribution	Expected Account Receivable \$ Amount	Actual Collection Rate
					Distribution 1 6/xx/2018	Distribution 2 9/xx/2018	Distribution 3 12/xx/2018			
General Obligation Bond Debt	50	1,072,364.76	99.0%	1,061,641.00				-	1,061,641.00	0.0%
General Purpose	10	857,525.13	99.0%	848,950.00				-	848,950.00	0.0%
Fire Pension	10	4,900,060.25	99.0%	4,851,060.00				-	4,851,060.00	0.0%
Police Pension	10	4,082,036.28	99.0%	4,041,216.00				-	4,041,216.00	0.0%
City Library	35	2,900,001.65	99.0%	2,871,002.00				-	2,871,002.00	0.0%
Municipal Band	36	65,001.90	99.0%	64,352.00				-	64,352.00	0.0%
Mass Transit		-						-	-	
Public Building Bonds		-						-	-	
Total City		13,876,989.97		13,738,221.00	-	-	-	-	13,738,221.00	0.0%
City Collection Rate:								0.0%		
ZTF3 Pines TIF (4062)	28	72,271.73	100.0%	72,272.00				-	72,272.00	0.0%
ZTF4 SE Plaza TIF (9542)	20	319,031.71	100.0%	319,032.00				-	319,032.00	0.0%
ZTF5 Olde Towne TIF (4555)	19	1,044,448.71	98.0%	1,023,560.00				-	1,023,560.00	0.0%
ZTF6 Near North TIF (4455)	21	558,807.54	100.0%	558,808.00				-	558,808.00	0.0%
ZTF8 Eastgate TIF (9543)	23	95,157.67	100.0%	95,158.00				-	95,158.00	0.0%
ZTF0 Grand & Oakland (xxxx)	29	127,844.53	100.0%	127,845.00				-	127,845.00	0.0%
ZTFA SS Redevelopment (xxxx)	24	19,897.22	100.0%	19,897.00				-	19,897.00	0.0%
Redevelopment TIF		2,237,459.11		2,216,572.00	-	-	-	-	2,216,572.00	0.0%
City Collection Rate:								0.0%		
Total Property Tax Levy		16,114,449.08		15,954,793.00	-	-	-	-	15,954,793.00	0.0%
City Collection Rate:					ok	ok		0.0%		

Note(s)

- 1 Payment received 06/xx/2018 from Macon County Treasurer with check distribution / checks xxxxx, dated June xx, 2018
- 2 Payment received 09/xx/2018 from Macon County Treasurer with check distribution / checks xxxxx, dated September xx, 2018
- 3 Payment received 12/xx/2018 from Macon County Treasurer with check distribution / checks xxxxx, dated December xx, 2018

Footnote (Not a part of City Tax Levy)

Decatur Road & Bridge Tax Distribution	10-0831-301102
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	input Distribution 1 6/xx/2018	input Distribution 2 9/xx/2018	input Distribution 3 12/xx/2018	Total Distribution
Total County Distribution to Civil City	-	-	-	-
	ok	ok	ok	

Footnote (Not a part of City Tax Levy)

Decatur Mobile Home Privilege Tax Distribution	10-0231-301106	-	-	-	-	test s/b "0"
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Distribution to City including TIF & Mobile Home		-	-	-	-	-
		ok	ok	ok		
General Obligation Bond Debt	50-43500-301103	ZTF3 Pines TIF (4062)	28-43281-301103			
General Purpose	10-0231-301103	ZTF4 SE Plaza TIF (9542)	20-43200-301103			
Fire Pension	10-0231-301103	ZTF5 Olde Towne TIF (4555)	19-45190-301103			
Police Pension	10-0231-301103	ZTF6 Near North TIF (4455)	21-43210-301103			
City Library	35-59350-301103	ZTF8 Eastgate TIF (9543)	23-43230-301103			
Municipal Band	36-43360-301103	ZTF0 Grand & Oakland (xxxx)	29-43291-301103			
		ZTFA SS Redevelopment (xxxx)	24-43241-301103			

Prepared By:
Office of the City Treasurer

**City of Decatur
City Treasurer's Financial Report
Grant Tracking Schedule**

Period Ending: June, 2018

Grant ID	Div	Grant Name	State	Federal	In Budget	Status	Grant Amount
1	050 Planning & Sustainability	702202 ITEP DECATUR CORRIDOR MONUMENT		X	Y	ACTIVE	1,000,000
30	050 Planning & Sustainability	SPR-PL-3000(73) 3-C TRANSPORTATION PLANNING ACTIVITIES (DUATS PL)		X	Y	CLOSED	286,396
31	050 Planning & Sustainability	IL-80-0017 TECHNICAL STUDIES GRANT (DUATS FTA)		X	Y	CLOSED	47,767
35	050 Planning & Sustainability	18T0015 3-C TRANSPORTATION PLANNING ACTIVITIES (DUATS PL)	X	X	Y	ACTIVE	268,705
36	050 Planning & Sustainability	18T0015 TECHNICAL STUDIES GRANT (DUATS FTA)	X	X	Y	ACTIVE	67,176
14062	050 Planning & Sustainability	Pending SUPPLY CHAIN NETWORK PLANNING & OPTIMIZATION STRATEGY		X		PENDING	230,020
42	053 Neighborhood Services	APP-51418 ABANDONED RESIDENTIAL PROPERTY MUNICIPALITY RELEIF PROGRAM	X		N	PENDING	125,000
C2015	054 Neighborhood Outreach	B-15-MC-17-0008 COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG)		X	Y	ACTIVE	1,241,326
C2016	054 Neighborhood Outreach	B-16-MC-17-0008 COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG)		X	Y	ACTIVE	1,268,061
C2017	054 Neighborhood Outreach	B-17-MC-17-0008 COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG)		X	Y	ACTIVE	1,262,045
H2015	054 Neighborhood Outreach	M-15-MC-17-0203 HOME INVESTMENT PARTNERSHIP		X	Y	ACTIVE	269,693
H2016	054 Neighborhood Outreach	M-16-MC-17-0203 HOME INVESTMENT PARTNERSHIP		X	Y	ACTIVE	327,118
H2017	054 Neighborhood Outreach	M-17-MC-17-0203 HOME INVESTMENT PARTNERSHIP		X	Y	ACTIVE	330,899
21	065 Police	1121-0235 - 2015 BULLETPROOF VEST PARTNERSHIP (BVP)		X	Y	CLOSED	11,419
28	065 Police	AP-17-0175 STEP		X	Y	CLOSED	72,618
32	065 Police	2017 BULLETPROOF VEST PARTNERSHIP (BVP)		X	Y	ACTIVE	26,954
34	065 Police	AP-18-0120 STEP		X	Y	ACTIVE	70,566
J2016	065 Police	2016-DJ-BX-0285 JUSTICE ASSISTANCE GRANT		X	N	ACTIVE	30,236
39	070 Fire	EMW-2017-FP-00223 COMMUNITY RISK REDUCTION PROJECT GRANT		X	N	PENDING	30,475
40	070 Fire	EMW-2017-FO-03697 OPERATINGS AND SAFETY		X	N	PENDING	200,000
41	070 Fire	18-PENDING# SMALL EQUIP GRANT PROGRAM	X		N	PENDING	25,500
09331	082 Public Works	P-97-072-10 ILLINIOS JOBS NOW; BRUSH COLLEGE SUBWAY IMPROVEMENTS	X		Y	ACTIVE	1,465,557
09333	082 Public Works	TIGER GRANT; BRUSH COLLEGE RD FAIRIES PKWY GRADE SEP		X	N	DENIED	20,000,000
09334	082 Public Works	R-97-007-17 ILLINOIS JOBS NOW; BRUSH COLLEGE RD EXPENSION R-O-W	X		Y	ACTIVE	2,006,014
09335	082 Public Works	IL COMPETITIVE FREIGHT PROGRAM-BRUSH COLLEGE/FAIRES PKWY GRADE SEP		X	N	ACTIVE	25,000,000
1222	082 Public Works	NELSON PARK BIORENTENTION PROJECT	X		N	PENDING	575,000
12221	082 Public Works	IEPA L17-5315 WATER PLLUTION CONTROL-NELSON PARK SEWER		X	Y	ACTIVE	4,844,000
1325	082 Public Works	95784 MOUND ROAD BRIDGE		X	N	ACTIVE	818,214
1406	082 Public Works	15-203002 IL DCEO (MIDWEST INLAND PORT TRANSPORTATION STUDY)	X		N	ON HOLD	250,000
14061	082 Public Works	SPR-PL3000(52) MIDWEST INLAND PORT (MIP) TRANSPORTATION STUDY		X	N	ON HOLD	180,000
1507	082 Public Works	IEPA L17-5329 WATER PLLUTION CONTROL-7TH WARD SEWER		X	Y	ACTIVE	9,203,831
L2016	350 Library	FY2016 IL PUBLIC LIBRARY PER CAPITA GRANT	X		Y	CLOSED	58,679
L2017	350 Library	FY2017 IL PUBLIC LIBRARY PER CAPITA GRANT	X		Y	ACTIVE	59,104
38	350 Library	18-3007-PNG PROJECT NEXT GENERATION		X	Y	ACTIVE	12,200
F13	700 Mass Transit	IL-90-X710 FY13 CAPITAL PROJECT		X	Y	ACTIVE	80,320
F16-1	700 Mass Transit	IL-2016-027-00 FY1 OPERATING ASSISTANCE/CAPITAL		X	Y	ACTIVE	1,651,807
F17-1	700 Mass Transit	IL-2017-029-01 FY17 OPERATING ASSISTANCE		X	Y	ACTIVE	1,612,548
F17-2	700 Mass Transit	IL-2017-029-02 FY17 REPLACEMENT OF CARPETING & BUS STOP IMPROVEMENTS		X	Y	ACTIVE	153,802

City of Decatur
City Treasurer's Financial Report
Grant Tracking Schedule

Period Ending: June, 2018

Grant ID	Div	Grant Name	State	Federal	In Budget	Status	Grant Amount
S17	700 Mass Transit	OP-17-08-IL #4724 FY-2017 DOWNSSTATE OPERATING ASSISTANCE GRANT	X		Y	CLOSED	4,783,235
S18	700 Mass Transit	OP-18-08-IL #4876 FY-2018 DOWNSSTATE OPERATING ASSISTANCE GRANT	X		Y	ACTIVE	10,051,800
S19	700 Mass Transit	OP-19-08-IL #Pending FY-2019 DOWNSSTATE OPERATING ASSISTANCE GRANT	X		Y	PENDING	11,057,000
SC14	700 Mass Transit	CAP-14-1034-ILL #4464 CAPITAL GRANT	X		Y	ACTIVE	3,190,000

Bold print indicates information updated from previous month's report

City of Decatur
City Treasurer's Financial Report
Expenditure Tracking

June, 2018

Div	Month of Fiscal Year	Fund	1 Jan	2 Feb	3 Mar	4 Apr	5 May	6 Jun	7 Jul	8 Aug	9 Sep	10 Oct	11 Nov	12 Dec	Actual YTD	Original Budget	Revised Budget	YTD % of Budget
General Government																		
010	LEGISLATIVE	10	3,611	2,410	3,200	2,414	3,572	10,175							25,382	59,964	59,964	42%
015	EXECUTIVE	10	55,500	51,849	52,743	53,684	77,189	57,300							348,265	725,522	725,522	48%
016	HUMAN RESOURCES	10	37,668	46,209	56,180	43,515	63,666	48,528							295,766	629,533	629,533	47%
017	INFORMATION TECHNOLOGIES	10	177,727	121,354	136,023	263,603	170,777	100,587							970,071	1,914,833	1,914,833	51%
018	CITY CLERK	10	2,918	2,393	1,698	2,364	1,682	1,761							12,815	28,514	28,514	45%
020	LEGAL	10	96,775	85,767	90,223	78,509	107,293	77,104							535,672	879,594	949,234	56%
035	FINANCE	10	87,132	92,208	96,741	133,032	152,928	104,509							666,551	1,380,147	1,380,147	48%
037	PURCHASING	10	16,389	16,915	16,463	16,780	24,718	18,523							109,788	223,082	223,082	49%
038	CIVIC CENTER	10	18,204	20,678	15,442	18,937	16,309	14,339							103,909	230,238	230,238	45%
039	CITY GENERAL ADMINISTRATIVE	10	23,097	95,003	164,436	82,750	5,000	10,312							380,598	3,053,285	3,239,285	12%
Sub Total			519,022	534,786	633,149	695,588	623,133	443,138	-	-	-	-	-	-	3,448,816	9,124,712	9,380,352	37%
Development Services																		
050	PLANNING & SUSTAINABILITY	10	43,665	32,280	31,413	32,796	47,032	31,262							218,448	634,335	634,335	34%
052	BUILDING INSPECTIONS	10	43,496	41,807	44,445	43,114	62,580	43,136							278,577	667,200	597,560	47%
053	NEIGHBORHOOD INSPECTIONS	10	45,004	42,479	42,758	46,765	81,396	58,703							317,106	750,694	750,694	42%
054	NEIGHBORHOOD OUTREACH	10	25,158	24,774	24,775	24,775	37,083	24,895							161,462	332,719	332,719	49%
Sub Total			157,323	141,341	143,391	147,450	228,092	157,996	-	-	-	-	-	-	975,593	2,384,948	2,315,308	42%
Public Safety																		
060	EMERGENCY COMMUNICATIONS	10	39,010	-	-	-	-	-							39,010	226,000	40,000	98%
065	POLICE	10	1,902,663	1,586,022	1,453,265	1,855,333	2,154,349	1,509,615							10,461,248	26,646,611	26,646,611	39%
070	FIRE	10	1,193,479	1,046,153	1,192,532	1,142,806	1,560,942	1,108,171							7,244,082	19,777,504	19,777,504	37%
Sub Total			3,135,152	2,632,175	2,645,797	2,998,139	3,715,290	2,617,786	-	-	-	-	-	-	17,744,340	46,650,115	46,464,115	38%
Public Works																		
080	PUBLIC WORKS ADMIN	10	152,230	25,796	50,018	29,268	37,071	29,907							324,290	454,973	454,973	71%
082	ENGINEERING	10	75,725	75,688	84,767	67,269	107,283	87,439							498,171	1,258,764	1,258,764	40%
083	MUNICIPAL SERVICES	10	373,360	350,223	346,841	328,161	463,525	337,480							2,199,591	4,673,548	4,673,548	47%
084	STREETS	10	67,056	70,855	111,086	74,129	75,419	108,993							507,538	896,717	896,717	57%
086	TRAFFIC & PARKING	10	179,095	162,990	59,644	320,348	156,462	148,419							1,026,958	2,020,086	2,020,086	51%
088	URBAN FORESTRY	10	23,836	26,167	28,504	23,629	24,550	31,389							158,076	531,137	531,137	30%
Sub Total			871,302	711,720	680,860	842,805	864,310	743,627	-	-	-	-	-	-	4,714,623	9,835,225	9,835,225	48%
General Fund Expenditure Total			4,682,799	4,020,022	4,103,197	4,683,983	5,430,824	3,962,547	-	-	-	-	-	-	26,883,373	67,995,000	67,995,000	40%

City of Decatur
City Treasurer's Financial Report
Expenditure Tracking

June, 2018

		Month of Fiscal Year	1	2	3	4	5	6	7	8	9	10	11	12	Actual	Original	Revised	YTD
Div		Fund	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	Budget	Budget	% of Budget
Development Services																		
120	PLANNING	12	1,196	18,234	642	150,792	15,308	25,329							211,500	553,500	553,500	38%
170	HOME PROGRAM	17	7,939	6,049	2,880	4,649	4,968	4,814							31,299	296,739	296,739	11%
171	PROGRAM DELIVERY COSTS	17	5,960	58	193	-	-	1,750							7,961	544,160	544,160	1%
181	PROJECTS	18	24,395	16,981	16,981	22,467	12,952	9,677							103,453	908,377	908,377	11%
183	REHAB PROJECTS	18	3,443	24,252	30,997	9,019	3,645	52,188							123,543	549,108	549,108	22%
184	ADMINISTRATION	18	23,345	14,179	17,453	14,798	9,469	2,401							81,645	439,434	439,434	19%
220	DUATS	22	-	52,745	-	397	-	478							53,619	260,000	260,000	21%
400	PEG PROJECTS	40	2,706	222,747	2,674	2,207	3,205	2,706							236,243	305,154	305,154	77%
701	MT-OPERATIONS	70	67,060	74,244	70,368	106,834	96,286	75,824							490,616	1,170,354	1,170,354	42%
702	MT-MAINTENANCE	70	148,558	126,374	132,822	111,868	122,920	130,129							772,670	1,483,059	1,483,059	52%
703	MT-TRANSPORTATION	70	283,302	429,027	347,958	363,721	423,723	338,303							2,186,034	4,863,603	4,863,603	45%
704	MT-INSURANCE	70	10,705	46,389	2,310	40,400	14,081	388							114,272	374,656	374,656	31%
705	MT-CAPITAL	70	59,116	3,111	-	-	-	-							62,227	345,308	345,308	18%
820	DCDF	82	269	2,269	1,041	66	3,910	1,533							9,088	135,600	135,600	7%
830	NEIGHBORHOOD IMPROVEMENTS	83	-	337	75	-	469	6,550							7,431	20,378	20,378	36%
840	COMMUNITY REVITALIZATION	84	31,135	-	-	-	-	-							31,135	300,000	1,300,000	2%
880	RECYCLING	88	52,458	48,867	55,925	48,900	56,890	58,168							321,207	661,495	661,495	49%
Sub Total			721,585	1,085,863	682,318	876,116	767,826	710,237	-	-	-	-	-	-	4,843,945	13,210,925	14,210,925	34%
Redevelopment & TIF																		
190	OLDE TOWNE TIF	19	-	-	-	-	-	258,745							258,745	1,143,590	1,143,590	23%
200	SE PLAZA TIF	20	476,921	-	-	-	-	-							476,921	550,000	550,000	87%
210	WABASH CROSSING TIF	21	-	-	-	-	-	53,030							53,030	266,760	268,260	20%
230	EASTGATE TIF	23	-	-	68,588	-	-	-							68,588	320,000	320,000	21%
241	SOUTHSIDE TIF	24	10,639	-	-	-	-	-							10,639	8,100	10,650	100%
281	PINES SHOPPING CENTER TIF	28	-	-	103,762	-	-	-							103,762	105,000	105,000	99%
291	GRAND & OAKLAND TIF	29	-	-	182,445	-	-	-							182,445	190,000	190,000	96%
Sub Total			487,560	-	354,795	-	-	311,775	-	-	-	-	-	-	1,154,129	2,583,450	2,587,500	45%
Public Safety																		
250	DRUG ENFORCEMENT	25	12,019	12,005	23,338	19,508	33,309	30,164							130,342	414,776	414,776	31%
260	DUI COURT FINES	26	5,914	1,690	10,473	3,410	3,391	657							25,534	132,500	132,500	19%
270	POLICE PROGRAMS/LAB	27	-	3,339	375	7,729	2,798	1,133							15,375	34,700	34,700	44%
320	FIRE EMERGENCY GRANT	32	-	-	-	-	-	-							-	100,000	100,000	0%
330	POLICE CAPITAL	33	63,462	3,025	2,947	16,961	62,000	4,167							152,561	303,151	303,151	50%
490	FIRE CAPITAL	49	5,410	77,541	-	5,410	68,762	-							157,123	366,047	366,047	43%
491	FIRE CAPITAL PROJECTS	49	-	216,526	33,213	12,313	8,897	81,628							352,577	1,330,000	1,330,000	27%
Sub Total			86,804	314,127	70,346	65,330	179,157	117,748	-	-	-	-	-	-	833,512	2,681,174	2,681,174	31%
Debt Service																		
512	DS-2002 BOND-WABASH CROSSNG	50	29,987	-	-	-	-	-							29,987	59,974	59,974	50%
516	DS-2010A BOND	50	-	-	-	-	-	42,426							42,426	179,601	179,601	24%
518	DS-2010C BOND	50	-	-	-	-	-	16,400							16,400	138,550	138,550	12%
521	DS-2012 GO BOND	50	-	692,026	-	-	-	-							692,026	747,366	747,366	93%
Sub Total			29,987	692,026	-	-	-	58,826	-	-	-	-	-	-	780,838	1,125,491	1,125,491	69%

City of Decatur
City Treasurer's Financial Report
Expenditure Tracking

June, 2018

Month of Fiscal Year		1	2	3	4	5	6	7	8	9	10	11	12	Actual	Original	Revised	YTD
Div	Fund	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	Budget	Budget	% of Budget
Public Works & Capital																	
420	LOCAL MFT INITIATIVE PROJECTS	42	54,503	-	11,565	16,792	4,900	-	-	-	-	-	-	87,760	3,010,000	3,010,000	3%
421	LOCAL STREET CAP PROJECTS	42	918	574,819	3,873	-	-	-	-	-	-	-	-	579,609	1,206,429	1,206,429	48%
451	CAPITAL STREET PROJECTS	45	-	-	-	-	-	-	-	-	-	-	-	-	28,450	28,450	0%
460	MFT PROJECTS	46	55,145	98,817	59,733	96,347	65,615	66,574	-	-	-	-	-	442,232	2,999,100	2,999,100	15%
470	MAJOR MOVES	47	5,000	21,275	-	10,000	5,000	72,094	-	-	-	-	-	113,369	2,610,000	2,610,000	4%
601	FLEET OPERATIONS	60	111,746	140,891	106,279	117,871	161,746	108,662	-	-	-	-	-	747,195	1,563,864	1,563,864	48%
602	FLEET INVENTORY	60	27,412	118,236	92,911	63,011	104,358	53,059	-	-	-	-	-	458,987	886,000	886,000	52%
610	EQUIPMENT REPLACEMENT	61	350	36,224	-	9,686	9,821	-	-	-	-	-	-	56,082	214,400	214,400	26%
780	STORM WATER PROJECTS	78	264,623	62,335	231,028	56,411	75,005	63,767	-	-	-	-	-	753,169	4,596,691	4,596,691	16%
782	STORM DEBT SERVICE-2017 IEPA	78	-	-	-	-	-	-	-	-	-	-	-	-	120,000	120,000	0%
790	SEWER PROJECTS	79	633,218	1,239,361	1,529,835	593,266	213,231	270,423	-	-	-	-	-	4,479,335	13,149,674	13,149,674	34%
792	SEWER DEBT SERVICE-2013 IEPA	79	-	-	-	229,848	-	-	-	-	-	-	-	229,848	459,696	459,696	50%
793	SEWER DEBT SERVICE-2014 IEPA	79	66,351	-	-	-	-	-	-	-	-	-	-	66,351	132,702	132,702	50%
794	SEWER DEBT SERVICE-2015 IEPA	79	-	-	-	-	-	-	-	-	-	-	-	-	550,000	550,000	0%
Sub Total			1,219,266	2,291,958	2,035,224	1,193,232	639,677	634,579	-	-	-	-	-	8,013,936	31,527,006	31,527,006	25%
Library																	
351	LIBRARY OPERATIONS	35	253,076	273,840	275,631	298,273	371,771	264,768	-	-	-	-	-	1,737,360	3,573,350	3,573,350	49%
582	LIBRARY CAPITAL PROJECTS	58	-	-	-	-	-	-	-	-	-	-	-	-	375,000	375,000	0%
591	DPL-CANTONI TRUST	59	-	-	30	-	255	145	-	-	-	-	-	430	45,000	45,000	1%
592	DPL-MEYER TRUST	59	1,884	1,924	1,861	1,861	5,097	2,005	-	-	-	-	-	14,631	46,528	46,528	31%
594	DPL-DONATIONS	59	-	515	775	606	263	636	-	-	-	-	-	2,795	30,000	30,000	9%
Sub Total			254,961	276,279	278,297	300,739	377,386	267,554	-	-	-	-	-	1,755,215	4,069,878	4,069,878	43%
Other Miscellaneous																	
340	BUILDING FUND	34	25,305	34,046	37,138	32,810	43,639	38,020	-	-	-	-	-	210,959	478,912	478,912	44%
360	BAND	36	1,830	1,039	126	126	11,494	19,637	-	-	-	-	-	34,253	93,077	93,077	37%
641	RISK MANAGEMENT	64	19,367	17,908	21,805	19,763	25,396	20,586	-	-	-	-	-	124,825	268,740	268,740	46%
642	WORKER'S COMPENSATION	64	120,449	233,854	281,199	158,957	203,696	111,367	-	-	-	-	-	1,109,522	1,986,500	1,986,500	56%
643	LIABILITY PROPERTY & CASUALTY	64	8,559	-	125,386	21,318	53,006	9,745	-	-	-	-	-	218,014	687,500	687,500	32%
651	MEDICAL INSURANCE	65	910,440	1,007,611	684,953	1,129,018	781,860	1,024,445	-	-	-	-	-	5,538,327	10,502,278	10,502,278	53%
653	UNEMPLOYMENT INSURANCE	65	-	8,534	-	-	12,745	-	-	-	-	-	-	21,278	30,000	30,000	71%
770	FIBER OPTICS	77	-	413,516	3,000	3,000	3,000	3,000	-	-	-	-	-	425,516	232,100	232,100	183%
Sub Total			1,085,951	1,716,507	1,153,608	1,364,993	1,134,835	1,226,799	-	-	-	-	-	7,682,694	14,279,107	14,279,107	54%
Water Utility & Capital																	
801	WATER PRODUCTION	80	470,121	381,239	408,597	344,202	442,570	381,470	-	-	-	-	-	2,428,199	5,167,997	5,167,997	47%
802	WATER LAKE SERVICES	80	59,994	93,192	59,597	63,869	95,092	86,424	-	-	-	-	-	458,167	1,093,944	1,093,944	42%
803	WATER ADMINISTRATION	80	284,634	291,401	294,119	291,097	302,387	288,279	-	-	-	-	-	1,751,916	6,375,914	6,375,914	27%
804	WATER SERVICES	80	246,657	330,754	253,759	261,212	345,914	258,895	-	-	-	-	-	1,697,192	3,377,028	3,377,028	50%
805	UTILITY CUSTOMER SERVICE	80	79,032	59,731	87,781	89,951	90,407	58,353	-	-	-	-	-	465,255	1,138,668	1,138,668	41%
808	WATER DEBT SERV-SWTP	80	-	5,497,759	350	-	475	615,208	-	-	-	-	-	6,113,792	10,726,893	10,726,893	57%
809	WATER DEBT-NITRATE FACILITY	80	-	-	-	-	242,179	-	-	-	-	-	-	242,179	484,358	484,358	50%
808	WATER DEBT-MAIN&FRANK TANK	80	180,840	-	-	-	-	-	-	-	-	-	-	180,840	361,681	361,681	50%
80C	WATER DEBT-ENERGY PROJECT	80	-	313,660	-	-	313,660	-	-	-	-	-	-	627,320	1,263,528	1,263,528	50%
811	WATER NON LAKE CAPITAL	81	-	8,029	176,216	20,000	19,745	85,816	-	-	-	-	-	309,807	5,000,000	5,000,000	6%
812	WATER LAKE CAPITAL	81	-	380	-	1,352	116,536	37	-	-	-	-	-	118,304	762,000	762,000	16%
890	WATER BONDS	89	-	7,588	14,262	6,974	522,786	1,461,836	-	-	-	-	-	2,013,446	20,295,000	20,295,000	10%
Sub Total			1,321,279	6,983,734	1,294,681	1,078,656	2,491,751	3,236,318	-	-	-	-	-	16,406,418	56,047,011	56,047,011	29%
Fudiciary Trust & Agency																	
900	FIRE PENSION	90	643,730	653,729	629,587	626,289	682,523	640,516	-	-	-	-	-	3,876,374	8,413,192	8,413,192	46%
910	POLICE PENSION	91	702,048	706,636	661,710	648,794	737,068	710,259	-	-	-	-	-	4,166,516	8,352,740	8,352,740	50%
Sub Total			1,345,778	1,360,365	1,291,297	1,275,084	1,419,591	1,350,776	-	-	-	-	-	8,042,891	16,765,932	16,765,932	48%
Grand Total Expenditures			11,235,969	18,740,882	11,263,763	10,838,134	12,441,046	11,877,159	-	-	-	-	-	76,396,957	210,284,974	211,289,024	36%

City of Decatur
Water Utility Financial Report

Operating Fund Statement of Revenue and Expense

US\$ (whole)	Current Month Actual	Current Month Budget	O(U) Budget	Prior Year Actual	O(U) Prior Year
Revenue					
Water Sales	2,419,949	2,631,653	(211,704)	2,402,041	17,908
Tapping Fees	2,224	1,660	564	1,750	474
UCB Billing Reimb	39,248	40,738	(1,490)	-	39,248
Interest Income	2,112	3,707	(1,595)	3,925	(1,813)
Other Income	6,058	8,624	(2,566)	6,564	(506)
Total Revenue	2,469,591	2,686,382	(216,791)	2,414,280	55,311
Cost of Service					
Water Production	381,470	408,504	(27,034)	433,914	(52,444)
Water Services	258,895	257,883	1,012	302,912	(44,017)
Total Cost of Service	640,365	666,387	(26,022)	736,826	(96,461)
% of Revenue	25.9%	24.8%		30.5%	
Water Gross Margin	1,829,226	2,019,995	(190,769)	1,677,454	151,772
% of Revenue	74.1%	75.2%		69.5%	
Operating Expense					
Lake Management	86,424	104,051	(17,627)	110,812	(24,388)
Water Administration	288,279	295,956	(7,677)	342,954	(54,675)
Customer Service	58,353	85,255	(26,902)	-	58,353
Total Operating Expense	433,056	485,262	(52,206)	453,766	(20,710)
% of Revenue	17.5%	18.1%		18.8%	
Margin Before Debt Service	1,396,170	1,534,733	(138,563)	1,223,688	172,482
% of Revenue	56.5%	57.1%		50.7%	
Debt Service					
GO Bond Debt	615,208	535,940	79,268	509,776	105,432
IEPA - Nitrate Facility	-	-	-	-	-
IEPA - Water Tower	-	-	-	-	-
JCI - Auto Water Meter	-	-	-	-	-
Total Debt Service	615,208	535,940	79,268	509,776	105,432
% of Revenue	24.9%	20.0%		21.1%	
Operating Income	780,962	998,793	(217,831)	713,912	67,050
% of Revenue	31.6%	37.2%		29.6%	
Transfer to Capital					
CapEx Funding	-	-	-	-	-
Income after Capital Transfer	780,962	998,793	(217,831)	713,912	67,050
% of Revenue	31.6%	37.2%		29.6%	

Balance Sheet Items (Operating Fund)

Cash	4,876,604		5,285,585	
Interfund AR	-		-	
Investments	-		-	
Total Cash & Investments	4,876,604		5,285,585	
Accounts Receivable	2,724,032		2,772,403	

Prepared By:

Office of the City Treasurer

Month of: **June, 2018**

Current YTD Actual	Current YTD Budget	O(U) Budget	Prior YTD Actual	O(U) Prior Year
14,053,196	13,957,814	95,382	13,530,302	522,894
5,491	4,983	508	5,253	238
208,711	225,584	(16,873)	-	208,711
8,783	7,817	966	8,278	505
182,810	243,055	(60,245)	212,702	(29,892)
14,458,991	14,439,253	19,738	13,756,535	702,456
2,428,199	2,267,383	160,816	2,116,023	312,176
1,697,191	1,743,699	(46,508)	1,665,367	31,824
4,125,390	4,011,082	114,308	3,781,390	344,000
28.5%	27.8%		27.5%	
10,333,601	10,428,171	(94,570)	9,975,145	358,456
71.5%	72.2%		72.5%	
458,168	457,917	251	432,776	25,392
1,751,917	1,773,011	(21,094)	1,961,317	(209,400)
465,255	569,517	(104,262)	-	465,255
2,675,340	2,800,445	(125,105)	2,394,093	281,247
18.5%	19.4%		17.4%	
7,658,261	7,627,726	30,535	7,581,052	77,209
53.0%	52.8%		55.1%	
6,113,792	6,033,699	80,093	5,255,704	858,088
242,179	242,179	-	242,179	-
180,840	180,840	-	180,840	-
627,320	627,320	-	542,648	84,672
7,164,131	7,084,038	80,093	6,221,371	942,760
49.5%	49.1%		45.2%	
494,130	543,688	(49,558)	1,359,681	(865,551)
3.4%	3.8%		9.9%	
-	-	-	-	-
494,130	543,688	(49,558)	1,359,681	(865,551)
3.4%	3.8%		9.9%	

City of Decatur
Water Utility Financial Report
Capital Fund Statement of Revenue and Expense

Month of: **June, 2018**

	Current Month Actual	Current YTD Actual	Current YTD Budget	O(U) Budget	Full Year Budget	Comments
Revenue						
CapEx Funding	-	-	-	-	2,750,000	CapEx funding from Water Operating Fund
ADM Cost Share	-	1,000,000	1,000,000	-	1,000,000	Actual ADM cost share
IEPA Loan draw down	-	-	-	-	-	
Other	7,134	34,204	749	33,455	6,000	
Total Revenue	7,134	1,034,204	1,000,749	33,455	3,756,000	

CapEx Project Spending					
Operating CapEx	-	8,029	99,999	(91,970)	300,000
Professional Services	69,340	69,340	178,500	(109,160)	238,000
Capital Equipment	-	22,024	-	22,024	-
Water Distribution	-	-	17,000	(17,000)	34,000
Pump Stations	-	-	-	-	-
Water Main Replacement	-	129,559	723,804	(594,245)	2,600,000
Water System Improv	4,848	24,593	50,000	(25,407)	200,000
SWTP CapEx	11,628	56,261	651,200	(594,939)	1,628,000
Lake Operating	-	3,256	5,000	(1,744)	10,000
Other Equipment	-	-	-	-	-
Storm Water Improvement	-	115,012	30,000	85,012	30,000
EPA Non Source	-	-	-	-	25,000
Lakefront Development	-	-	-	-	412,000
Sediment Control	-	-	-	-	35,000
Additional Water Supply	37	37	-	37	250,000
xxxx	-	-	-	-	-
xxxx	-	-	-	-	-
xxxx	-	-	-	-	-
Total CapEx Spending	85,853	428,111	1,755,503	(1,327,392)	5,762,000

Surplus (Deficit)	(78,719)	606,093	(754,754)		(2,006,000)
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Capital Fund Cash Position			
Cash at January 1, 2016	3,768,276		
Current Cash Position	4,355,544	Cash Position Target at December 31, 2017	2,016,363
included in cash above	-		

Prepared By: Office of the City Treasurer

City of Decatur
Water Utility Financial Report
Key Metrics

home

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	YTD Comparison
Current Year														
Water Bill Count														
Original Bills														
Residential	27,941	25,424	26,984	27,138	27,114	27,423							162,024	
Industrial	32	32	32	32	32	32							192	
Commercial	2,716	2,612	2,660	2,688	2,677	2,733							16,086	
Total	30,689	28,068	29,676	29,858	29,823	30,188	-	-	-	-	-	-	178,302	99.4%
Delinquent Bills														
Residential	8,158	6,790	6,883	7,087	8,086	7,046							44,050	
Industrial	-	-	5	-	-	-							5	
Commercial	408	323	311	395	342	320							2,099	
Total	8,566	7,113	7,199	7,482	8,428	7,366	-	-	-	-	-	-	46,154	101.7%
Total Bill Count	39,255	35,181	36,875	37,340	38,251	37,554	-	-	-	-	-	-	224,456	99.9%
Cubit Feet Consumption Billed														
Residential	12,914,047	11,669,667	10,940,431	11,500,732	12,061,263	14,682,041							73,768,181	99.0%
Industrial	39,887,143	47,219,407	40,507,426	39,442,037	46,234,329	42,460,596							255,750,938	107.1%
Commercial	10,232,427	10,900,160	9,181,729	9,530,981	10,153,152	13,253,331							63,251,780	98.0%
Total	63,033,617	69,789,234	60,629,586	60,473,750	68,448,744	70,395,968	-	-	-	-	-	-	392,770,899	103.9%
Water Shut Offs	358	305	282	312	269	305							1,831	93.3%
Customer Service Telephone Calls	5,319	4,449	4,279	4,625	4,808	4,929							28,409	100.7%
Water Billed \$														
Residential	\$ 729,899	\$ 658,679	\$ 633,563	\$ 661,728	\$ 691,108	\$ 828,230							\$ 4,203,207	101.5%
Industrial	\$ 1,004,938	\$ 1,169,702	\$ 999,443	\$ 976,210	\$ 1,120,867	\$ 1,092,080							\$ 6,363,240	107.0%
Commercial	\$ 495,729	\$ 505,596	\$ 450,932	\$ 465,234	\$ 484,339	\$ 594,977							\$ 2,996,807	100.5%
Total	\$ 2,230,566	\$ 2,333,977	\$ 2,083,938	\$ 2,103,172	\$ 2,296,314	\$ 2,515,287	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,563,254	103.8%
Penalty \$	\$ 12,890	\$ 12,243	\$ 37,226	\$ 11,485	\$ 12,753	\$ 11,493							\$ 98,090	115.7%
Total Billed	\$ 2,243,456	\$ 2,346,220	\$ 2,121,164	\$ 2,114,657	\$ 2,309,067	\$ 2,526,780	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,661,344	103.9%
Water Gallonage														
Gallons (000)	265,510	259,870	275,500	276,050	329,710	322,170							1,728,810	103.2%
\$ Billed	\$ 79,122	\$ 77,441	\$ 82,099	\$ 82,263	\$ 98,254	\$ 96,007							\$ 515,186	103.2%
Water Billed vs Cash Receipts														
Billed \$	\$ 2,322,578	\$ 2,423,661	\$ 2,203,263	\$ 2,196,920	\$ 2,407,321	\$ 2,622,787	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,176,530	103.8%
Cash Revenue \$	\$ 2,293,292	\$ 2,442,137	\$ 2,261,078	\$ 2,266,797	\$ 2,369,943	\$ 2,419,949							\$ 14,053,196	103.9%
% Cash to Billed	98.7%	100.8%	102.6%	103.2%	98.4%	92.3%	-	-	-	-	-	-	99.1%	
Prior Year														
Water Bill Count														
Original Bills														
Residential	26,709	25,130	29,765	25,203	28,256	27,917	24,979	28,002	24,782	26,782	26,697	26,681	320,903	
Industrial	32	32	32	32	32	32	32	32	32	32	32	32	384	
Commercial	2,668	2,407	2,941	2,614	2,703	2,809	2,540	2,767	2,550	2,671	2,664	2,663	31,997	
Total	29,409	27,569	32,738	27,849	30,991	30,758	27,551	30,801	27,364	29,485	29,393	29,376	353,284	
Delinquent Bills														
Residential	6,947	6,707	7,439	6,531	7,638	7,966	7,282	8,165	7,086	7,552	7,618	7,097	88,028	
Industrial	-	-	1	-	-	-	-	-	-	-	-	-	1	
Commercial	407	329	297	326	399	405	413	329	407	380	348	386	4,426	
Total	7,354	7,036	7,737	6,857	8,037	8,371	7,695	8,494	7,493	7,932	7,966	7,483	92,455	
Total Bill Count	36,763	34,605	40,475	34,706	39,028	39,129	35,246	39,295	34,857	37,417	37,359	36,859	445,739	
Cubit Feet Consumption Billed														
Residential	13,050,909	10,815,794	12,890,444	10,689,906	12,340,042	14,696,235	14,823,829	13,762,701	12,923,660	13,318,511	11,938,316	11,535,811	152,786,158	
Industrial	38,534,545	41,420,527	37,063,682	41,987,775	36,733,643	43,112,797	44,145,907	44,435,712	49,965,804	41,787,178	46,650,342	41,369,453	507,207,365	
Commercial	10,842,778	9,806,916	10,693,282	10,030,455	10,335,211	12,849,387	14,758,723	13,962,640	13,670,362	13,060,331	11,717,531	9,994,193	141,721,809	
Total	62,428,232	62,043,237	60,647,408	62,708,136	59,408,896	70,658,419	73,728,459	72,161,053	76,559,826	68,166,020	70,306,189	62,899,457	801,715,332	
Water Shut Offs	350	271	403	243	346	350	292	432	298	381	263	309	3,938	
Customer Service Tphone Calls	4,892	4,091	4,785	4,225	4,855	5,357	4,746	5,512	4,718	4,986	4,460	4,540	57,167	
Water Billed \$														
Residential	\$ 710,757	\$ 607,055	\$ 718,723	\$ 601,462	\$ 692,482	\$ 810,883	\$ 800,659	\$ 765,212	\$ 715,020	\$ 739,716	\$ 679,545	\$ 661,618	\$ 8,503,132	
Industrial	\$ 973,205	\$ 1,035,246	\$ 940,693	\$ 1,021,783	\$ 905,211	\$ 1,070,191	\$ 1,091,871	\$ 1,104,458	\$ 1,197,443	\$ 1,044,767	\$ 1,152,166	\$ 1,013,015	\$ 12,550,049	
Commercial	\$ 493,704	\$ 446,155	\$ 504,522	\$ 465,631	\$ 487,685	\$ 584,236	\$ 629,198	\$ 607,835	\$ 588,513	\$ 576,276	\$ 537,998	\$ 481,642	\$ 6,403,395	
Total	\$ 2,177,666	\$ 2,088,456	\$ 2,163,938	\$ 2,088,876	\$ 2,085,378	\$ 2,465,310	\$ 2,521,728	\$ 2,477,505	\$ 2,500,976	\$ 2,360,759	\$ 2,369,709	\$ 2,156,275	\$ 27,456,576	
Penalty \$	\$ 12,316	\$ 11,830	\$ 24,030	\$ 10,881	\$ 13,118	\$ 12,569	\$ 14,758	\$ 15,636	\$ 12,477	\$ 13,345	\$ 14,488	\$ 12,288	\$ 167,737	
Total Billed	\$ 2,189,982	\$ 2,100,286	\$ 2,187,968	\$ 2,099,757	\$ 2,098,496	\$ 2,477,879	\$ 2,536,486	\$ 2,493,141	\$ 2,513,453	\$ 2,374,104	\$ 2,384,198	\$ 2,168,563	\$ 27,624,313	
Water Gallonage														
Gallons (000)	268,550	220,040	281,500	290,530	291,740	323,090	309,290	312,420	315,830	293,740	263,708	252,220	3,422,658	
\$ Billed	\$ 80,028	\$ 65,572	\$ 83,887	\$ 86,578	\$ 86,939	\$ 96,281	\$ 92,168	\$ 93,101	\$ 94,117	\$ 87,535	\$ 78,991	\$ 75,162	\$ 1,020,359	
Water Billed vs Cash Receipts														
Billed \$	\$ 2,270,010	\$ 2,165,858	\$ 2,271,855	\$ 2,186,335	\$ 2,185,435	\$ 2,574,160	\$ 2,628,654	\$ 2,586,242	\$ 2,607,570	\$ 2,461,639	\$ 2,463,189	\$ 2,243,725	\$ 28,644,672	
Cash Revenue \$	\$ 2,250,637	\$ 2,293,297	\$ 2,197,191	\$ 2,184,431	\$ 2,202,704	\$ 2,402,041	\$ 2,635,068	\$ 2,682,475	\$ 2,554,864	\$ 2,546,501	\$ 2,506,149	\$ 2,264,905	\$ 28,720,264	
% Cash to Billed	99.1%	105.9%	96.7%	99.9%	100.8%	93.3%	100.2%	103.7%	98.0%	103.4%	101.7%	100.9%	100.3%	

**City of Decatur
Treasurer's Financial Report
Headcount Staffing Level**

Period Ending: June, 2018

	2018 Budget	Current Year Staffing Levels												Prior Yr End
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Full Time Staffing														
Executive	5	5	5	5	5	5	5							5
Legislative	0	0	0	0	0	0	0							0
Finance	22	21	21	21	20	20	19							21
Human Resources	5	5	5	5	5	5	4							5
Information Technology	11	11	11	11	11	11	10							11
Corporation Counsel	8	8	8	8	8	8	8							8
Economic & Community Dev	21	18	18	18	18	18	18							19
Public Safety	281	273	271	275	275	272	268							287
Public Works	117	108	108	107	107	106	106							108
Total Full Time	470	449	447	450	449	445	438	0	0	0	0	0	0	464
Part Time Staffing														
Executive														0
Legislative	7	7	7	7	7	7	7							7
Finance														0
Human Resources														0
Information Technology														0
Management Services														0
Corporation Counsel														0
Planning & Building Services														0
Neighborhood Services														0
Public Safety		2	2	2	2	2	2							2
Public Works														0
PW Water Management		1	1			2	10							0
Total Temporary	7	10	10	9	9	11	19	0	0	0	0	0	0	9
Total City Staff Headcount	477	459	457	459	458	456	457	0	0	0	0	0	0	473

Note: Above report includes all City Staff, Full Time and Temporary W-2 EE's

City of Decatur
Treasurer's Financial Report
Headcount Staffing Level

Period Ending: June, 2018

	2018 Budget	Current Year Staffing Levels												Prior Yr End
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Full Time Staff														
Executive	4	4	4	4	4	4	4							4
City Clerk	1	1	1	1	1	1	1							1
Total	5	5	5	5	5	5	5	0	0	0	0	0	0	5
Legislative	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Financial Management														
Finance	13	12	12	12	12	11	11							12
Purchasing	2	2	2	2	2	2	2							2
Risk Management														
Water Customer Service	7	7	7	7	6	7	6							7
Total	22	21	21	21	20	20	19	0	0	0	0	0	0	21
Human Resources	5	5	5	5	5	5	4							5
Information Technology	11	11	11	11	11	11	10							11
Corporation Legal Counsel	8	8	8	8	8	8	8							8
Economic & Community Devel														
Planning & Development	6	4	4	4	4	4	4							5
Building Inspections	6	5	5	5	5	5	5							5
Neighborhood Inspection	5	5	5	5	5	5	5							5
Neighborhood Services	3	3	3	3	3	3	3							3
Mass Transit	1	1	1	1	1	1	1							1
Total	21	18	18	18	18	18	18	0	0	0	0	0	0	19
Public Safety														
Fire	111	109	109	112	112	111	110							109
Police	170	164	162	163	163	161	158							155
Police Communications														23
Total	281	273	271	275	275	272	268	0	0	0	0	0	0	287
Public Works														
PW Administration	2	2	2	2	2	2	2							2
PW Engineering	12	9	9	8	8	9	9							9
PW Municipal Services	50	48	47	47	46	45	45							48
Fleet Maintenance	8	8	8	8	8	8	8							8
Water Production (Admin)	3	3	3	3	3	3	3							3
Water Production	15	13	13	13	13	13	13							13
Water Services	23	23	22	22	23	22	22							21
Water Production (Lake)	4	4	4	4	4	4	4							4
Total	117	110	108	107	107	106	106	0	0	0	0	0	0	108
Total City Staffing	470	451	447	450	449	445	438	0	0	0	0	0	0	464

Note: Above report includes all Full Time W-2 EE's

City of Decatur
Treasurer's Financial Report
Headcount Staffing Level

Period Ending: June, 2018

2018 Budget	Current Year Staffing Levels												Prior Yr End
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Part Time / Temporary Staff													
Executive													
City Clerk													
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Legislative	7	7	7	7	7	7	7						7
Financial Management													
Finance													
Purchasing													
Risk Management													
Water Customer Service													
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Information Technology													0
Human Resources													
Management Services													
Mass Transit													
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Corporation Legal Counsel													0
Planning & Building Service													
Planning & Sustainability													
Building Inspections													
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Neighborhood Services													
Outreach													
Inspection													
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Safety													
Fire													
Police		2	2	2	2	2	2						2
Police Communications													
Total	0	2	2	2	2	2	2	0	0	0	0	0	2
Public Works													
Administration													
Engineering													
Municipal Services													
Water Administration													
Water Production		1	1			2	10						
Water Services													
Total	0	1	1	0	0	2	10	0	0	0	0	0	0
Total City Staffing	7	10	10	9	9	11	19	0	0	0	0	0	9

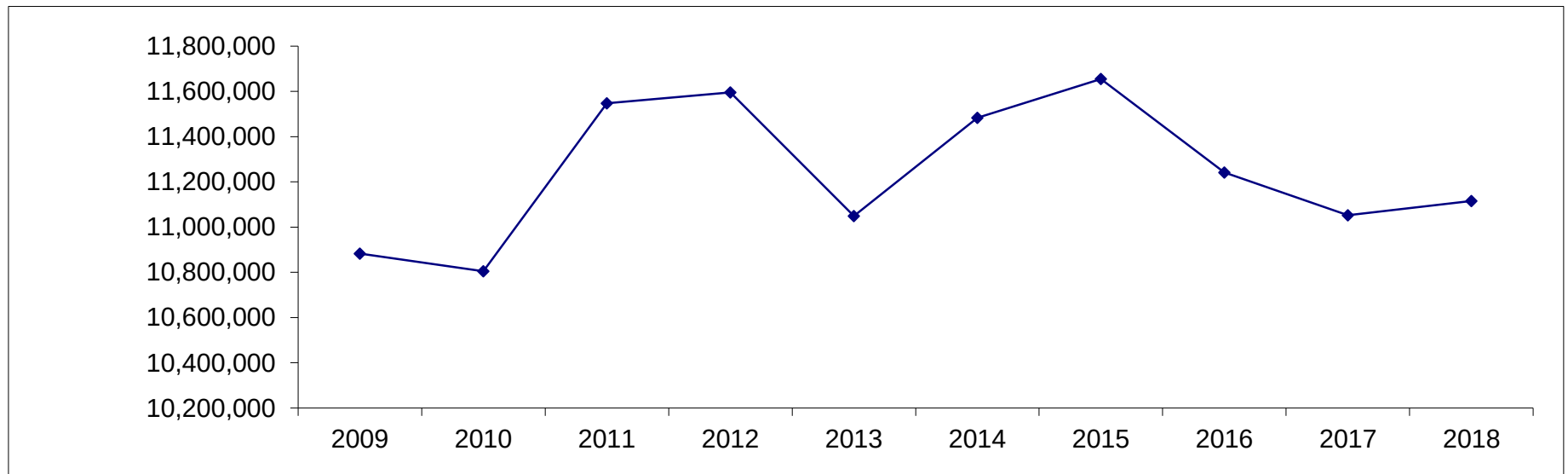
Note: Above report includes all Temporary W-2 EE's

Projected Revenues

STATE SALES TAX

MONTH	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual		
JANUARY	997,996	832,060	916,053	939,211	918,325	938,684	963,009	946,811	902,833	882,653	A
FEBRUARY	915,498	882,512	1,104,610	935,641	880,247	914,587	941,678	904,631	899,838	917,921	A
MARCH	1,065,522	1,042,881	1,140,844	1,158,700	1,076,758	1,106,071	1,120,789	1,119,498	1,107,270	1,088,364	A
APRIL	857,110	771,162	844,138	871,624	856,724	825,291	857,417	824,458	789,769	840,607	A
MAY	778,543	845,828	851,665	986,897	884,323	868,465	877,404	867,538	837,972	819,180	A
JUNE	905,163	902,403	941,869	1,021,804	954,864	974,156	978,888	940,736	957,693	978,292	A
JULY	930,576	878,430	966,695	918,786	922,915	935,127	944,686	887,325	906,452	911,671	P
AUGUST	913,335	932,682	942,384	991,930	796,714	1,028,409	992,900	943,818	935,012	940,395	P
SEPTEMBER	902,510	956,479	976,252	951,845	948,422	979,712	1,006,626	994,684	953,644	959,135	P
OCTOBER	875,180	911,376	942,225	911,934	925,873	981,740	991,641	933,239	891,372	896,504	P
NOVEMBER	880,784	958,698	955,438	1,001,513	964,174	961,614	1,003,087	962,595	934,414	939,794	P
DECEMBER	860,148	890,326	965,215	906,055	919,141	969,684	976,633	916,175	935,863	941,252	P

TOTALS	10,882,364	10,804,838	11,547,387	11,595,938	11,048,482	11,483,540	11,654,760	11,241,506	11,052,132	11,115,768
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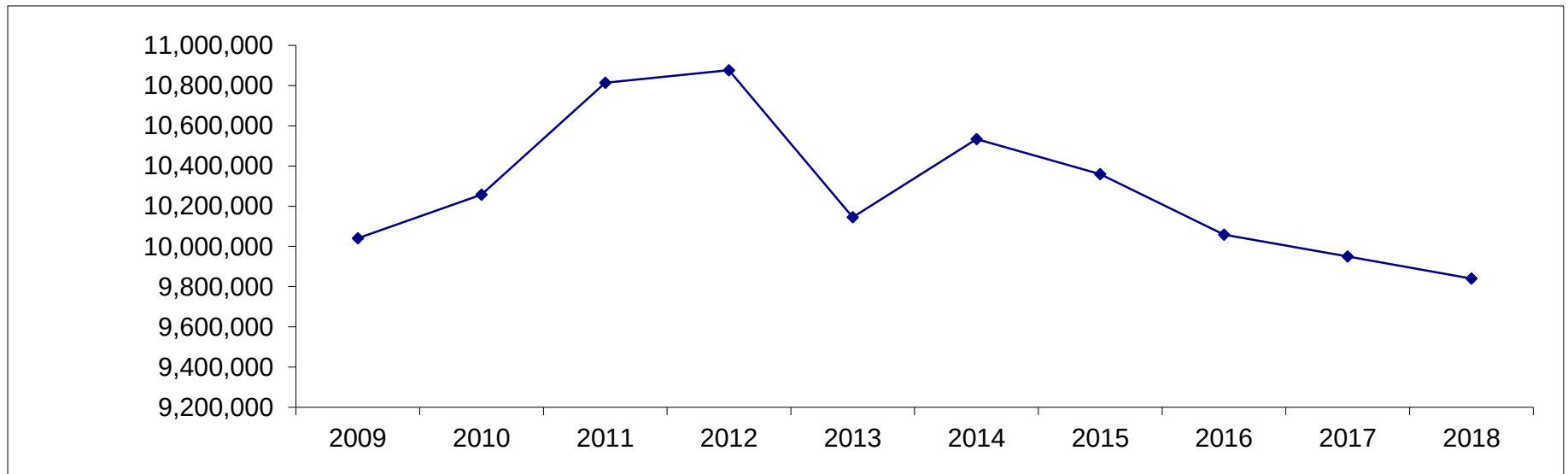


Funds split in General, Southeast TIF, Eastgate TIF, Pines TIF and Grand/Oakland TIF funds

Projected Revenues

LOCAL SALES TAX

MONTH	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual		
JANUARY	908,470	805,816	841,530	914,456	861,196	887,481	889,089	848,993	818,066	807,770	A
FEBRUARY	854,383	857,826	880,959	911,162	880,506	862,759	863,243	833,995	838,995	837,288	A
MARCH	999,242	1,020,668	1,105,939	1,088,443	1,012,286	1,022,997	1,000,115	1,036,321	995,383	959,353	A
APRIL	760,928	701,269	767,991	758,516	773,089	739,227	739,805	703,472	702,734	712,309	A
MAY	734,057	757,147	761,238	929,937	775,938	779,506	764,685	744,767	729,878	716,975	A
JUNE	807,427	847,234	863,436	942,726	853,033	865,335	832,374	840,488	855,602	852,317	A
JULY	773,331	859,117	925,802	864,230	846,702	864,489	833,551	791,839	814,658	805,648	P
AUGUST	847,643	868,171	959,067	927,747	619,512	957,423	906,467	867,107	877,154	867,453	P
SEPTEMBER	859,902	875,938	950,587	899,635	901,318	916,077	911,765	904,129	852,928	843,494	P
OCTOBER	825,361	871,193	898,365	838,868	860,182	882,079	875,986	822,711	779,788	771,164	P
NOVEMBER	845,374	930,915	916,686	902,358	897,029	884,609	882,605	854,078	835,747	826,503	P
DECEMBER	824,507	862,884	942,430	898,532	864,499	872,277	860,119	810,233	849,336	839,942	P
TOTALS	10,040,626	10,258,179	10,814,030	10,876,609	10,145,292	10,534,258	10,359,805	10,058,133	9,950,270	9,840,215	

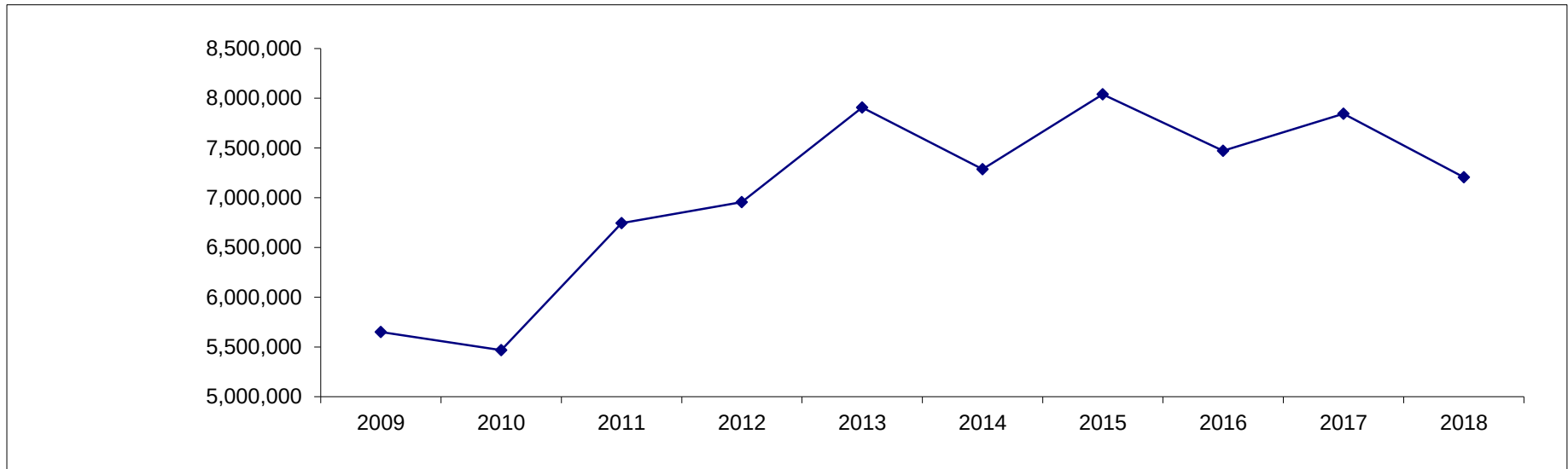


Funds split in General, Southeast TIF, Eastgate TIF and Pines TIF funds

State reduced allocation for 2% administrative fee beginning with September 2017 distribution

STATE INCOME TAX

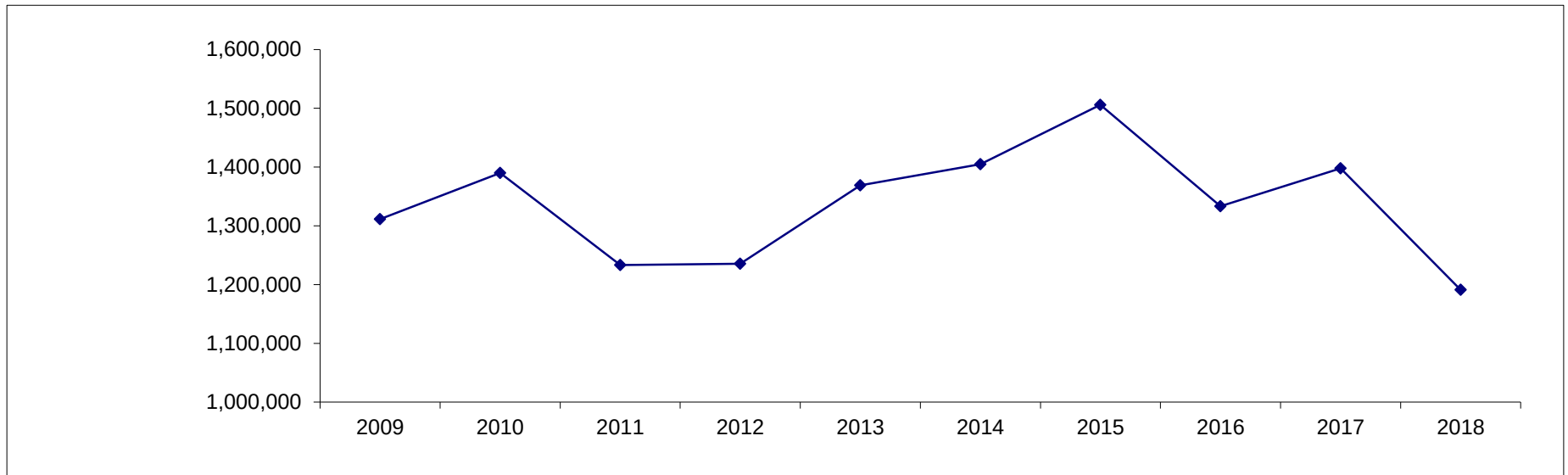
MONTH	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual		
JANUARY	357,826	580,540	805,061	761,050	632,905	850,845	852,700	912,628	851,716	578,461	A
FEBRUARY	604,246	0	1,038,247	0	478,227	0	0	0	0	837,319	A
MARCH	759,747	437,402	493,074	619,124	394,663	699,395	620,094	751,474	1,411,585	420,941	A
APRIL	0	343,824	562,140	394,295	1,333,938	742,236	925,184	822,346	0	646,373	A
MAY	411,757	0	0	1,187,505	404,944	423,934	403,609	476,082	396,235	1,044,019	A
JUNE	1,632,706	604,370	694,679	424,269	703,157	741,339	824,784	1,774,951	764,129	482,298	A
JULY	532,359	1,036,869	942,538	658,753	1,298,806	1,150,541	1,364,531	0	1,547,903	473,580	P
AUGUST	0	618,324	761,549	956,491	441,258	428,542	566,667	496,310	698,009	626,489	P
SEPTEMBER	579,623	1,240,367	454,403	502,880	675,812	709,251	1,263,519	1,120,799	727,037	652,542	P
OCTOBER	394,557	0	0	645,769	419,882	818,347	0	0	599,068	597,428	P
NOVEMBER	0	0	588,653	405,227	409,627	0	441,918	450,551	450,852	449,618	P
DECEMBER	376,737	606,245	404,975	401,952	714,661	721,926	776,691	665,793	396,923	395,837	P
TOTALS	5,649,558	5,467,941	6,745,318	6,957,316	7,907,881	7,286,357	8,039,696	7,470,934	7,843,458	7,204,904	



State to catch up two month delay of distributions July & August 2017. State's 10% reduction to begin with August distribution.

PERSONAL PROPERTY REPLACEMENT TAX

MONTH	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual		
JANUARY	151,918	162,537	134,079	180,082	185,383	233,315	202,878	195,051	217,463	143,616	A
FEBRUARY	15,410	1,947	7,154	1,565	1,605	2,024	717	0	0	0	A
MARCH	63,426	68,150	78,877	61,281	62,898	80,778	70,137	83,788	147,880	132,622	A
APRIL	270,042	232,641	262,367	276,320	303,821	309,261	364,335	271,921	352,780	260,085	A
MAY	261,949	163,009	188,640	187,031	265,561	227,806	293,618	219,695	227,189	269,213	A
JUNE	5,564	0	3,923	5,417	937	0	2,501	12,343	0	0	A
JULY	212,605	165,572	176,542	238,582	260,211	229,514	238,695	239,680	239,384	203,988	P
AUGUST	22,481	21,743	43,808	28,828	29,295	24,688	32,169	27,902	10,712	9,128	P
SEPTEMBER	8,501	486	381	3,931	0	6,877	2,356	4,554	0	0	P
OCTOBER	241,537	316,230	292,298	181,562	188,719	227,489	239,950	218,004	160,071	136,403	P
NOVEMBER	2,101	2,750	2,542	1,579	0	0	0	1,876	0	0	P
DECEMBER	55,929	255,086	42,441	69,220	70,395	63,058	58,604	58,514	42,179	35,942	P
TOTALS	1,311,462	1,390,151	1,233,053	1,235,400	1,368,825	1,404,809	1,505,959	1,333,328	1,397,658	1,190,998	

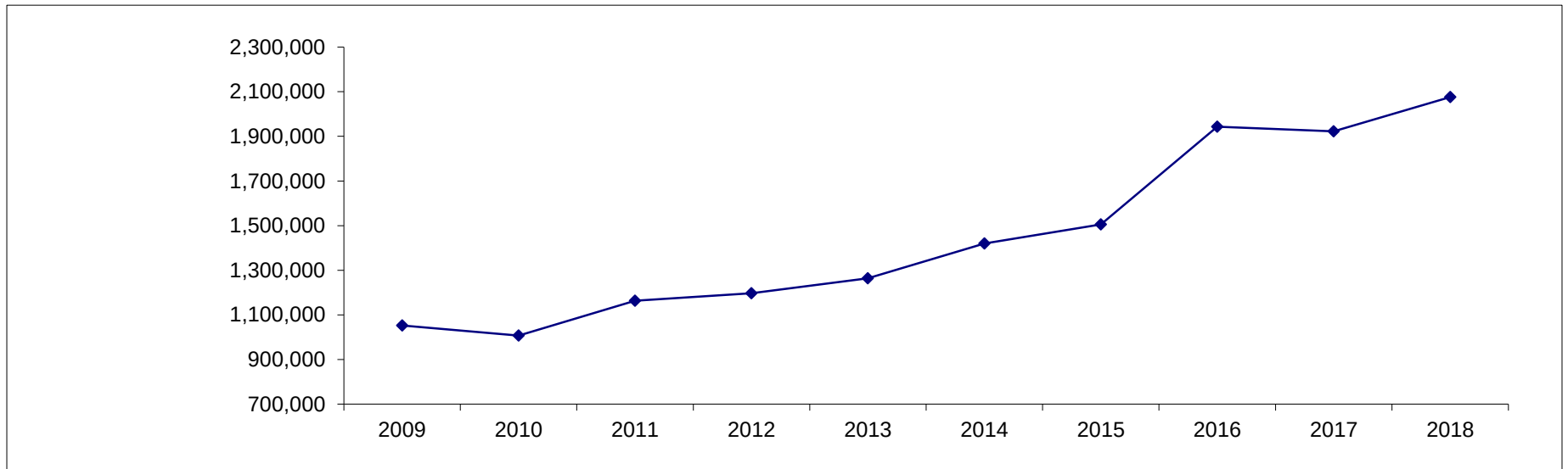


Funds split in General and Library funds

Projected Revenues

LOCAL USE TAX

MONTH	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual		
JANUARY	99,612	74,655	118,641	89,854	98,119	115,740	136,569	295,435	159,854	166,257	A
FEBRUARY	89,127	66,683	92,228	90,475	103,364	108,961	129,837	146,086	155,199	192,590	A
MARCH	128,211	114,627	145,191	138,269	147,635	171,437	196,801	208,903	241,170	243,593	A
APRIL	81,612	68,212	88,796	88,358	102,769	90,904	69,628	128,350	139,319	145,000	A
MAY	72,972	54,250	95,460	98,119	76,976	89,241	135,902	130,832	131,114	149,116	A
JUNE	87,555	108,264	98,268	103,364	96,618	117,824	143,287	153,738	170,503	180,080	A
JULY	89,396	82,393	91,809	91,336	106,037	108,621	140,649	149,743	146,418	158,088	P
AUGUST	75,613	78,102	89,450	102,769	93,637	115,406	133,971	145,710	147,521	159,279	P
SEPTEMBER	100,537	100,770	98,836	86,379	124,363	128,816	0	164,340	156,033	168,469	P
OCTOBER	79,881	83,770	79,105	106,791	106,986	109,843	0	130,791	149,381	161,287	P
NOVEMBER	71,356	81,167	94,213	98,487	99,965	118,956	0	142,584	158,864	171,526	P
DECEMBER	77,019	94,304	71,453	102,979	107,849	144,341	419,237	146,571	167,420	180,764	P
TOTALS	1,052,890	1,007,197	1,163,451	1,197,180	1,264,318	1,420,091	1,505,880	1,943,083	1,922,796	2,076,049	



2015 Delays in Distribution of State Use Tax due to State budget.

Projected Revenues

STATE INCOME TAX

MONTH	2016 Actual	2017 Actual	2018
JANUARY	751,473.50	654,552.90	578,461.18 A
FEBRUARY	822,346.25	757,032.36	837,287.79 A
MARCH	476,082.04	396,235.32	420,940.73 A
APRIL	736,651.57	764,129.23	646,372.81 A
MAY	1,038,299.42	1,020,258.57	1,044,018.62 A
JUNE	496,310.15	527,644.66	482,298.07 A
JULY	708,317.33	698,009.45	473,580.00 P
AUGUST	412,481.48	333,576.35	626,489.00 P
SEPTEMBER	450,551.29	393,460.74	652,542.00 P
OCTOBER	665,793.44	599,067.78	597,428.00 P
NOVEMBER	446,866.27	450,851.53	449,618.00 P
DECEMBER	404,849.45	396,923.43	395,837.00 P

TOTALS **7,986,035.17** **6,991,742.32** **7,204,873.20**

*Listed by month reported -
receipts delayed by State
until September 2017*

Current Budget **6,783,000.00**

Projected Amt Over (Under) **421,873.20**

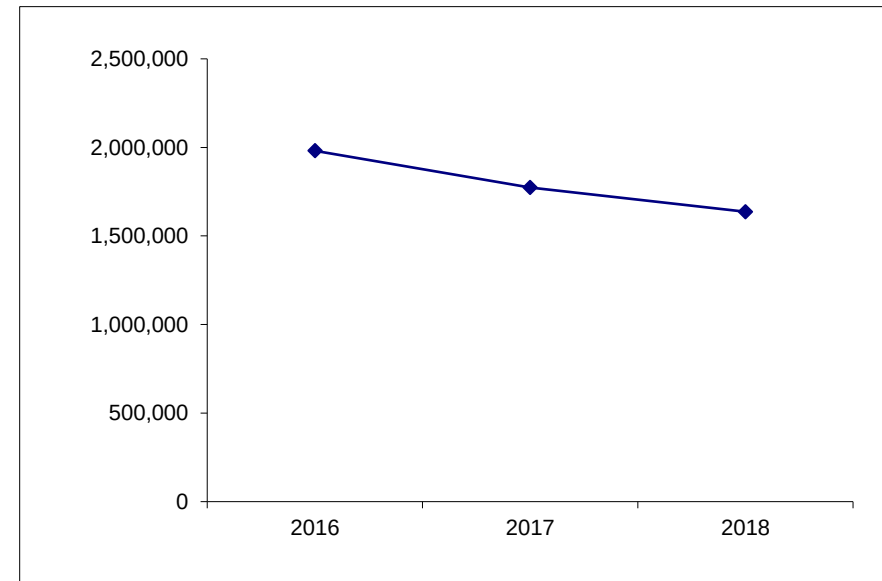
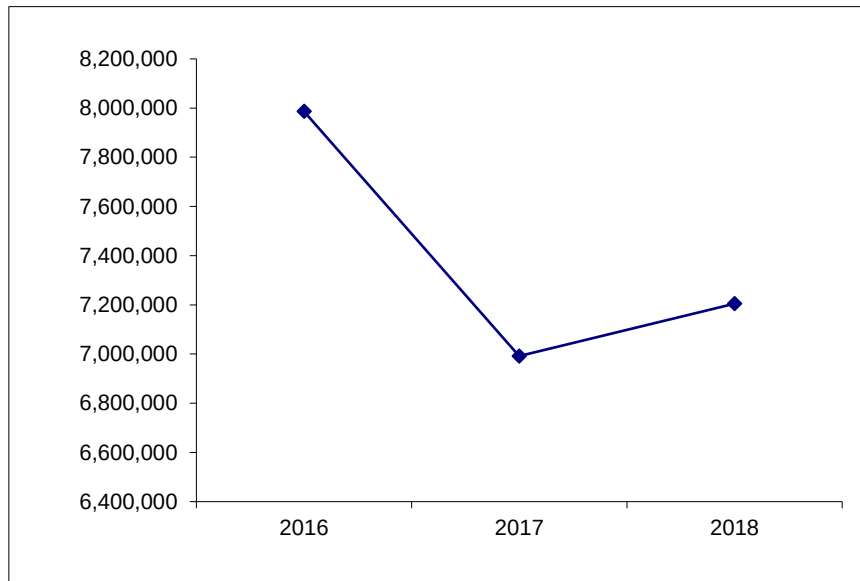
TELEPHONE COMMUNICATIONS TAX

MONTH	2016 Actual	2017 Actual	2018
JANUARY	166,327.99	152,347.43	141,050.48 A
FEBRUARY	157,953.06	150,099.96	141,599.21 A
MARCH	224,336.11	155,813.31	142,413.54 A
APRIL	164,577.86	152,634.48	138,930.51 A
MAY	152,247.44	149,012.50	137,565.64 A
JUNE	164,137.18	153,283.36	140,820.63 A
JULY	160,723.62	141,981.10	130,971.54 P
AUGUST	163,427.72	148,671.63	137,143.27 P
SEPTEMBER	157,097.74	143,735.14	132,589.57 P
OCTOBER	154,223.34	144,825.61	133,595.48 P
NOVEMBER	159,870.41	142,399.25	131,357.27 P
DECEMBER	155,990.27	139,640.75	128,812.67 P

TOTALS **1,980,912.74** **1,774,444.52** **1,636,849.82**

Current Budget **1,674,000.00**

Projected Amt Over (Under) **-37,150.18**

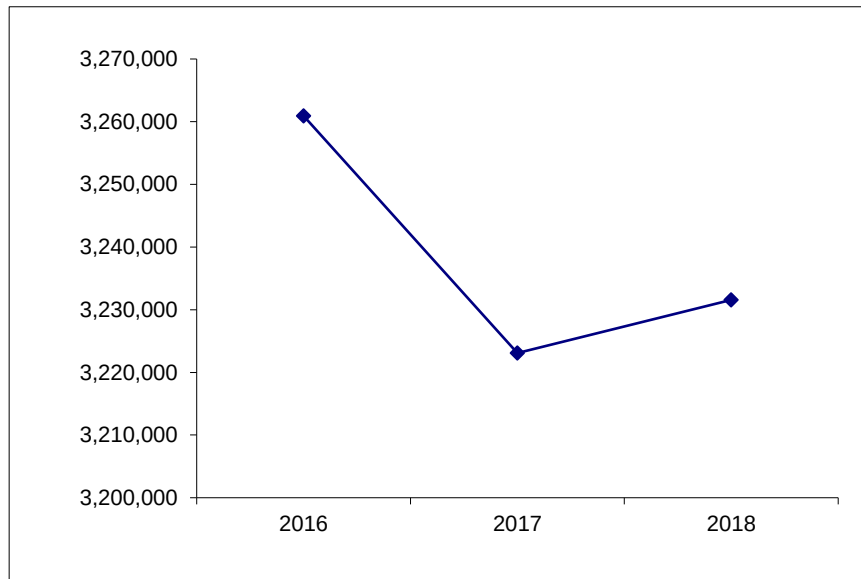


Projected Revenues

FOOD & BEVERAGE TAX

MONTH	2016 Actual	2017 Actual	2018
JANUARY	260,904.87	286,400.20	286,060.40 A
FEBRUARY	256,344.05	250,160.28	240,877.75 A
MARCH	278,660.81	243,551.14	238,794.28 A
APRIL	268,791.34	275,567.55	293,459.52 A
MAY	282,460.72	268,821.52	267,164.91 A
JUNE	281,884.42	286,842.30	289,225.82 A
JULY	274,899.41	279,817.29	280,553.53 P
AUGUST	308,995.40	271,403.37	272,117.47 P
SEPTEMBER	277,532.23	281,947.48	282,689.33 P
OCTOBER	255,644.86	266,573.93	267,275.33 P
NOVEMBER	272,128.23	261,202.21	261,889.47 P
DECEMBER	242,671.74	250,794.75	251,454.63 P

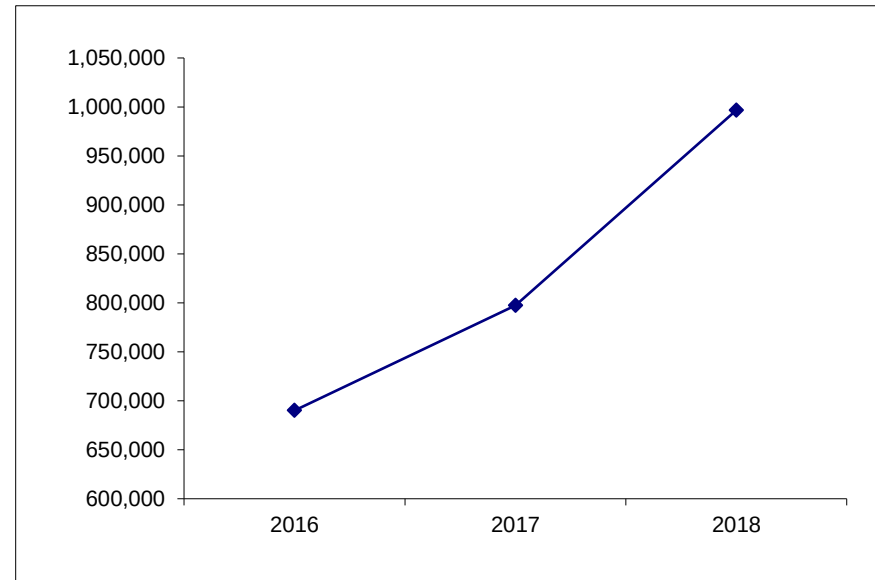
TOTALS	3,260,918.08	3,223,082.02	3,231,562.44
		Current Budget	3,264,500.00
		Projected Amt Over (Under)	-32,937.56



HOTEL & MOTEL TAX

MONTH	2016 Actual	2017 Actual	2018
JANUARY	17,953.91	35,251.30	43,682.49 A
FEBRUARY	36,767.95	36,364.73	52,237.60 A
MARCH	62,867.42	51,466.99	58,641.79 A
APRIL	52,010.94	54,146.46	73,099.04 A
MAY	67,896.68	58,327.36	85,446.49 A
JUNE	76,520.68	84,744.05	87,171.79 A
JULY	63,123.45	72,804.56	90,983.67 P
AUGUST	63,000.60	76,860.26	96,052.07 P
SEPTEMBER	71,295.56	121,765.56	152,170.11 P
OCTOBER	53,394.23	74,289.53	92,839.43 P
NOVEMBER	77,894.15	71,406.04	89,235.94 P
DECEMBER	47,351.22	60,072.92	75,072.97 P

TOTALS	690,076.79	797,499.76	996,633.40
		Current Budget	848,000.00
		Projected Amt Over (Under)	148,633.40

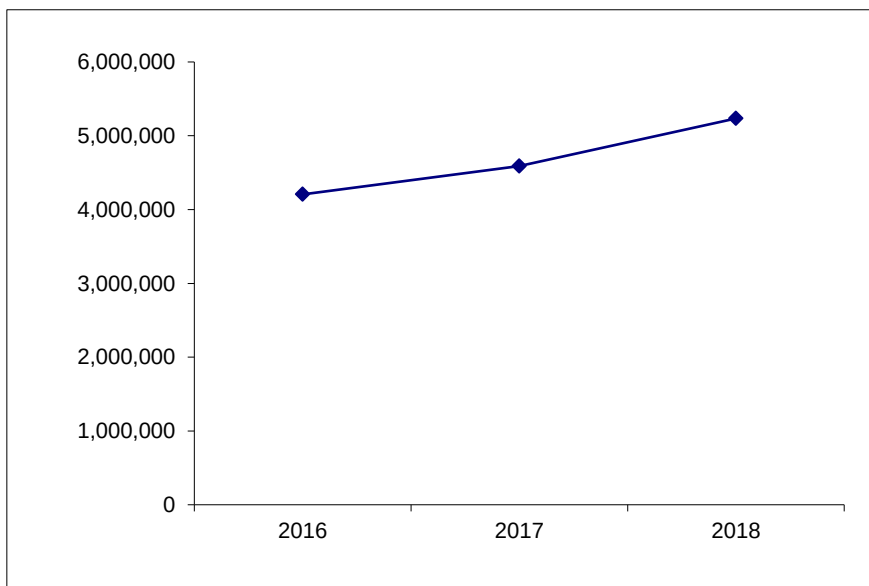


Projected Revenues

UTILITY TAX-ELECTRIC & GAS

MONTH	2016 Actual	2017 Actual	2018
JANUARY	177,332.31	421,857.00	448,826.92
FEBRUARY	138,838.35	505,824.62	526,653.98
MARCH	326,307.14	425,726.95	480,198.77
APRIL	432,106.74	339,034.62	439,274.73
MAY	393,245.95	361,636.72	447,828.03
JUNE	363,225.99	327,273.91	374,471.63
JULY	377,171.71	358,194.35	408,719.21
AUGUST	416,494.97	373,740.81	426,458.57
SEPTEMBER	443,504.00	369,262.32	421,348.36
OCTOBER	401,586.01	353,897.31	403,816.05
NOVEMBER	370,202.76	341,024.62	389,127.62
DECEMBER	365,731.26	409,860.82	467,673.46

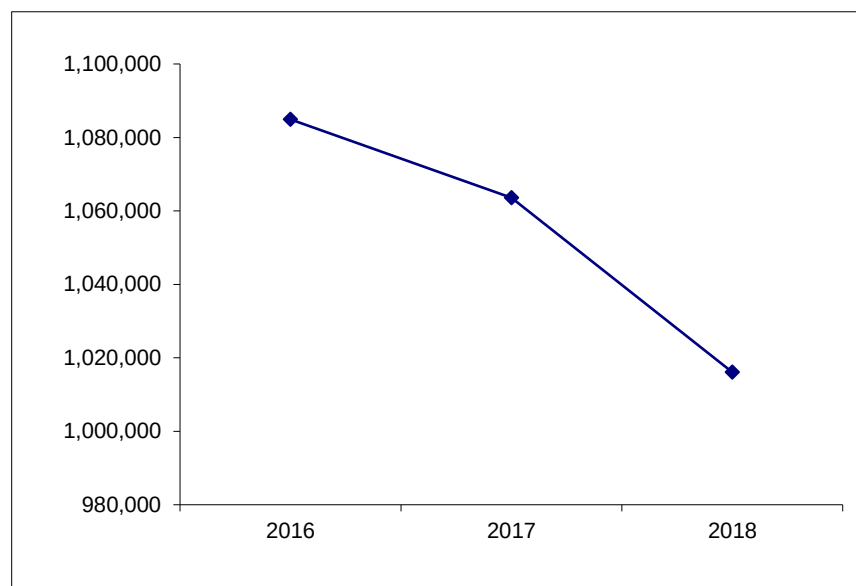
TOTALS	4,205,747.19	4,587,334.05	5,234,397.33
		Current Budget	4,702,000.00
		Projected Amt Over (Under)	532,397.33



CABLE TV TAX

MONTH	2016 Actual	2017 Actual	2018
JANUARY	233,850.66	263,629.01	0.00
FEBRUARY	34,945.40	0.00	255,933.94
MARCH	0.00	0.00	0.00
APRIL	244,326.70	244,146.92	21,185.00
MAY	31,932.20	24,893.20	231,760.00
JUNE	0.00	0.00	0.00
JULY	276,652.47	243,165.76	232,305.44
AUGUST	0.00	23,369.45	22,325.72
SEPTEMBER	0.00	0.00	0.00
OCTOBER	235,924.64	23,416.70	22,370.86
NOVEMBER	27,280.50	240,991.54	230,228.32
DECEMBER	0.00	0.00	0.00

TOTALS	1,084,912.57	1,063,612.58	1,016,109.27
		Current Budget	1,055,000.00
		Projected Amt Over (Under)	-38,890.73

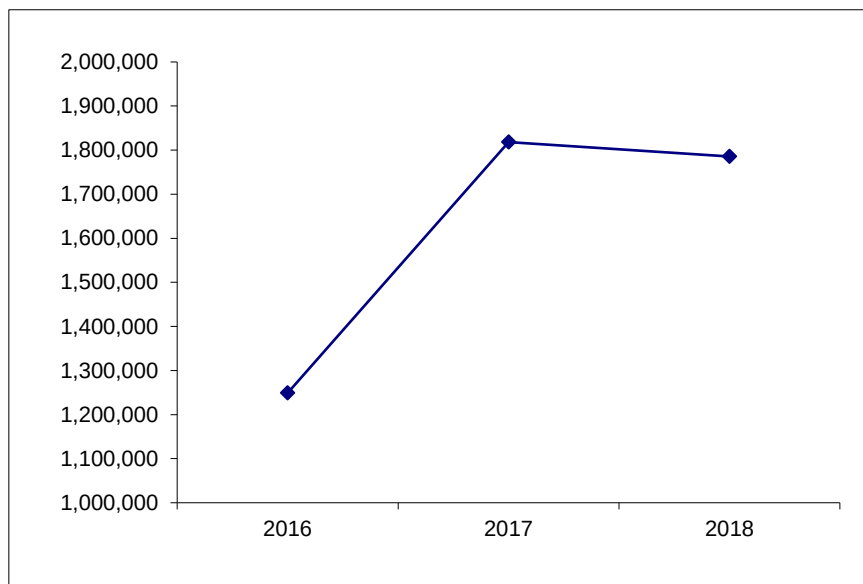


Projected Revenues

10 - LOCAL MOTOR FUEL TAX

MONTH	2016 Actual	2017 Actual	2018
JANUARY		150,936.34	149,553.75
FEBRUARY		146,142.38	137,640.35
MARCH		135,305.95	136,597.89
APRIL	1,614.25	151,248.96	150,285.42
MAY	151,145.91	129,212.75	148,104.17
JUNE	160,746.35	179,659.76	154,254.29
JULY	158,656.90	164,090.47	161,135.89
AUGUST	160,752.15	151,522.30	148,794.02
SEPTEMBER	157,584.48	154,447.56	151,666.61
OCTOBER	153,815.97	158,731.65	155,873.56
NOVEMBER	153,044.86	150,265.36	147,559.72
DECEMBER	151,672.99	146,671.67	144,030.73

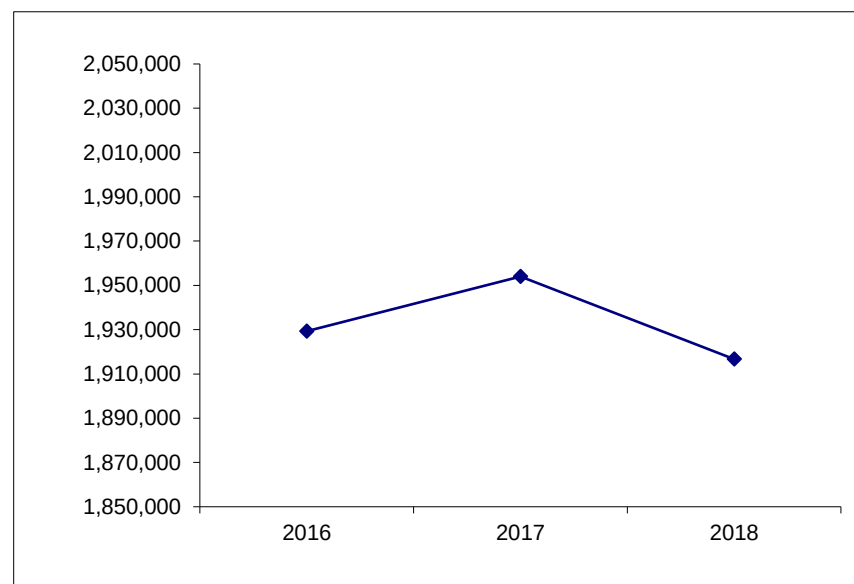
TOTALS	1,249,033.86	1,818,235.15	1,785,496.41
		Current Budget	1,800,000.00
		Projected Amt Over (Under)	-14,503.59



46 - STATE MOTOR FUEL TAX

MONTH	2016 Actual	2017 Actual	2018
JANUARY	171,799.19	180,582.18	168,202.81
FEBRUARY	165,935.95	171,662.87	172,208.28
MARCH	167,234.60	163,670.32	149,193.94
APRIL	143,829.22	139,550.39	147,896.35
MAY	173,239.43	166,666.87	174,263.56
JUNE	172,052.50	168,983.84	160,430.31
JULY	108,502.29	134,194.40	131,632.52
AUGUST	174,156.78	175,956.02	172,596.88
SEPTEMBER	165,391.62	166,198.96	163,026.09
OCTOBER	145,992.31	146,908.04	144,103.45
NOVEMBER	169,003.77	168,198.50	164,987.45
DECEMBER	172,193.80	171,419.34	168,146.81

TOTALS	1,929,331.46	1,953,991.73	1,916,688.44
		Current Budget	2,024,000.00
		Projected Amt Over (Under)	-107,311.56



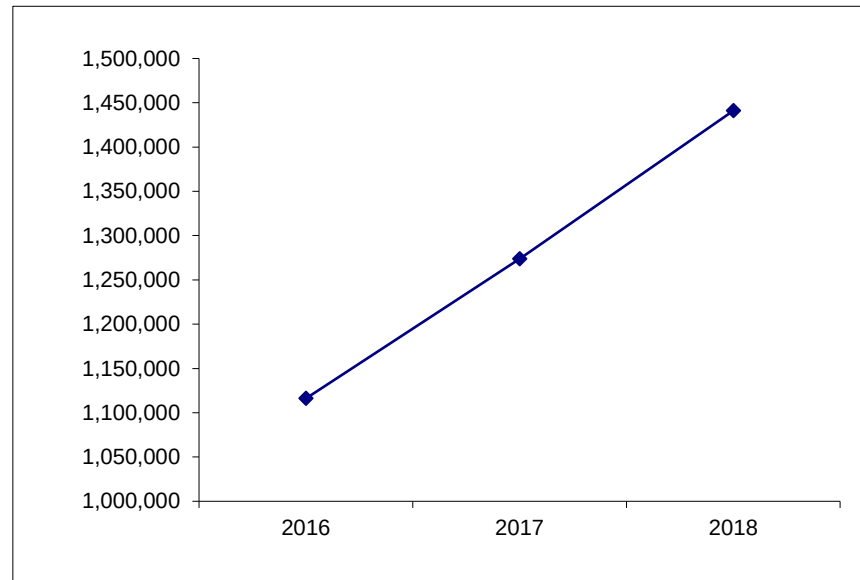
2015 & 2016 Delays in Distribution of MFT Tax due to State budget.

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Projected Revenues

VIDEO GAMING TAX

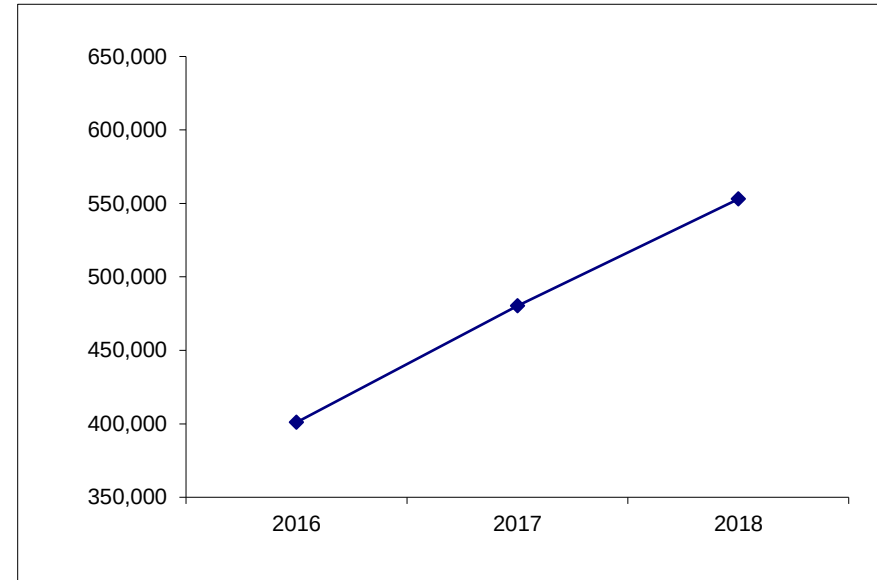
MONTH	2016	2017	2018
	Actual	Actual	
JANUARY	80,288.26	94,954.28	110,674.81 A
FEBRUARY	85,507.02	100,623.42	112,057.54 A
MARCH	84,607.67	99,845.65	106,182.77 A
APRIL	97,888.83	105,585.44	123,418.04 A
MAY	107,431.04	126,789.50	146,340.22 A
JUNE	0.00	110,489.13	123,295.17 A
JULY	196,669.31	107,626.31	121,736.40 P
AUGUST	88,019.04	101,091.12	114,344.43 P
SEPTEMBER	93,234.26	100,252.19	113,395.51 P
OCTOBER	92,743.01	108,743.85	123,000.45 P
NOVEMBER	96,076.34	108,003.48	122,163.02 P
DECEMBER	93,615.92	109,939.69	124,353.07 P
TOTALS	1,116,080.70	1,273,944.06	1,440,961.42
		Current Budget	1,330,000.00
		Projected Amt Over (Under)	110,961.42



2015 & 2016 Delays in Distribution of Video Gaming Tax due to State budget.

MFT REIMB - TRAFFIC SIGNALS

MONTH	2016	2017	2018
	Actual	Actual	
JANUARY	28,662.21	30,227.10	44,276.36 A
FEBRUARY	36,330.32	30,285.05	30,587.44 A
MARCH	40,075.18	37,579.08	57,817.61 A
APRIL	16,540.16	35,516.45	31,169.52 A
MAY	31,234.49	34,648.66	40,715.78 A
JUNE	21,971.54	45,755.99	41,823.91 A
JULY	26,492.23	33,394.19	38,446.45 P
AUGUST	42,494.93	33,754.21	38,860.94 P
SEPTEMBER	54,329.58	32,655.06	37,595.50 P
OCTOBER	35,609.03	37,581.07	43,266.77 P
NOVEMBER	31,096.61	81,824.06	94,203.36 P
DECEMBER	36,139.63	47,035.87	54,152.01 P
TOTALS	400,975.91	480,256.79	552,915.66
		Current Budget	430,000.00
		Projected Amt Over (Under)	122,915.66

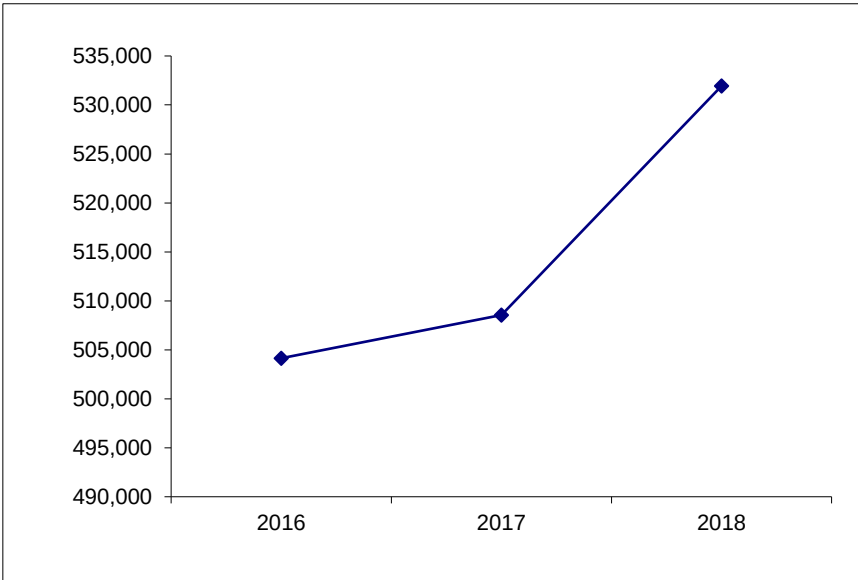


Projected Revenues

LIQUOR LICENSES

MONTH	2016 Actual	2017 Actual	2018
JANUARY	-7,143.60	1,075.91	3,557.82
FEBRUARY	2,706.48	970.89	1,242.18
MARCH	8,414.76	100.00	2,135.75
APRIL	27,217.64	29,187.48	19,600.00
MAY	217,850.92	239,985.85	248,925.00
JUNE	216,869.88	222,598.40	237,660.00
JULY	31,508.64	2,622.82	2,724.79
AUGUST	1,932.20	2,284.27	2,373.08
SEPTEMBER	1,856.80	2,117.60	2,199.93
OCTOBER	1,502.68	3,333.70	3,463.31
NOVEMBER	1,425.96	7,746.77	8,047.94
DECEMBER	0.00	-3,455.80	0.00

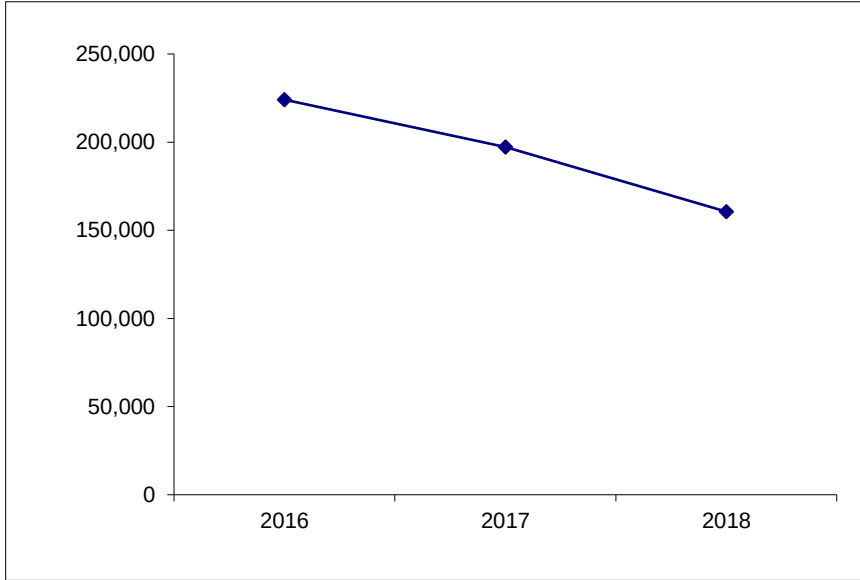
TOTALS	504,142.36	508,567.89	531,929.79
		Current Budget	504,000.00
		Projected Amt Over (Under)	27,929.79



BUILDING PERMITS

MONTH	2016 Actual	2017 Actual	2018
JANUARY	11,829.00	25,018.70	14,620.20
FEBRUARY	8,872.25	8,294.50	18,038.60
MARCH	29,611.65	17,266.45	7,954.30
APRIL	36,030.80	12,932.95	23,408.65
MAY	11,671.05	29,240.40	9,785.80
JUNE	20,001.10	16,116.75	14,818.50
JULY	12,328.40	7,629.90	6,211.16
AUGUST	16,106.25	15,033.10	12,237.78
SEPTEMBER	26,482.80	18,288.60	14,887.94
OCTOBER	21,212.90	22,135.50	18,019.53
NOVEMBER	11,377.00	19,111.40	15,557.75
DECEMBER	18,561.75	6,208.40	5,053.98

TOTALS	224,084.95	197,276.65	160,594.20
		Current Budget	211,000.00
		Projected Amt Over (Under)	-50,405.80



Projected Revenues

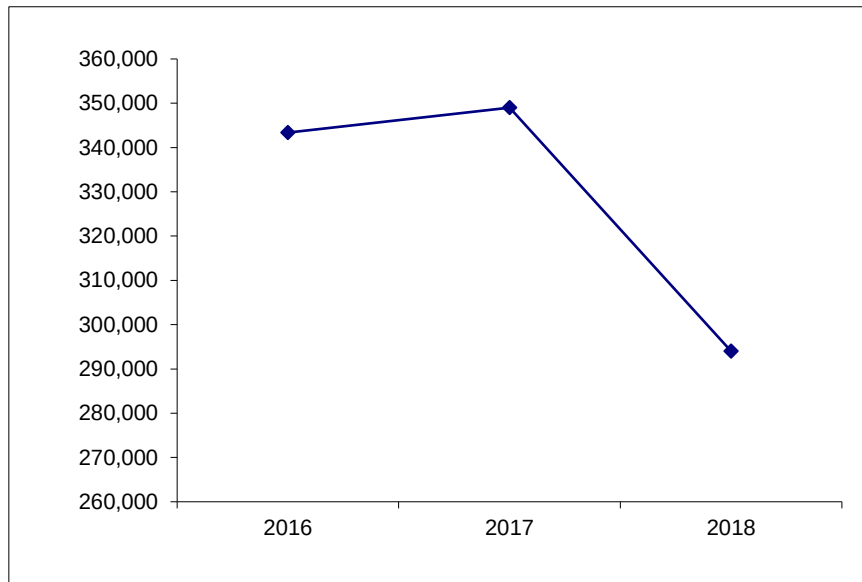
ILLEGAL USE OF VEHICLE

MONTH	2016 Actual	2017 Actual	2018
JANUARY	24,665.00	31,545.00	25,185.00 A
FEBRUARY	25,920.00	24,985.00	22,135.00 A
MARCH	34,585.00	33,705.00	29,625.00 A
APRIL	22,750.00	32,640.00	21,770.00 A
MAY	30,020.00	32,010.00	30,500.00 A
JUNE	40,785.00	26,635.00	23,700.00 A
JULY	28,785.00	26,620.00	22,425.06 P
AUGUST	29,705.00	33,800.00	28,473.60 P
SEPTEMBER	31,635.00	27,970.00	23,562.32 P
OCTOBER	25,145.00	29,250.00	24,640.61 P
NOVEMBER	28,320.00	29,285.00	24,670.10 P
DECEMBER	21,025.00	20,560.00	17,320.03 P

TOTALS **343,340.00** **349,005.00** **294,006.72**

Current Budget **357,000.00**

Projected Amt Over (Under) **-62,993.28**



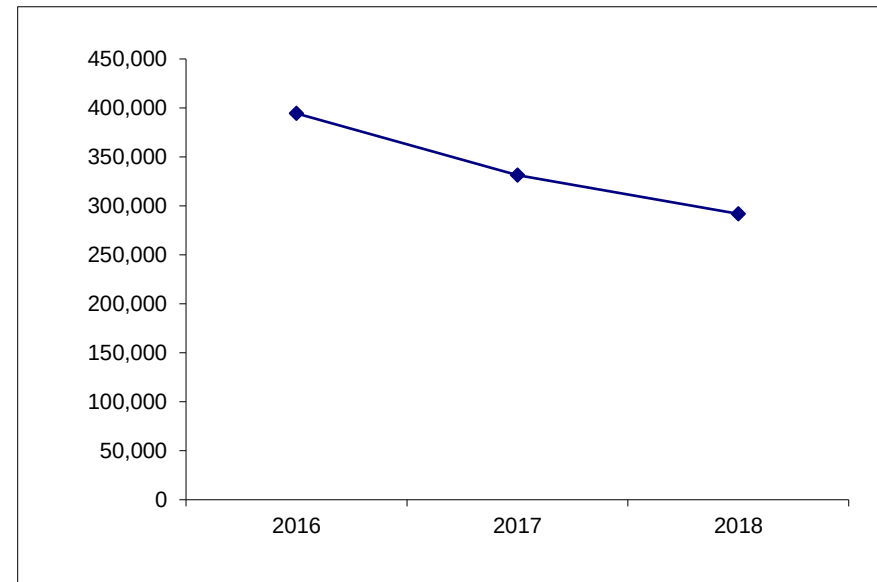
PARKING

MONTH	2016 Actual	2017 Actual	2018
JANUARY	30,524.27	34,895.44	25,619.67 A
FEBRUARY	33,576.55	25,606.25	23,129.88 A
MARCH	37,342.35	30,864.70	26,877.78 A
APRIL	33,001.83	27,249.73	23,927.45 A
MAY	35,234.71	28,420.56	25,863.39 A
JUNE	32,943.24	25,376.53	26,511.27 A
JULY	26,514.04	18,039.29	15,896.11 P
AUGUST	27,863.92	50,159.05	44,199.84 P
SEPTEMBER	25,590.25	19,306.30	17,012.59 P
OCTOBER	26,590.53	25,869.73	22,796.24 P
NOVEMBER	32,077.99	21,431.35	18,885.17 P
DECEMBER	53,169.28	24,039.14	21,183.14 P

TOTALS **394,428.96** **331,258.07** **291,902.54**

Current Budget **340,000.00**

Projected Amt Over (Under) **-48,097.46**

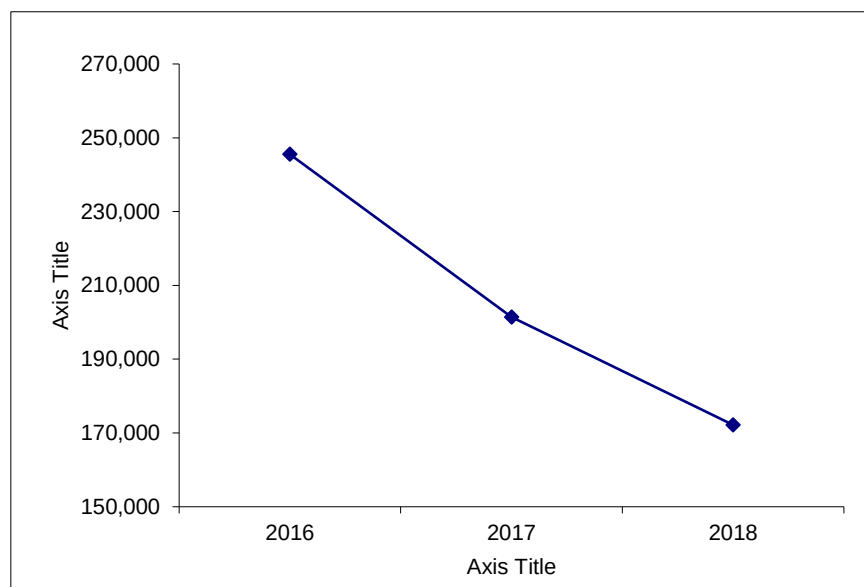


Projected Revenues

COURT FINES

MONTH	2016 Actual	2017 Actual	2018
JANUARY	19,608.71	10,760.71	10,310.57
FEBRUARY	0.00	15,484.21	16,396.46
MARCH	54,287.26	22,565.22	18,502.94
APRIL	26,764.46	27,343.14	18,375.38
MAY	18,335.34	21,521.83	14,424.37
JUNE	26,271.96	15,702.61	18,923.75
JULY	19,018.82	16,387.61	14,010.76
AUGUST	16,811.90	14,397.63	12,309.40
SEPTEMBER	16,663.69	12,749.30	10,900.15
OCTOBER	17,088.41	17,947.15	15,344.10
NOVEMBER	16,156.57	11,424.05	9,767.11
DECEMBER	14,492.59	15,111.69	12,919.90

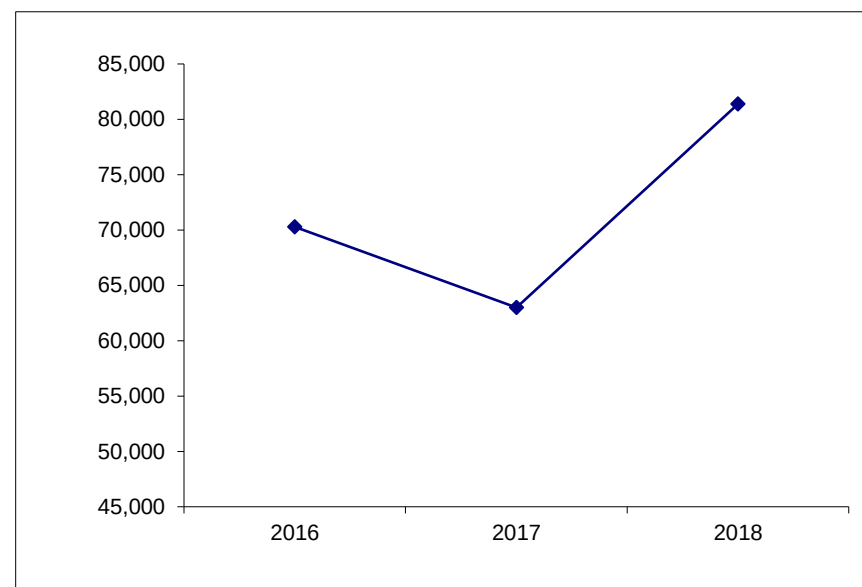
TOTALS	245,499.71	201,395.15	172,184.89
		Current Budget	195,000.00
		Projected Amt Over (Under)	-22,815.11



WEED CUTTING FEES

MONTH	2016	2017	2018
	Actual	Actual	
JANUARY	2,981.05	989.42	3,807.13
FEBRUARY	6,642.83	2,521.07	3,931.13
MARCH	3,863.69	2,818.12	2,037.54
APRIL	3,344.49	2,281.59	4,814.15
MAY	8,816.26	4,455.68	2,360.16
JUNE	10,177.67	4,438.63	5,661.41
JULY	8,316.54	11,847.73	15,304.35
AUGUST	4,806.37	5,847.73	7,553.83
SEPTEMBER	3,301.62	7,593.47	9,808.89
OCTOBER	5,246.23	9,691.65	12,519.23
NOVEMBER	8,347.54	4,602.94	5,945.87
DECEMBER	4,426.32	5,907.96	7,631.63

TOTALS	70,270.61	62,995.99	81,375.32
		Current Budget	51,000.00
		Projected Amt Over (Under)	30,375.32



Projected Revenues

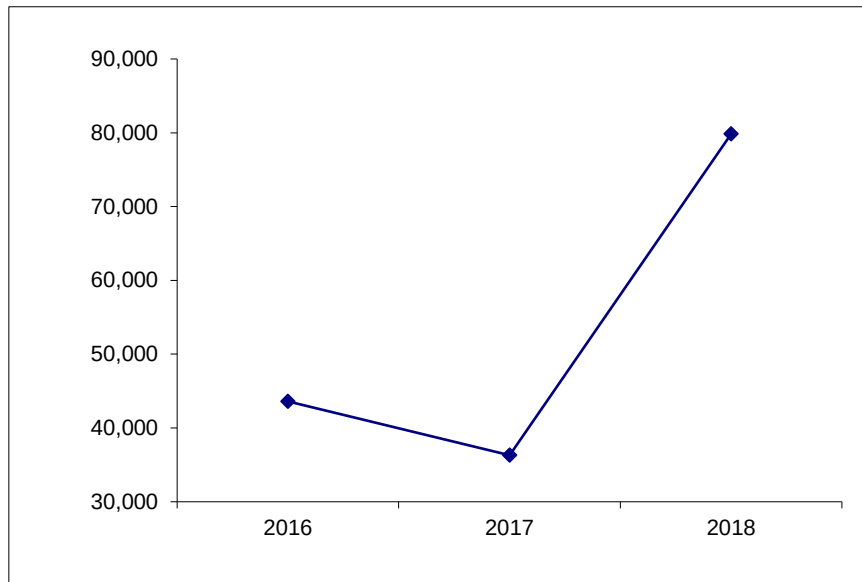
DEMOLITION PAYMENTS

MONTH	2016 Actual	2017 Actual	2018
JANUARY	2,908.62	3,094.52	4,085.00 A
FEBRUARY	6,335.43	3,461.25	3,875.00 A
MARCH	4,308.62	4,200.29	3,144.19 A
APRIL	2,678.62	3,523.62	20,411.18 A
MAY	4,017.62	3,599.02	11,821.98 A
JUNE	5,212.88	3,210.00	3,035.00 A
JULY	3,060.68	2,815.00	6,189.96 P
AUGUST	3,490.93	1,870.00	4,111.98 P
SEPTEMBER	3,386.90	2,875.00	6,321.89 P
OCTOBER	3,051.38	3,020.00	6,640.74 P
NOVEMBER	2,597.69	2,185.00	4,804.64 P
DECEMBER	2,561.18	2,450.00	5,387.35 P

TOTALS **43,610.55** **36,303.70** **79,828.91**

Current Budget **35,000.00**

Projected Amt Over (Under) **44,828.91**



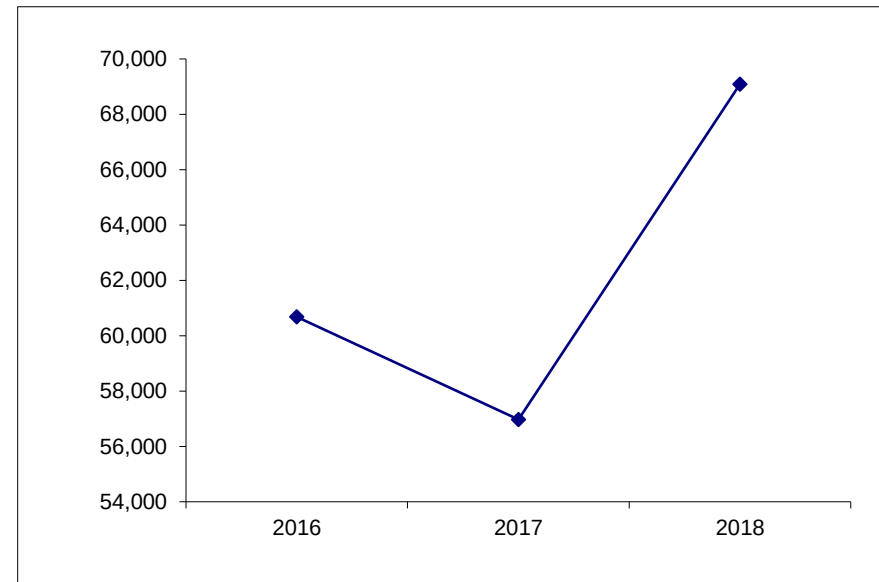
PET CITATIONS

MONTH	2016 Actual	2017 Actual	2018
JANUARY	3,219.55	4,675.88	5,624.07 A
FEBRUARY	4,446.39	5,654.45	7,221.22 A
MARCH	6,951.39	8,731.32	5,186.78 A
APRIL	6,300.38	3,253.46	8,265.15 A
MAY	5,923.60	3,536.29	4,968.92 A
JUNE	4,130.37	5,529.30	6,788.27 A
JULY	5,642.20	3,839.14	4,655.61 P
AUGUST	4,194.38	4,990.87	6,052.27 P
SEPTEMBER	5,037.80	4,582.53	5,557.09 P
OCTOBER	5,934.63	3,498.17	4,242.12 P
NOVEMBER	5,013.79	4,408.19	5,345.68 P
DECEMBER	3,884.55	4,273.00	5,181.74 P

TOTALS **60,679.03** **56,972.60** **69,088.92**

Current Budget **60,000.00**

Projected Amt Over (Under) **9,088.92**

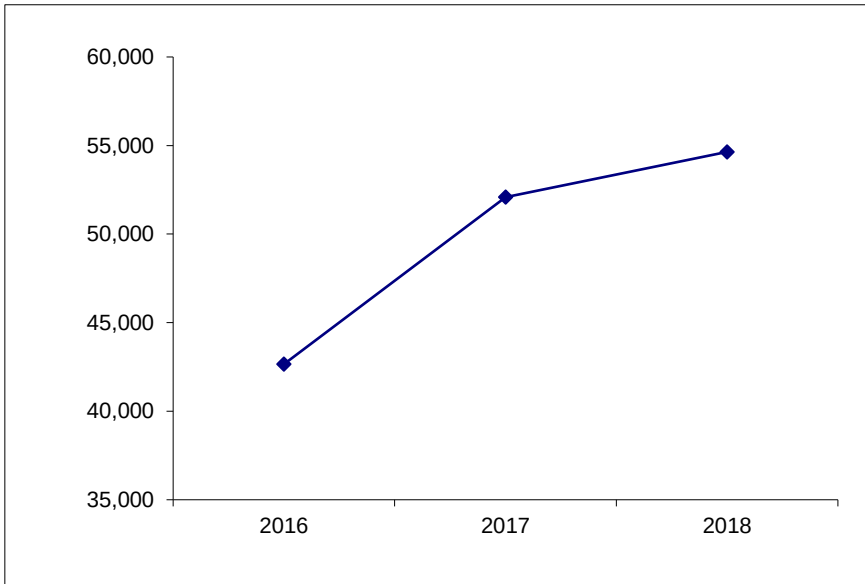


Projected Revenues

TRASH & CLEAN UP FINES

MONTH	2016 Actual	2017 Actual	2018
JANUARY	2,432.12	3,818.84	3,609.33
FEBRUARY	3,707.46	4,666.95	3,787.96
MARCH	4,301.09	5,502.65	4,694.36
APRIL	3,432.11	4,430.58	7,245.08
MAY	2,827.08	6,571.89	5,911.57
JUNE	1,253.81	2,680.88	3,782.95
JULY	1,982.12	6,230.35	6,536.43
AUGUST	3,367.61	5,026.82	5,273.78
SEPTEMBER	7,263.59	1,819.81	1,909.21
OCTOBER	4,211.41	4,837.59	5,075.25
NOVEMBER	3,106.80	2,939.72	3,084.14
DECEMBER	4,770.76	3,555.16	3,729.82

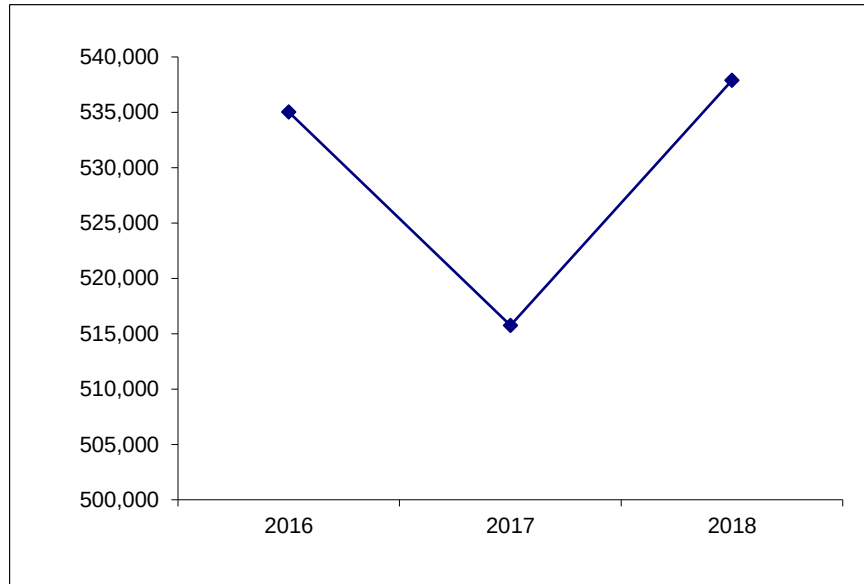
TOTALS	42,655.96	52,081.24	54,639.89
		Current Budget	73,000.00
		Projected Amt Over (Under)	-18,360.11



70-MASS TRANSIT - CHARGES FOR SERVICES

MONTH	2016 Actual	2017 Actual	2018
JANUARY	26,418.05	34,882.01	45,559.71
FEBRUARY	43,791.37	45,922.48	43,625.01
MARCH	72,611.37	39,319.53	48,998.55
APRIL	33,981.14	44,321.58	42,816.48
MAY	44,813.23	50,013.85	47,228.27
JUNE	47,949.63	49,318.54	46,871.57
JULY	44,483.78	42,138.97	43,947.61
AUGUST	46,604.73	43,030.86	44,877.79
SEPTEMBER	42,479.66	40,404.95	42,139.17
OCTOBER	38,596.83	42,457.11	44,279.41
NOVEMBER	48,784.87	47,406.69	49,441.43
DECEMBER	44,499.85	36,533.29	38,101.33

TOTALS	535,014.51	515,749.86	537,886.33
		Current Budget	573,500.00
		Projected Amt Over (Under)	-35,613.67

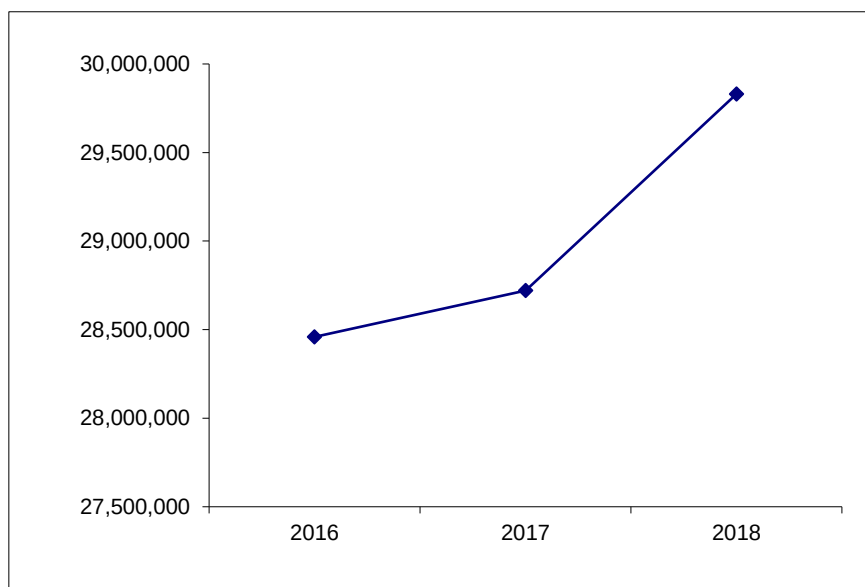


Projected Revenues

80-WATER SALES

MONTH	2016	2017	2018
	Actual	Actual	
JANUARY	2,104,678.61	2,250,636.79	2,293,291.51
FEBRUARY	2,210,327.74	2,293,297.02	2,442,137.29
MARCH	2,267,954.26	2,197,191.32	2,261,077.95
APRIL	2,221,531.91	2,184,431.48	2,266,796.70
MAY	2,196,960.89	2,202,704.25	2,369,942.81
JUNE	2,425,648.92	2,402,041.11	2,419,949.18
JULY	2,495,624.85	2,635,067.97	2,736,903.08
AUGUST	2,764,878.40	2,682,475.15	2,786,142.37
SEPTEMBER	2,583,865.88	2,554,863.90	2,653,599.44
OCTOBER	2,554,080.04	2,546,500.96	2,644,913.30
NOVEMBER	2,395,921.87	2,506,148.97	2,603,001.87
DECEMBER	2,237,479.85	2,264,904.88	2,352,434.63

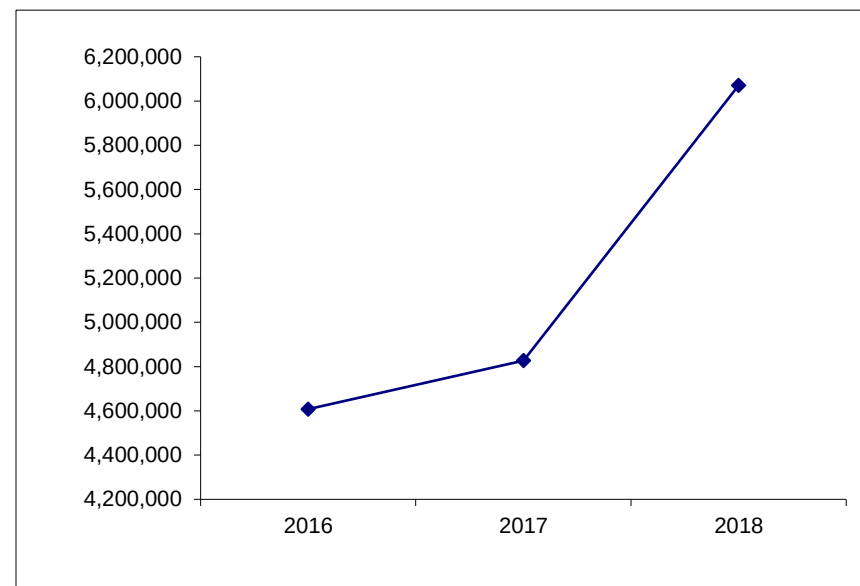
TOTALS	28,458,953.22	28,720,263.80	29,830,190.13
		Current Budget	29,167,000.00
	Projected Amt Over (Under)		663,190.13



79-SEWER USER FEE

MONTH	2016 Actual	2017 Actual	2018
JANUARY	365,361.90	365,842.90	415,444.15
FEBRUARY	390,979.51	365,908.81	442,619.44
MARCH	378,136.50	357,535.86	478,868.69
APRIL	354,698.60	336,921.75	466,503.07
MAY	368,671.08	374,139.45	470,323.66
JUNE	383,539.30	383,450.74	473,070.74
JULY	398,192.98	455,323.40	572,715.51
AUGUST	429,968.67	455,272.26	572,651.19
SEPTEMBER	405,514.62	434,296.55	546,267.49
OCTOBER	403,013.25	460,110.01	578,736.22
NOVEMBER	367,714.04	409,171.38	514,664.52
DECEMBER	361,793.84	428,287.26	538,708.88

TOTALS	4,607,584.29	4,826,260.37	6,070,573.56
		Current Budget	5,529,000.00
	Projected Amt Over (Under)		541,573.56

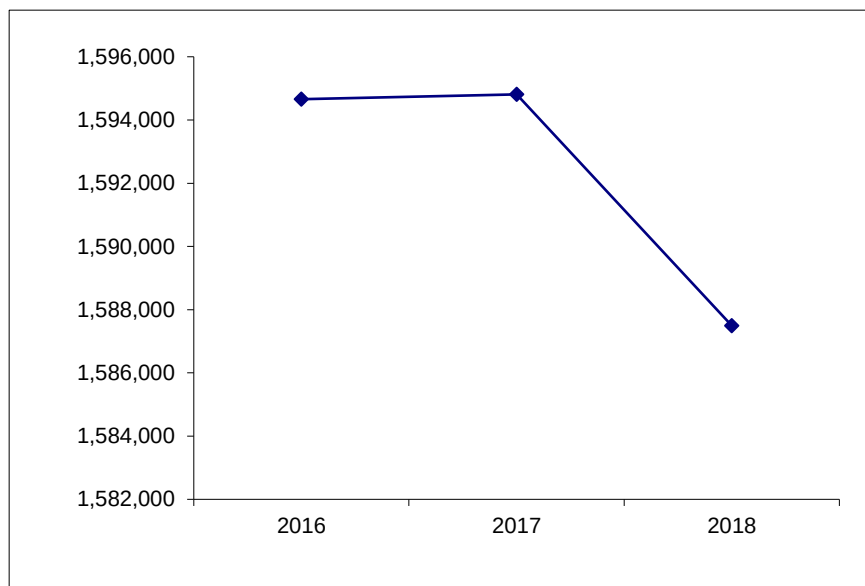


Projected Revenues

78-STORM WATER FEE

MONTH	2016 Actual	2017 Actual	2018
JANUARY	115,724.00	122,042.07	130,857.73
FEBRUARY	124,410.33	115,726.29	115,722.81
MARCH	125,098.96	131,044.00	119,204.08
APRIL	163,768.53	164,375.29	178,640.07
MAY	150,043.04	153,955.37	143,262.25
JUNE	120,546.60	120,950.54	116,699.68
JULY	113,459.99	121,951.59	121,392.17
AUGUST	127,007.68	121,622.82	121,064.90
SEPTEMBER	115,106.96	109,785.43	109,281.82
OCTOBER	165,183.90	165,672.68	164,912.70
NOVEMBER	151,953.53	150,828.65	150,136.76
DECEMBER	122,356.36	116,855.56	116,319.51

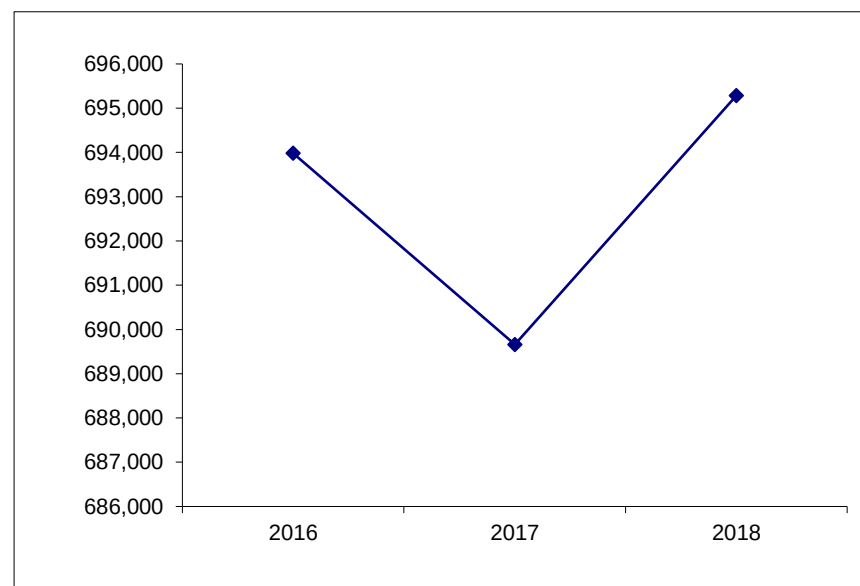
TOTALS	1,594,659.88	1,594,810.29	1,587,494.47
		Current Budget	1,606,000.00
		Projected Amt Over (Under)	-18,505.53



88-RECYCLING FEES

MONTH	2016 Actual	2017 Actual	2018
JANUARY	52,012.50	53,670.25	63,834.61
FEBRUARY	66,763.52	57,220.17	53,318.46
MARCH	58,159.31	63,538.06	59,585.33
APRIL	56,319.77	52,781.31	58,097.70
MAY	57,546.84	61,173.86	61,352.11
JUNE	57,162.53	60,215.22	55,252.91
JULY	53,717.51	61,089.08	61,587.16
AUGUST	59,997.07	55,537.02	55,989.83
SEPTEMBER	55,158.08	56,982.47	57,447.07
OCTOBER	61,572.21	54,207.31	54,649.28
NOVEMBER	59,011.54	59,900.37	60,388.76
DECEMBER	56,560.41	53,345.70	53,780.65

TOTALS	693,981.29	689,660.82	695,283.87
		Current Budget	697,500.00
	Projected Amt Over (Under)		-2,216.13



RESOLUTION NO. 2018-_____

**RESOLUTION AUTHORIZING AGREEMENT AND
APPOINTING INTERIM CITY MANAGER**

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

Section 1. That the Agreement between the City of Decatur and Billy Tyus for the appointment by the City of Billy Tyus as Interim City Manager 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 Agreement on behalf of the City.

Section 3. That effective July 22, 2018, or the date that Tim A. Gleason resigns, whichever date is earlier, Billy Tyus be, and is hereby, appointed Interim City Manager of the City of Decatur for all purposes as set out in the statutes of the State of Illinois and pursuant to the terms of the Agreement authorized hereby, and until further order of the Council.

PRESENTED AND ADOPTED this 16th day of July, 2018.

JULIE MOORE WOLFE, MAYOR

ATTEST:

CITY CLERK

INTERIM CITY MANAGER EMPLOYMENT AGREEMENT

This Interim City Manager Employment Agreement (herein "Agreement") is entered into on this ____ day of July, 2018, by and between the City of Decatur, an Illinois municipal corporation (herein the "City"), and Billy Tyus (herein the "Employee"). Employee and City are herein the "Parties."

RECITALS:

WHEREAS, the City desires to appoint Employee as its Interim City Manager for the time period from the effective date of the resignation of Tim Gleason, the current City Manager, and the authorization of this Agreement and shall extend through such time as a replacement City Manager is appointed by the City Council, qualifies and assumes the responsibilities of the position (herein the "Interim Period," but further defined in Section 2 below); or this Agreement is terminated sooner pursuant to Section 16 below;

WHEREAS, Employee desires to serve the City as its Interim City Manager for the Interim Period; and

WHEREAS, the Parties wish to memorialize in writing their relationship for the Interim Period.

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the Parties do hereby agree as follows:

1. **APPOINTMENT.** City hereby appoints Employee as Interim City Manager and Employee accepts such appointment, subject to the terms hereof.

2. **INTERIM PERIOD AND THEREAFTER.** This Agreement shall become effective on the date that Tim Gleason resigns his position as City Manager, being the date lawfully authorized by the City Council of the City (herein "City Council") by proper resolution, and shall continue thereafter for an indefinite term, until such time as the City: (a) hires a replacement City Manager; (b) said individual lawfully qualifies to act as "City Manager" pursuant to Section 5-3-7 of the Illinois Municipal Code [65 ILCS 5/5-3-7 (2016)], as may be amended hereafter; and (c) assumes the duties and responsibilities of the position, but all subject to the rights of the Parties to sooner terminate this Agreement as provided in Section 16 below. After the Interim Period, unless sooner terminated as provided in Section 16, Employee shall return to the position of Deputy City Manager with compensation equivalent to the Employee's annual salary and benefits as of the date of appointment of the Employee under this Agreement plus any and all additional salary increases or benefits Employee would have been entitled to as Deputy City Manager during the Interim Period. No evaluation of Employee during his term serving as Interim City Manager shall impact or be utilized as basis to measure the fitness of Employee to return to the position of Deputy City Manager. The position of Deputy City Manager shall not be eliminated or reduced as part of a reduction in force for the remainder of the City's current fiscal year through fiscal year 2019. Employee agrees and acknowledges that upon his return to the position of Deputy City Manager that he is an employee "At Will" and that his employment may be terminated "with" or "without" just cause.

3. INTERIM CITY MANAGER DUTIES. During the Interim Period, Employee shall perform the duties and assume the responsibilities of City Manager as set forth in the applicable statutes of the State of Illinois, and more specifically Section 5-3-7 of the Illinois Municipal Code, [65 ILCS 5/5-3-7 (2016)], as may be amended, and all ordinances lawfully enacted pursuant thereto, together with all other such duties and responsibilities as the City Council may lawfully assign to Employee.

4. NO OTHER EMPLOYMENT. Employee shall devote all of his professional time, attention, knowledge, and skills solely to the interests of the City, and the City shall be entitled to all of the benefits arising from or incident to all work, services and advice of Employee.

5. OATH AND BOND. As a condition of this appointment, Employee agrees to execute and deliver an Oath of Office and be eligible for an official bond with surety, in substantially the forms attached in Exhibit A and as required by Section 5-3-9 of the Illinois Municipal Code [65 ILCS 5/5-3-9 (2016)].

6. HOURS OF WORK. The Parties agree that the duties and responsibilities of the Interim City Manager will require the Employee to work weekends, evenings, and other irregular hours at locations, including the administrative offices of the City, as well as elsewhere, both during regular business hours and at hours beyond regular business hours. The Parties further agree that his work during irregular hours and at other locations are of equal importance and are included in the normal daily duties and responsibilities of the Interim City Manager. Employee shall perform such work at hours beyond regular business hours so in order to provide Employee with a reasonable limitation to the total number of hours required of him in the given week, Employee may reasonably determine his hours necessary to the position, but in no event shall the number of hours worked be less than forty (40) hours per week.

7. EMPLOYEE'S SALARY. Employee shall receive a salary at an annual rate of Fifteen Thousand Dollars (\$15,000.00) in addition to the annual salary Employee currently receives in his current position including the additional pay for performance salary increase Employee would be entitled to receive for the 2018-2019 evaluation period ("Salary"), for the Interim Period payable in bi-weekly installments as per the pay plan generally applicable to all City Employees. Salary payments shall be subject to normal and customary tax withholdings.

8. VACATION LEAVE. Employee shall remain entitled to the same number of days of paid vacation leave during the Interim Period as Employee is entitled in his current position under the policies and plans of the City. Therefore, Employee's paid vacation leave shall not be altered, modified, or changed from that when he possesses in his current position.

9. SICK LEAVE. Employee shall remain entitled to the same number of days of paid sick leave during the Interim Period as Employee is entitled in his current position under the policies and plans of the City. Therefore, Employee's paid sick leave shall not be altered, modified, or changed from that which he possesses in his current position. Employee shall not be entitled to any cash payment, or payment of any type of paid sick leave days unused at the end of the Interim Period, and such paid sick leave days may only be utilized for illness of Employee of his immediate family members and will not be considered paid vacation days.

10. BUSINESS EXPENSES. The City shall reimburse Employee for all reasonable employment-related expenses, subject to administrative policies concerning such as currently

exist or as amended. Such expenses include, but are not limited to the following: air travel; taxi and auto rental; lodging; meals; memberships and subscriptions to publications of the International City Management Association and the Illinois City Management Association; registration fees for training programs offered by such associations; and travel and incidental costs relating to attendance at such training programs or conferences and meetings of such associations. It is specifically understood that the above membership and participation in training, conference and meetings are to be undertaken by Employee, at his request and at the approval and/or request of the City Council, and shall be considered as part of the duties and responsibilities of Employee hereunder. Employee shall be reimbursed for other reasonable expenses as the City shall approve by lawful action of the City Council.

11. GROUP INSURANCE BENEFITS. The City, subject to the limitation provided for herein, shall continue to provide Employee with group life insurance and employee and dependent health, hospitalization and dental coverage equal to such insurance or benefits provided other management employees of the City. Notwithstanding the foregoing, it is agreed and understood that the City may, at its sole option, modify, or eliminate said insurance or benefits, or any portions thereof, provided that Employee is treated no differently than other management employees of the City.

12. HOLIDAYS. Employee shall receive the same paid holidays which are afforded to other management employees of the City.

13. DISABILITY. If Employee is unable to perform all of his duties and responsibilities essential to his position of Interim City Manager, as determined by the City Council, because of sickness, accident, injury, mental incapacity or ill health (herein "Disability"), he shall be eligible for "Disability Leave" after exhausting all accrued sick leave and vacation leave. Disability Leave shall be unpaid and may be approved by the City for a period of up to six (6) months. Disability Leave shall be dependent upon the length of disability as demonstrated by Employee. To determine Disability, the City shall have the right to have a medical examination(s) of Employee made at a reasonable time(s) by a physician selected by City. If Employee is unable to return to work at the end of a Disability Leave, City shall have the option to terminate the employment of Employee subject to requirements imposed in Section 16(b) of this Agreement.

14. ELIGIBILITY OF BENEFITS AFFORDED OTHER MANAGEMENT EMPLOYEES OF THE CITY. Except for the provisions of Sections 6 through 13 above, Employee shall receive the same employment benefits which are provided to their management employees of the City.

15. PUBLIC OFFICIAL LIABILITY INSURANCE AND REPRESENTATION BY LEGAL COUNSEL. The City shall provide Employee with public official liability insurance in accordance with such provided for other officers of the City. In addition, if the Employee is named or made a party to any action, claim, or demand (collectively, herein "Claim"), except for criminal, traffic, misdemeanor, or petty offenses, which arise from his actions or conduct as an employee of the City, the City shall select and compensate an attorney who shall provide a defense for Employee, unless the City Council determines that said Employee was acting outside of the scope of his duties and responsibilities when engaged in the action or conduct which forms the basis of the Claim.

16. TERMINATION. This Agreement shall terminate upon the earlier of the following:

(a) Upon the appointment, qualification and assumption of duties of a replacement City Manager, the Interim Period shall end and Employee shall immediately complete, execute and deliver the Resignation attached in Exhibit B, this Agreement shall terminate, and Employee shall return to and again assume the duties and responsibilities of Deputy City Manager (herein "Employee's Prior Position");

(b) Upon the termination of this Agreement for Employee's Disability, or upon the expiration of his Disability Leave, Employee's return to Employee's prior position shall be approved by the City Council;

(c) The City may terminate this Agreement immediately at any time by written notice, for any reason or for no reason, by appropriate action of the City Council, which action shall require a majority vote of the members of the City Council; and

(d) Employee may terminate this Agreement at any time, for any reason or for no reason, by providing to the City thirty (30) days prior written notice which shall include the date of termination.

17. COMPLETE AGREEMENT. This Agreement constitutes the entire agreement between the Parties with respect to Employee's appointment as Interim City Manager, supersedes all previous agreements both verbal and written with respect to the appointment, and there exist no inducements, promises, terms, conditions, or obligations made or entered into by either the City or Employee which are not expressly contained herein. The Parties agree that to the extent any statement, comment, or representation has been made which lie outside of this Agreement, the other of them did not rely upon such in any manner or fashion whatsoever. The Parties further agree that each has had the opportunity to utilize legal counsel of his or its own choosing, and has conducted investigation into the matters contained herein sufficient to satisfy said Party. The Parties further covenant and agree that neither of them enter into this Agreement under any duress, confusion, or misapprehension, but both Parties agree that they fully understand the terms hereof. This Agreement shall not be subject to amendment, alteration or modification unless such proposed amendment, alteration, or modification is reduced to a writing executed by both Parties.

18. HEADINGS AND RECITALS. The Parties agree that the headings which are utilized within this Agreement are for the convenience of the Parties alone, and such headings shall not increase, decrease, alter, or modify the terms of the language set forth herein. The Recitals are an integral part of this Agreement and are incorporated herein.

19. APPLICABLE LAW. This Agreement is entered into within the City of Decatur, County of Macon, State of Illinois, on the date first above-written, and said Agreement shall be subject to and interpreted and construed according to the laws of the State of Illinois. Any action, claim, or demand brought in any court for the breach hereof or seeking a declaration of the meaning hereof, shall be brought in the Circuit Court of the Sixth Judicial Circuit, Macon County, Illinois, to the exclusion of all other venues.

20. **WAIVER OF BREACH.** The waiver by either Party of a breach or violation of any provision of this Agreement shall not operate as, or be construed to be a waiver of, any subsequent breach of the same or other provisions hereof.

21. **ASSIGNMENT.** No assignment of this Agreement or of the rights or obligations hereunder shall be valid without the specific written consent of the Parties.

22. **SEVERABILITY.** If any portion or portions of this Agreement shall be, for any reason, invalid or unenforceable, the remaining portion or portions shall nevertheless be valid, enforceable and carried into effect, unless to do so would clearly violate the present legal and valid intention of the Parties.

23. **NOTICES.** All notices hereunder shall be in writing and shall be deemed to have been given if hand delivered or which mailed, postage prepaid, certified return receipt requested:

- (a) If to the City, addressed to: Attention: City Clerk
 One Gary K. Anderson Plaza
 Decatur, IL 62523-1196
- (b) If to Employee, addressed to: Billy Tyus
 One Gary K. Anderson Plaza
 Decatur, IL 62523-1196

24. **EMPLOYMENT STATUS OF EMPLOYEE.** It is agreed by the Parties hereto that Employee, in performance of his duties and responsibilities hereunder, is an employee of City and exempt under state and federal wage and hour statutes and The Fair Labor and Standards Act.

IN WITNESS WHEREOF, the Parties hereto do hereby execute this Agreement on the date first above written.

CITY OF DECATUR, an Illinois Municipal Corporation

Julie Moore-Wolfe, Mayor

ATTEST:

City Clerk

Billy Tyus

Public Works

DATE: 7/6/2018

MEMO: 2018-34

TO: Honorable Mayor Julie Moore Wolfe and City Council Members

FROM: Tim Gleason, City Manager
Matt Newell, P.E., Public Works Director

SUBJECT: Ordinance Adding City Code 41.2 Small Wireless Facilities

SUMMARY RECOMMENDATION: Please refer to attached Memo 2018-34

ATTACHMENTS:

Description	Type
2018-34 Small Wireless Facilities Memo	Cover Memo
2018-34 Ordinance Adding City Code Chapter 41.2 Small Wireless Facilities	Ordinance
2018-34 Chapter 41.2 Small Wireless Facilities Code	Backup Material
2018-34 Small Wireless Facilities Examples	Backup Material
2018-34 Small Wireless Facilities Article	Backup Material

Public Works Memorandum
NO. 2018-34

DATE: July 6, 2018

TO: Honorable Mayor Julie Moore Wolfe and City Council

FROM: Tim Gleason, City Manager
Matthew C. Newell, P.E., Public Works Director

SUBJECT: Ordinance Adding City Code Chapter 41.2 Small Wireless Facilities

SUMMARY RECOMMENDATION:

It is recommended that the City Council approve the attached Ordinance adopting Chapter 41.2 Small Wireless Facilities as part of the City Code and that the Mayor be authorized to execute the Ordinance and the City Clerk to attest.

PRIOR COUNCIL ACTION:

No previous Council actions have been taken regarding this proposed addition to the City Code.

BACKGROUND:

On April 12, 2018, Governor Bruce Rauner signed Senate Bill 1451 (Public Act 100-0585), the Small Wireless Facilities Deployment Act (Act) which provides the regulations and process for permitting and deploying small cell wireless facilities throughout Illinois. It specifies how the City may regulate the attachment of small wireless facilities on City owned infrastructure, including utility poles, street lights, traffic signals, etc. It also regulates the placement of small cell towers on the public right of way. The Act went into effect on June 1, 2018. Municipalities throughout Illinois were provided two months from the effective date of June 1, 2018, to either adopt fees through an ordinance or provide a fee schedule, pursuant to the Act.

The fee structure for this ordinance is given below. These are the maximum fees allowed under the Act. The new revenue this will bring to the City is unknown but is expected to be minimal.

Permitted Activity	Proposed Fee
Install a small cell on an existing pole (such as an Ameren light pole, City light pole, City traffic signal, etc.)	\$650 per pole
Install multiple small cells on an existing pole	\$350 per each installation per pole
Install a new utility pole for the installation of a small cell	\$1,000 per pole
Annual rate for installing a small cell on a City pole (such as a City street light pole, or traffic signal, etc.)	\$200 per installation per year

Small cell wireless facilities are light weight, low power, precisely targeted cell units that often cover a radius of up to 1,500 feet. They are generally installed at locations where customers are prone to experience connectivity issues, increased cell capacity is needed, or traditional cell coverage is limited due to buildings, topography or other obstacles. Public right of way is viewed as a very convenient location for these small cell wireless facilities. Frequently asked questions are attached to this memo.

The June 16 meeting of the City Council is the last opportunity to pass the necessary changes to the City Code prior to the expiration of the two month window provided by the State. The proposed City Code addition follows closely to the model ordinance language provided by the Illinois Municipal League.

SCHEDULE: If approved, this City Code section will be effective August 1, 2018.

LEGAL REVIEW: The proposed City Code addition was reviewed and approved by the Legal Department.

BUDGET/TIME IMPLICATIONS:

Budget Impact: The revenue that will be provided through this ordinance is unknown at this time but is expected to be minimal due to the limitations the State placed upon the cities to assess fees to use City facilities and right of way.

Staff Impact: The staff impact in enforcing this ordinance are unknown at this time.

POTENTIAL OBJECTION: There are no known objections to this ordinance.

INPUT FROM OTHER SOURCES: Illinois Municipal League, City Legal Department

STAFF REFERENCE: Matthew Newell, Public Works Director; Amy Waks, Assistant Corporation Counsel. Matt Newell will attend the City Council meeting to answer any questions of the Council on this item.

Attach: 4

Frequently Asked Questions Provided by the Illinois Municipal League

What does the Act do?

The Small Wireless Facilities Deployment Act provides the regulations and process for permitting and deploying small wireless facilities throughout Illinois. It specifies how local authorities may regulate the attachment of small wireless facilities on municipal utility poles or other structures.

What is a small wireless facility?

A small wireless facility, commonly known as a “small cell,” enables the transmission of data and wireless communications to and from a wireless device, such as a computer, cell phone or tablet. The Act states that these small wireless facilities are critical to delivering wireless access to advanced technology, broadband and 9-1-1 services to homes, businesses and schools in Illinois.

Where are the small wireless facilities permitted uses, pursuant to Section 15(c) of the Act?

Small wireless facilities are permitted uses in the right-of-way, and on property zoned exclusively for commercial or industrial use. On other property, zoning provisions apply, as do the Federal Communications Commission shot clock timelines for permitting of telecommunications facilities.

Does the Act apply to requests for permits to locate on municipal property outside of the right-of-way?

The Act only requires that requests to locate on municipal property outside of the right-of-way be granted in a competitively neutral and non-discriminatory manner. If your municipality does not presently allow telecommunications carriers access to municipal property outside of the right-of-way, it need not do so.

If another authority is running through the municipality, such as a county or state road/street, who has the jurisdiction to control or regulate the small wireless facilities in the right-of-way?

The unit of government that controls the right-of-way has the jurisdiction to regulate the small wireless facilities in that right-of-way.

If the community requires other right-of-way users to obtain separate permits for electric and cabling requirements for their use, are wireless providers subject to those separate permitting requirements?

Yes

What do we do if we begin to receive applications to attach small wireless facilities on our municipal poles before we have adopted an ordinance or a fee schedule, pursuant to the Act?

Section 15(i)(4) of the Act provides that municipalities have two months following the effective date of the Act to adopt ordinances or provide agreements consistent with the terms of the Act, and thereafter, the terms of the Act will control in the absence of an ordinance or agreement. Permit applications received prior to August 1, 2018, would be acknowledged as received on the earlier of the effective date of the ordinance adopted by the municipality or August 1, 2018.

What happens if our municipality does not adopt an ordinance or schedule of fees prior to two months after the effective date of the Act?

In the absence of an ordinance or agreement that makes available to wireless providers the rates, fees and terms for the attachment of small wireless facilities on municipal utility poles, wireless providers may attach small wireless facilities and install utility poles on their own accord, provided they comply with the requirements of the Act.

ORDINANCE NO. _____

**ORDINANCE ADDING CITY CODE
-CHAPTER 41.2-
SMALL WIRELESS FACILITIES**

WHEREAS, the Illinois General Assembly has recently enacted Public Act 100-0585, known as the Small Wireless Facilities Deployment Act (the Act), which became effective on June 1, 2018; and

WHEREAS, the City of Decatur is an Illinois home rule municipality pursuant to Section 6 (a), Article VII of the Constitution of the State of Illinois of 1970; and

WHEREAS, the Act sets forth the requirements for the collocation of small wireless facilities by local authorities.

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

Section 1. That the City Code of the City of Decatur, Illinois, be and the same is hereby, modified and amended, by adding a new Chapter 41.2 titled Small Wireless Facilities thereto. Said Chapter 41.2 shall provide as set forth on Exhibit A attached hereto and hereby made a part hereof.

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 by law.

PRESENTED, PASSED, APPROVED AND RECORDED this 16th day of July 2018.

JULIE MOORE WOLFE, MAYOR

ATTEST:

DEBRA G. BRIGHT, CITY CLERK

PUBLISHED this _____ day of _____, 2018.

DEBRA G. BRIGHT, CITY CLERK

Chapter 41.2

SMALL WIRELESS FACILITIES

1. **PURPOSE.** The purpose of this Chapter is to establish regulations, standards and procedures for the siting and collocation of small wireless facilities on rights-of-ways within the City's jurisdiction, or outside the rights-of-way on property zoned by the City exclusively for commercial or industrial use, in a manner that is consistent with the Small Wireless Facilities Deployment Act as amended.
2. **DEFINITIONS.** For the purpose of this Chapter, the following terms shall have the following meanings:

Antenna- communications equipment that transmits or receives electromagnetic radio frequency signals used in the provision of wireless services.

Applicable code- building, fire, electrical, plumbing, or mechanical codes adopted by a recognized national code organization or local amendments to those codes, including the National Electrical Code.

Applicant- any person who submits an application and is a wireless provider.

Application- a request submitted by an applicant to the City for a permit to collocate small wireless facilities, and a request that includes the installation of a new utility pole for such collocation, as well as any applicable fee for the review of such application.

Central Business District- Defined in the City's Zoning Ordinance as district B-4, and is generally bounded by Wood Street, Jackson Street, Cerro Gordo Street and Church Street. The exact boundaries of the Central Business District are shown on the Zoning District Map which is reviewed and approved annually by the City Council, and is kept on file with the City Clerk.

Collocate or collocation- to install, mount, maintain, modify, operate, or replace wireless facilities on or adjacent to a wireless support structure or utility pole.

Communications service- cable service, as defined in 47 U.S.C. 555(6), as amended; information service, as defined in 47 U.S.C. 153(24), as amended; telecommunications service, as defined in 47 U.S.C. 153(53), as amended; mobile service, as defined in 47 U.S.C. 153(53) as amended; or wireless service other than mobile service.

Communications service provider- a cable operator, as defined in 47 U.S.C. 522(5), as amended; a provider of information service, as defined in 47 U.S.C. 153(24), as amended;

a telecommunications carrier, as defined in 47 U.S.C. 153(51), as amended; or a wireless provider.

FCC- the Federal Communications Commission of the United States.

Fee- a one-time charge.

Historic District or historic landmark- a building, property, or site, or group of buildings, properties, or sites that are either (i) listed in the National Register of Historic Places or formally determined eligible for listing by the Keeper of the National Register, the individual who has been delegated the authority by the federal agency to list properties and determine their eligibility for the National Register, in accordance with Section VI.D.1.a.i through Section VI.D.1.a.v of the Nationwide Programmatic Agreement codified at 47 CFR Part 1, Appendix C; or (ii) designated as a locally landmarked building, property, site, or historic district by an ordinance adopted by the City pursuant to a preservation program that meets the requirements of the Certified Local Government Program of the Illinois State Historic Preservation Office or where such certification of the preservation program by the Illinois State Historic Preservation Office is pending.

Law- a federal or State statute, common law, code, rule, regulation, order, or local ordinance or resolution.

Micro wireless facility- a small wireless facility that is not larger in dimension than 24 inches in length, 15 inches in width, and 12 inches in height and that has an exterior antenna, if any, no longer than 11 inches.

Municipal utility pole- a utility pole owned or operated by the City in public rights-of-way.

Permit- a written authorization required by the City to perform an action or initiate, continue, or complete a project.

Person- an individual, corporation, limited liability company, partnership, association, trust, or other entity or organization.

Public safety agency- the functional division of the federal government, the State, a unit of local government, or a special purpose district located in whole or in part within this State, that provides or has authority to provide firefighting, police, ambulance, medical, or other emergency services to respond to and manage emergency incidents.

Rate- a recurring charge.

Right-of-way- the area on, below, or above a public roadway, highway, street, public sidewalk, alley, or utility easement dedicated for compatible use. Right-of-way does not include City owned aerial lines.

Small wireless facility- a wireless facility that meets both of the following qualifications: (i) each antenna is located inside an enclosure of no more than 6 cubic feet in volume or, in the case of an antenna that has exposed elements, the antenna and all of its exposed elements could fit within an imaginary enclosure of no more than 6 cubic feet; and (ii) all other wireless equipment attached directly to a utility pole associated with the facility is cumulatively no more than 25 cubic feet in volume. The following types of associated ancillary equipment are not included in the calculation of equipment volume: electric meter, concealment elements, telecommunications demarcation box, ground-based enclosures, grounding equipment, power transfer switch, cut-off switch, and vertical cable runs for the connection of power and other services.

Utility pole- a pole or similar structure that is used in whole or in part by a communications service provider or for electric distribution, lighting, traffic control, or similar function.

Wireless facility- equipment at a fixed location that enables wireless communications between user equipment and a communications network, including: (i) equipment associated with wireless communications; and (ii) radio transceivers, antennas, coaxial or fiber-optic cable, regular and backup power supplies, and comparable equipment, regardless of technological configuration. Wireless facility includes small wireless facilities. Wireless facility does not include: (i) the structure or improvements on, under, or within which the equipment is collocated; or (ii) wireline backhaul facilities, coaxial or fiber-optic cable that is between wireless support structures or utility poles or coaxial, or fiber-optic cable that is otherwise not immediately adjacent to or directly associated with an antenna.

Wireless infrastructure provider- any person authorized to provide telecommunications service in the State that builds or installs wireless communication transmission equipment, wireless facilities, wireless support structures, or utility poles and that is not a wireless services provider but is acting as an agent or contractor for a wireless services provider for the application submitted to the City.

Wireless provider- a wireless infrastructure provider or a wireless services provider.

Wireless services provider- any services provided to the general public, including a particular class of customers, and made available on a nondiscriminatory basis using licensed or unlicensed spectrum, whether at a fixed location or mobile, provided using wireless facilities.

Wireless services provider- a person who provides wireless services.

Wireless support structure- a freestanding structure, such as a monopole; tower, either guyed or self-supporting; billboard; or other existing or proposed structure designed to support or capable or supporting wireless facilities. Wireless support structure does not include a utility pole.

3. REGULATIONS OF SMALL WIRELESS FACILITIES

A. Permitted Use. Small wireless facilities shall be classified as permitted uses and subject to administrative review, except as provided in paragraph (9) regarding Height Exceptions or Variances, but not subject to zoning review or approval if they are collocated (i) in rights-of-way in any zoning district, or (ii) outside rights-of-way in property zoned exclusively for commercial or industrial use.

B. Permit Required. An applicant shall obtain one or more permits from the City to collocate a small wireless facility. An application shall be received and processed, and permits issued shall be subject to the following conditions and requirements.

1) Application Requirements. A wireless provider shall provide the following information to the City, together with the City's Small Cell Facilities Permit Application, as a condition of any permit application to collocate small wireless facilities on a utility pole or wireless support structure:

- a)** Site specific structural integrity and, for a municipal utility pole, make-ready analysis prepared and sealed by a structural engineer, licensed in the State of Illinois;
- b)** The location where each proposed small wireless facility or utility pole would be installed and photographs of the location and its immediate surroundings depicting the utility poles or structures on which each proposed small wireless facility would be mounted or location where utility poles or structures would be installed. This should include a depiction of the completed facility;
- c)** Specifications and drawings prepared and sealed by a structural engineer, licensed in the State of Illinois, for each proposed small wireless facility covered by the application as it is proposed to be installed;
- d)** The equipment type and model numbers for the antennas and all other wireless equipment associated with the small wireless facility;
- e)** A proposed schedule for the installation and completion of each small wireless facility covered by the application, if approved; and

- f) Certification that the collocation complies with the Collocation Requirements and Conditions contained herein, to the best of the applicant's knowledge.
- g) In the event that the proposed small wireless facility is to be attached to an existing pole owned by an entity other than the City, the wireless provider shall provide legally competent evidence of the consent of the owner of such pole to the proposed collocation.

2) **Application Process.** The City shall process applications as follows:

- a) The first completed application shall have priority over applications received by different applicants for collocation on the same utility pole or wireless support structure.
- b) An application to collocate a small wireless facility on an existing utility pole or wireless support structure, or replacement of an existing utility pole or wireless support structure shall be processed on a nondiscriminatory basis and shall be deemed approved if the City fails to approve or deny the application within 90 days after the submission of a completed application.

However, if an applicant intends to proceed with the permitted activity on a deemed approved basis, the applicant shall notify the City in writing of its intention to invoke the deemed approved remedy no sooner than 75 days after the submission of a completed application.

The permit shall be deemed approved on the latter of the 90th day after submission of the complete application or the 10th day after the receipt of the deemed approved notice by the City. The receipt of the deemed approved notice shall not preclude the City's denial of the permit request within the time limits as provided under the Ordinance.

- c) An application to collocate a small wireless facility that includes the installation of a new utility pole shall be processed on a nondiscriminatory basis and deemed approved if the City fails to approve or deny the application within 120 days after the submission of a completed application.

However, if an applicant intends to proceed with the permitted activity on a deemed approved basis, the applicant shall notify the City in writing of its intention to invoke the deemed approved remedy no sooner than 105 days after the submission of a completed application.

The permit shall be deemed approved on the latter of the 120th day after submission of the complete application or the 10th day after the receipt of the

deemed approved notice by the City. The receipt of the deemed approved notice shall not preclude the City's denial of the permit request within the same time limits as provided under this Ordinance.

- d) The City shall deny an application which does not meet the requirements of the Ordinance.

If the City determines that applicable codes, ordinances or regulations that concern public safety, or the Collocation Requirements and Conditions contained herein require that the utility pole or wireless support structure be replaced before the requested collocation, approval shall be conditioned on the replacement of the utility pole or wireless support structure at the cost of the provider.

The City shall document the basis for denial, including the specific code provisions or application conditions on which the denial is based, and send the documentation to the applicant on or before the day the City denies an application.

The applicant may cure the deficiencies identified by the City and resubmit the revised application once within 30 days after notice of denial is sent to the applicant without paying an additional application fee. The City shall approve or deny the revised application within 30 days after the applicant resubmits the application or it is deemed approved. Failure to resubmit the revised application within 30 days of denial shall require the applicant to submit a new application with applicable fees, and recommencement of the City's review period.

The applicant must notify the City in writing of its intention to proceed with the permitted activity on a deemed approved basis, which may be submitted with the revised application.

Any review of a revised application shall be limited to the deficiencies cited in the denial. However, this revised application does not apply if the cure requires the review of a new location, new or different structure to be collocated upon, new antennas, or other wireless equipment associated with the small wireless facility.

- 3) **Pole Attachment Agreement.** Within 30 days after an approved permit to collocate a small wireless facility on a municipal utility pole, the Public Works Director, or designee, and the applicant shall enter into a Master Pole Attachment Agreement, provided by the Public Works Department for the initial collocation on a municipal utility pole by the applicant. For subsequent approved permits to collocate on a small wireless facility on a municipal utility pole, the Public Works

Director, or designee, and applicant shall enter into a License Supplement of the Master Pole Attachment Agreement.

- 4) **Completeness of Application.** Within 30 days after receiving an application, the City shall determine whether the application is complete and notify the applicant. If an application is incomplete, the City must specifically identify the missing information. An application shall be deemed complete if the City fails to provide notification to the applicant within 30 days after all documents, information and fees specifically enumerated in the City's permit application form are submitted by the applicant to the City.

Processing deadlines are tolled from the time the City sends the notice of incompleteness to the time the applicant provides the missing information.

- 5) **Tolling.** The time period for applications may be further tolled by:
- a) An express written agreement by both the applicant and the City; or
 - b) A local, State or federal disaster declaration or similar emergency that causes the delay.
- 6) **Consolidated Applications.** An applicant seeking to collocate small wireless facilities within the jurisdiction of the City shall be allowed, at the applicant's discretion, to file a consolidated application and receive a single permit for the collocation of up to 25 small wireless facilities if the collocations each involve substantially the same type of small wireless facility and substantially the same type of structure.
- If an application includes multiple small wireless facilities, the City may remove small wireless facility collocations from the application and treat separately small wireless facility collocations for which incomplete information has been provided of that do not qualify for consolidated treatment or that are denied. The City may issue separate permits for each collocation that is approved in a consolidated application.
- 7) **Duration of Permits.** The duration of a permit shall be for a period of not less than 5 years, and the permit shall be renewed for equivalent durations unless the City makes a finding that the small wireless facilities or the new or modified utility pole do not comply with the applicable City codes or any provision, condition or requirement contained in this Ordinance.

If the Small Wireless Facilities Deployment Act, as amended, is repealed as provided in Section 90 therein, renewals of permits shall be subject to the applicable City code provisions or regulations in effect at the time of renewal.

- 8) **Means of Submitting Applications.** Applicants shall submit applications, supporting information and notices to the City by personal delivery to the City's Decatur Public Works Department at the City's designated place of business, by regular mail postmarked on the date due or by any other commonly used means, including electronic mail.

4. COLLOCATION REQUIREMENTS AND CONDITIONS.

- A. **Public Safety Space Reservation.** The City may reserve space on municipal utility poles for future public safety uses, for the City's electric utility uses, or both, but a reservation of space may not preclude the collocation of a small wireless facility unless the City reasonably determines that the municipal utility pole cannot accommodate both uses.
- B. **Installation and Maintenance.** The wireless provider shall install, maintain, repair, and modify its small wireless facilities in safe condition and good repair and in compliance with the requirements and conditions of this Ordinance. The wireless provider shall ensure that its employees, agents, or contractors that perform work in connection with its small wireless facilities are adequately trained and skilled in accordance with all applicable industry and governmental standards and regulations.
- C. **No interference with public safety communication frequencies.** The wireless provider's operation of the small wireless facilities shall not interfere with the frequencies used by a public safety agency for public safety communications.
- 1) A wireless provider shall install small wireless facilities of the type and frequency that will not cause unacceptable interference with a public safety agency's communications equipment.
 - 2) Unacceptable interference will be determined by and measured in accordance with industry standards and the FCC's regulations addressing unacceptable interference to public safety spectrum or any other spectrum licensed by a public safety agency.
 - 3) If a small wireless facility causes such interference, and the wireless provider has been given written notice of the interference by the public safety agency, the wireless provider, at its own expense, shall remedy the interference in a manner consistent with the abatement and resolution procedures for interference with

public safety spectrum established by the FCC including 47 CFR 22.970 through 47 CFR 22.973 and 47 CFR 90.672 through 47 CFR 90.675.

- 4) The City may terminate a permit for a small wireless facility based on such interference if the wireless provider is not in compliance with the Code of Federal Regulations cited in the previous paragraph. Failure to remedy the interference as required herein shall constitute a public nuisance.
- D. The wireless provider shall not collocate small wireless facilities on City utility poles that are part of an electric distribution or transmission system within the communication worker safety zone of the pole or the electric supply zone of the pole.

However, the antenna and support equipment of the small wireless facility may be located in the communications space on the City utility pole and on the top of the pole, if not otherwise unavailable, if the wireless provider complies with applicable codes for work involving the top of the pole.

For purposes of this subparagraph, the terms “communication space”, “communication worker safety zone”, and “electric supply zone” have the meanings given to those terms in the National Electrical Code as published by the Institute of Electrical and Electronics Engineers.

- E. The wireless supplier shall comply with all applicable codes and local code provisions or regulations that concern public safety.
- F. The wireless provider shall comply with written design standards that are generally applicable for decorative utility pole, or reasonable stealth, concealment and aesthetic requirements that are set forth in a City ordinance, written policy adopted by the City, a comprehensive plan or other written design plan that applies to other occupiers of the rights-of-way, including on a historic landmark, in a historic district or the Central Business District.
- G. **Alternate Placements.** Except as provided in this Collocation Requirements and Conditions Section, a wireless provider shall not be required to collocation small wireless facilities on any specific utility pole, or category of utility poles, or be required to collocate multiple antenna systems on a single utility pole. However, with respect to an application for the collocation of a small wireless facility associated with a new utility pole, the City may propose that the small wireless facility be collocated on an existing utility pole or existing wireless support structure within 100 feet of the proposed collocation, which the applicant shall accept if it has the right to use the alternate structure on reasonable terms and conditions, and the alternate location and structure does not impose technical limits or additional material costs as determined by the applicant.

If the applicant refuses a collocation proposed by the City, the applicant shall provide written certification describing the property rights, technical limits or material cost reasons the alternate location does not satisfy the criteria in this paragraph.

- H. Height Limitations.** The maximum height of a small wireless facility shall be no more than 10 feet above the utility pole or wireless support structure on which the small wireless facility is collocated.

New or replacement utility poles or wireless support structures on which small wireless facilities are collocated may not exceed the higher of:

- 1) 10 feet in height above the tallest existing utility pole, other than a utility pole supporting only wireless facilities, that is in place on the date the application is submitted to the City, that is located 300 feet of the new or replacement utility pole or wireless support structure and that is in the same right-of-way within the jurisdictional boundary of the City, provided the City may designate which intersecting right-of-way within 300 feet of the proposed utility pole or wireless support structure shall control the height limitation or such facility; or
- 2) 45 feet above ground level.

- I. Height Exceptions or Variances.** If an applicant proposes a height for a new or replacement pole in excess of the above height limitations on which the small wireless facility is proposed for collocation, the applicant shall apply for a variance in conformance with the procedures, terms and conditions set forth in Zoning Ordinance of the City of Decatur.

- J. Contractual Design Requirements.** The wireless provider shall comply with requirements that are imposed by a contract between the City and a private property owner that concern design or construction standards applicable to utility poles and ground-mounted equipment located in the right-of-way.

- K. Ground-Mounted Equipment Spacing.** The wireless provider shall comply with applicable spacing requirements in applicable codes and ordinances concerning the location of ground-mounted equipment located in the right-of-way if the requirements include a waiver, zoning or other process that addresses wireless provider requests for exception or variance and do not prohibit granting of such exceptions or variances.

- L. Undergrounding Regulations.** The wireless provider shall comply with local code provisions or regulations concerning undergrounding requirements that prohibit the installation of new or the modification of existing utility poles on a right-of-way without prior approval if the requirements include a waiver, zoning or other process

that addresses request to install such new utility poles or modify such existing utility poles and do not prohibit the replacement of utility poles.

M. Collocation Completion Deadline. Collocation for which a permit is granted shall be completed within 180 days after issuance of the permit, unless the City and the wireless provider agree to extend the period or a delay is caused by make-ready work for a municipal utility pole or by the lack of commercial power or backhaul availability at the site, provided the wireless provider has made a timely request within 60 days after issuance of the permit for commercial power or backhaul services, and the additional time to complete installation does not exceed 360 days after issuance of the permit. Otherwise, the permit shall be void unless the City grants an extension in writing to the applicant.

5. APPLICATION FEES. Application fees are imposed as follows.

- A.** Applicant shall pay an application fee of \$650 for an application to collocate a single small wireless facility on an existing utility pole or wireless support structure, and \$350 for each small cell wireless facility addressed in a consolidated application to collocate more than one small wireless facility on existing utility poles or wireless support structures.
- B.** Applicant shall pay an application fee of \$1,000 for each small wireless facility addressed in an application that includes the installation of a new utility pole for such collocation.
- C.** Notwithstanding any contrary provision of State law or local ordinance, applications pursuant to this Section shall be accompanied by the required application fee. Application fees shall be non-refundable.
- D.** The City shall not require an application, approval or permit, or require any fees other charges, from a communications service provider authorized to occupy the rights-of-way, for:
 - 1)** Routine maintenance.
 - 2)** The replacement of wireless facilities with wireless facilities that are substantially similar, the same size, or smaller if the wireless provider notifies the City at least 10 days prior to the planned replacement and includes equipment consistent with subsection d. under the Section titled Application Requirements; or

- 3) The installation, placement, maintenance, operation or replacement of micro wireless facilities suspended on cables that are strung between existing utility poles in compliance with applicable safety codes.
- 4) Wireless providers shall secure a permit from the City to work within rights-of-way for activities that affect traffic patterns or require lane closures.

6. EXCEPTIONS TO APPLICABILITY. Nothing in this Ordinance authorizes a person to collocate small wireless facilities on:

- A. Property owned by a private party or property owned or controlled by the City or another unit of local government that is not located within the rights-of-way, or a privately-owned utility pole or wireless support structure without the consent of the property owner;
- B. Property owned, leased, or controlled by a park district, forest preserve district, or conservation district for public park, recreation or conservation purposes without the consent of the affected district that are under the jurisdiction and control of a different unit of local government as provided by the Illinois Highway Code; or
- C. Property owned by a rail carrier registered under Section 18c-7201 of the Illinois Vehicle Code, Metra Commuter Rail or any other public commuter rail service, or an electric utility as defined in Section 16-102 of the Public Utilities Act, without the consent of the rail carrier, public commuter rail service, or electric utility. The provisions of this Ordinance do not apply to an electric or gas public utility or such utility's wireless facilities if the facilities are being used, developed and maintained consistent with the provisions of subsection (i) of Section 16-108.5 of the Public Utilities Act.

For the purpose of this subsection, "public utility" has the meaning given to that term in Section 3-105 of the Public Utilities Act. Nothing in this Ordinance shall be construed to relieve any person from any requirement (a) to obtain a franchise or State-issued authorization to offer cable service or video service or (b) to obtain any required permission to install, place, maintain, or operate communications facilities, other than small wireless facilities subject to this Ordinance.

7. PRE-EXISTING AGREEMENTS. Existing agreements between the City and the wireless providers that relate to collocation of small wireless facilities in the right-of-way, including the collocation of small wireless facilities on City utility poles, that are in effect on June 1, 2018, remain in effect for all small wireless facilities collocated on the City's utility poles pursuant to applications submitted to the City before June 1, 2018, subject to

applicable termination provisions contained therein. Agreements entered into after June 1, 2018, shall comply with this Ordinance.

A wireless provider that has an existing agreement with the City on the effective date of the Act may accept the rates, fees and terms that the City makes available under this Ordinance for the collocation of small wireless facilities or the installation of new utility poles for the collocation of small wireless facilities that are the subject of an application submitted two or more years after the effective date of the Act by notifying the City that it opts to accept such rates, fees and terms. The existing agreement remains in effect, subject to applicable termination provisions, for small wireless facilities the wireless provider has collocated on the City's utility poles pursuant to applications submitted to the City before the wireless provider provides such notice and exercises its option under this paragraph.

- 8. ANNUAL RECURRING RATE.** A wireless provider shall pay to the City an annual recurring rate to collocate a small wireless facility on a City utility pole located in a right-of-way that equals (a) \$200 per year or (b) the actual, direct and reasonable costs related to the wireless provider's use of space on the City utility pole.

If the City has not billed the wireless provider actual and direct costs, the rate shall be \$200 payable on the first day after the first anniversary of the issuance of the permit or notice of intent to collocate, and on each annual anniversary date thereafter.

- 9. ABANDONMENT.** A small wireless facility that is not operated for a continuous period of 12 months shall be considered abandoned. The owner of the facility shall remove the small wireless facility within 90 days after receipt of written notice from the City notifying the wireless provider of the abandonment.

The notice shall be sent by certified or registered mail, return receipt requested, by the City to the owner at the last known address of the wireless provider. If the small wireless facility is not removed within 90 days of such notice, the City may remove or cause the removal of such facility pursuant to the terms of its pole attachment agreement for municipal utility poles or through whatever actions are provided for abatement of nuisances or by other law for removal or cost recovery.

A wireless provider shall provide written notice to the City if it sells or transfers small wireless facilities within the jurisdiction of the City. Such notice shall include the name and contact information of the new wireless provider.

- 10. DISPUTE RESOLUTION.** The Circuit Court of Macon County shall have exclusive jurisdiction to resolve all disputes arising under the Small Wireless Facilities Deployment Act. Pending resolution of a dispute concerning rates for collocation of small wireless facilities on municipal utility poles within the right-of-way, the City shall allow the

collocating person to collocate on its poles at annual rates of no more than \$200 per year per municipal utility pole, with rates to be determined upon final resolution of the dispute.

11. INDEMNIFICATION. A wireless provider shall indemnify and hold the City harmless against any and all liability or loss from personal injury or property damage resulting from or arising out of, in whole or in part, the use or occupancy of the City improvements or right-of-way associated with such improvements by the wireless provider or its employees, agents, or contractors arising out of the rights and privileges granted under this Code and the Small Wireless Facilities Deployment Act, as amended. A wireless provider has no obligation to indemnify or hold harmless against any liabilities and losses as may be due to or caused by the sole negligence of the City or its employees or agents. A wireless provider shall further waive any claims that they may have against the City with respect to consequential, incidental, or special damages, however caused, based on the theory of liability.

12. INSURANCE. The wireless provider shall carry, at the wireless provider's own cost and expense, the following insurance:

A. Property insurance for its property's replacement cost against all risks;

B. Workers' compensation insurance, as required by law;

OR

C. Commercial general liability insurance with respect to its activities on the City improvements or rights-of-way to afford minimum protection against limits consistent with its requirements of other users of City improvements or rights-of-way, including coverage of bodily harm and property damage.

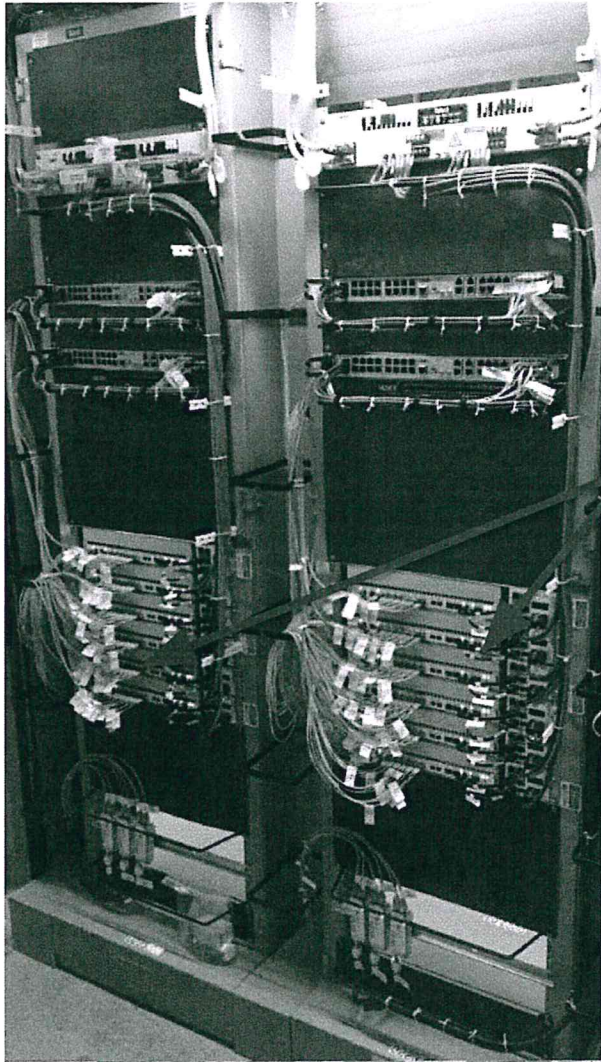
The wireless provider shall include the City as an additional insured on commercial general liability policy and provide certification and documentation of inclusion of the City in a commercial general liability policy prior to the collocation of any wireless facility.

A small wireless provider may self-insure all or portion of the insurance coverage and limit requirement required by the City. A wireless provider that self-insures is not required, to the extent of the self-insurance, to comply with the requirement for the name of additional insureds under this Section. A wireless provider that elects to self-insure shall provide to the City evidence sufficient to demonstrate its financial ability to self-insure the insurance coverage limits required by the City.

13. SEVERABILITY. If any provision of this Ordinance or application thereof to any person or circumstances is ruled unconstitutional or otherwise invalid, such invalidity shall not

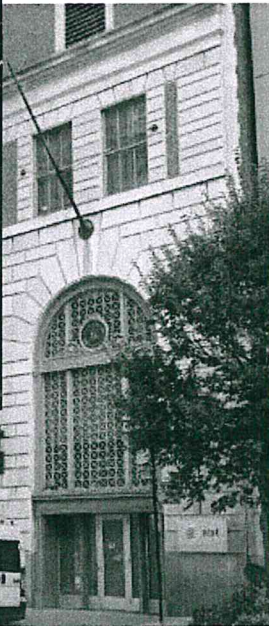
affect other provisions or applications of this Ordinance that can be given effect without the invalid application or provision, and each invalid provision or invalid application of this Ordinance is severable.

Typical Small Cell Design – Street Light



Radio in
Shroud

eNodeB (BBU)
located in Hub
up to 6 miles
of fiber



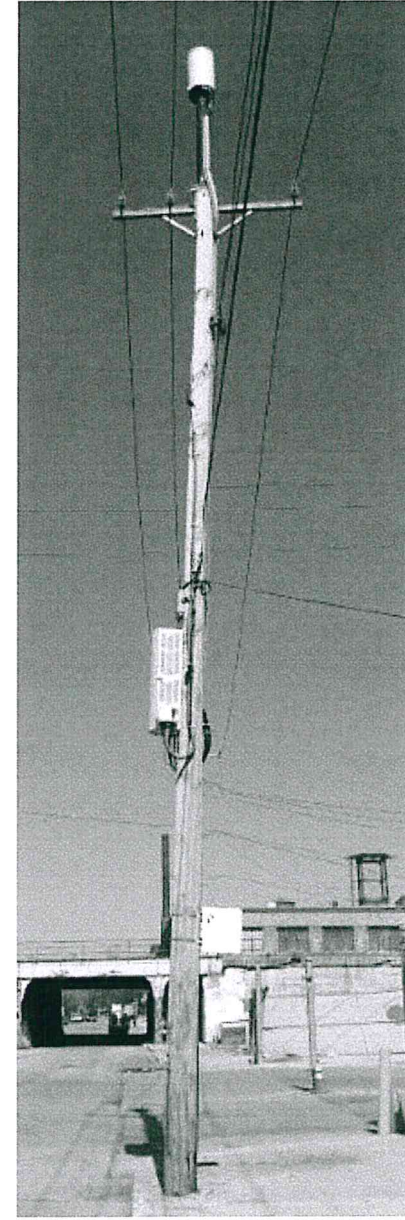
Antenna



Street Light Examples

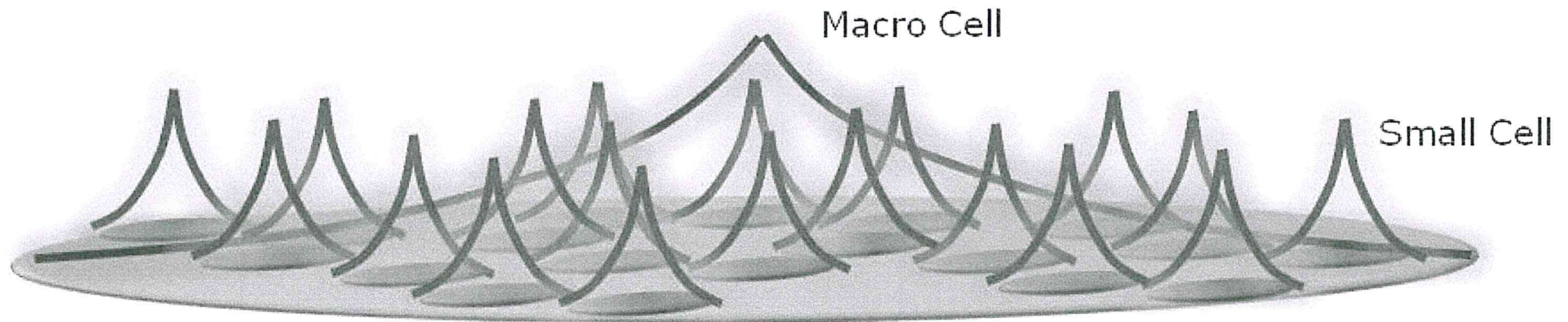


Utility Pole Examples



Small Cells Deployment

- Small Cells supplement the Macro Network
- Assist in providing service to Hot Spots where people congregate; shopping areas, medical facilities, sport venues, parks; etc.
- Improve service where signal is shadowed from structures.
- May increase speeds by having the antenna closer to the user handset.
- May defer macro expansions.



Implementation of Small Wireless Facilities Legislation

Senate Bill 1451 (P.A. 100-0585)

BY ILLINOIS MUNICIPAL LEAGUE LEGAL STAFF

Growing demand for improved wireless services has resulted in increasing requests nationwide and locally from the wireless industry to place small wireless facilities on municipally-owned structures. Small wireless facilities, or small cells, enable the transmission of data and wireless communications to and from a wireless device, such as a computer, cell phone or tablet. These small cells, antenna systems and other personal wireless telecommunication facilities could be attached on utility and street light poles or other structures in the public right-of-way in your community.

On April 12, 2018, Governor Bruce Rauner signed Senate Bill 1451 (Public Act 100-0585), the Small Wireless Facilities Deployment Act (Act), which provides the regulations and process for permitting and deploying small wireless facilities throughout Illinois. The Act specifies how local authorities may regulate the attachment of small wireless facilities on municipal utility poles or other structures.

While the Act largely preempts municipal authority, local governments still have some discretion in the regulation of small wireless facilities. The Act allows local authorities to require that wireless providers obtain one or more permits to attach small wireless facilities on municipal utility poles; charge application fees (up to specified amounts)

to wireless providers who apply for a permit; limit the maximum height of small wireless facilities; and allows agreements between local authorities and wireless providers that are in effect prior to the effective date of the Act to remain in effect for up to two years.

This Act went into effect on June 1, 2018. Municipalities have two months from the effective date to adopt application fees through an ordinance or a written schedule of permit fees.

Many municipalities throughout the state may already be receiving permit applications from telecommunications companies who are seeking to install small wireless facilities on municipal utility poles. Permit applications received prior to August 1, 2018 (two months after the effective date of the Act), would be acknowledged as received on the effective date of an ordinance adopted by a municipality or August 1, 2018, whichever date is earlier.

According to the Act, in the absence of an ordinance or agreement that makes available to wireless providers the rates, fees and terms for the attachment of small wireless facilities on municipal utility poles, wireless providers may attach small wireless facilities and install utility poles under the requirements of the Act on their own accord.

Consequently, it is essential that municipalities provide for the regulation of small wireless facilities through an ordinance or a written schedule of permit fees.

The Act only requires that requests to locate on municipal property outside of the right-of-way be granted in a competitively neutral and non-discriminatory manner. If a municipality does not presently allow telecommunication carriers access to municipal property outside of the right-of-way, it need not do so.

To aid municipalities in the implementation of this Act, the Illinois Municipal League (IML), with the help of select IML committees and other stakeholders, developed a Model Small Wireless Facilities Deployment Ordinance, a Model Master Pole Attachment Agreement and a Model Small Wireless Facilities Permit Application. IML also drafted a model press release to assist municipal officials in explaining the infrastructure that may generate questions from members of the community.

On June 1, 2018, IML emailed these documents to city mayors, town and village presidents, clerks, managers, retained attorneys and corporation counsel. These documents can also be found on the IML website at legal.iml.org. Municipal officials should review these documents with retained legal counsel or other qualified attorney prior to the adoption of an ordinance regulating small wireless facilities.

If a municipality has already adopted the prior IML Small Cell Antenna/Tower Right-of-Way Siting Ordinance, the municipality should leave that ordinance in effect to support any existing installations, and adopt the most recent Model Small Wireless Facilities Deployment Ordinance for permit applications received after June 1, 2018. As to a prior ordinance establishing standards for the construction of facilities on the rights-of-way, municipal officials should thoroughly review the ordinance with retained legal counsel or other qualified attorney and amend as necessary to ensure compliance with the Act.

Please contact Amelia Finch, IML Assistant Counsel, if you have any questions. She can be reached by email at afinch@iml.org, or by phone at (217) 525-1220.



NOTE: For purposes of this calendar, it is assumed the fiscal year begins May 1, as it does in most municipalities. Some municipalities, however, may have adopted a date different from May 1 for the beginning of their fiscal year. (65 ILCS 5/1-1-2(5).) If so, this calendar must be adjusted to reflect that specific fiscal year.

The annual appropriation ordinance must be passed during the first quarter of the fiscal year in municipalities with populations of less than 500,000. (65 ILCS 5/8-2-9.)

A quarterly statement of the inspectors of the house of corrections must be submitted to the comptroller who then submits the statement to the corporate authorities for approval. (65 ILCS 5/11-4-5.)

On July 1, the annual report of the inspector of weights and measures in municipalities with a population of 25,000 or more is to be made to the Director of Agriculture. (225 ILCS 470/19.)

On or before the first day of August, a report of delinquent special assessments and special taxes is to be made by the collector. (65 ILCS 5/9-2-82.)

Those persons or entities required to file a report under the Lobbyist Registration Act must do so by July 31. Thirty days after filing in accordance with the Lobbyist Registration Act, the lobbyist shall notify each official on whose behalf an expenditure has been made. Notification shall include the name of the registrant, the total amount of the expenditure, the date on which the expenditure occurred and the subject matter of the lobbying activity. (25 ILCS 170/6.) Individuals required to register must provide a copy of the report to each official listed in the report at least 25 days before the deadline for filing (July 31). (25 ILCS 170/6.5.)

On or before March 1 with regard to data collected during July through December of the previous calendar year and by August 1 with regard to data collected during January through June of each calendar year, every law enforcement agency is required to submit racial profiling information and other data required to be collected from traffic stops to the Illinois Department of Transportation. (625 ILCS 5/11-212(d).)

Information Technology

DATE: 7/16/2018

MEMO: Information Technology Department 2018-06

TO: Honorable Mayor Julie Moore Wolfe and City Council

FROM: Tim Gleason, City Manager
James Edwards, Director Information Technology Department

SUBJECT: Authorization for Mayor to enter into an Indefeasible Right of Use (IRU) Agreement and associated Sales Order with Millikin University to obtain Dark Fiber from the City of Decatur Fiber Network.

SUMMARY RECOMMENDATION: Staff recommends that City Council approve the attached resolution, authorizing the Mayor to execute a twenty-year Indefeasible Right of Use Agreement and associated Sales Order with Millikin University to provide twelve strands of City Dark Fiber between Millikin University and Richland Community College.

BACKGROUND:

The City is extending its citywide fiber network to provide high speed computer connectivity options for entities in the northwest quadrant of Decatur as well as high speed computer connectivity requested by Millikin University between their facility and Richland Community College's Illinois Century Network communications closet. This provides an extraordinary opportunity to expand the City's ability to partner with other government agencies and not for profits to share City fiber resources at a favorable cost along that route. The fiber route to Millikin was specifically chosen by the City so it could be leveraged as an economic development tool with the possibility of spurring private investment in the areas surrounding the fiber.

This IRU Agreement gives Millikin University the right to use twelve strands of City Fiber between Millikin University and Richland Community College for an initial term of twenty years. The IRU Agreement further demands up-front payment for the right to use these dark fibers in addition to a monthly fiber maintenance fee to be pre-paid for ten years. Millikin is paying to use the City fiber only, no electronics to light the fiber is provided in this agreement.

Underground fiber construction is required to fulfill this IRU Agreement. The State of Illinois Department of

Innovation and Technology has been engaged to manage this project just as they did with the City Richland Community College connection. The engineering cost estimate to complete this construction is \$250,000.

POTENTIAL OBJECTIONS: None Anticipated

INPUT FROM OTHER SOURCES: State of Illinois Department of Innovation and Technology

STAFF REFERENCE: Jim Edwards, IT Director, 450-2236

BUDGET/TIME IMPLICATIONS: Revenue from Millikin demanded by this IRU Agreement is a one-time up-front payment to the City of \$125,174.40. The balance of this project's cost will be paid using 2018/2019 fiber revenues and other funding.

ATTACHMENTS:

Description	Type
Resolution Letter	Resolution Letter
Millikin IRU Agreement	Backup Material
Millikin IRU Sales Order	Backup Material

RESOLUTION NO. R_____

**RESOLUTION AUTHORIZING AN INDEFEASIBLE RIGHT OF USE
AGREEMENT AND ASSOCIATED SALES ORDER WITH MILLIKIN
UNIVERSITY TO OBTAIN DARK FIBER FROM THE CITY OF
DECATUR FIBER NETWORK**

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

Section 1. That the Indefeasible Right of Use Agreement presented herewith to the City Council between the City of Decatur, Illinois and Millikin University, be, and the same is hereby, received, placed on file and approved.

Section 2. That the Mayor be, and hereby, authorized to sign said agreement in substantially the same form as presented, on behalf of the City of Decatur, Illinois.

PRESENTED and ADOPTED this 16th day of July 2018.

JULIE MOORE WOLFE, MAYOR

ATTEST:

DEBRA G. BRIGHT, CITY CLERK

INDEFEASIBLE RIGHT OF USE AGREEMENT

CITY OF DECATUR, AN ILLINOIS MUNICIPALITY

AND

MILLIKIN UNIVERSITY

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AGREEMENT FOR INDEFEASIBLE RIGHT OF USE (IRU) OF FIBER

THIS IRU AGREEMENT ("Agreement") is made and entered into as of _____, 2018 ("Effective Date"), by and between the City of Decatur, an Illinois Municipal Corporation ("CITY"), and Millikin University ("Customer").

RECITALS

WHEREFORE, CITY, owns, manages and maintains a fiber network, which is a high-speed telecommunications network that provides reliable communication links to and among Decatur schools, institutions of higher education, libraries, museums, research institutions, State agencies, units of local government, and other local entities who provide service to residents of the CITY; and,

WHEREFORE, CITY is building a fiber optic communication network throughout Decatur for use by the CITY and other interested third parties by extending its current system to other parts of the community to provide services to interested parties, to serve as a community development tool and to eventually provide redundancy in the current system. ("Fiber System"); and,

WHEREFORE, Customer desires to obtain from CITY rights to optical fiber strands as described in Exhibit A (attached hereto and incorporated by reference) in the Fiber System on the terms and conditions set forth below.

NOW THEREFORE, in consideration of the mutual promises set forth in this Agreement, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereby agree as follows:

ARTICLE 1

DEFINITIONS

Definitions. The following definitions shall apply to this Agreement.

"Affiliate" For the purpose of this Agreement, the term Affiliate when used herein shall mean and include all of the officers, directors, employees and agents of the CITY.

"Anticipated Completion Date" means, subject to Events of Force Majeure and any other extensions of time provided for in this Agreement, the dates set forth in Exhibit A (attached hereto and incorporated by reference).

"Associated Property" means, the tangible and intangible property necessary for the use of the Dark Fiber (fiber without light) for the purposes described in this Agreement, including but not limited to the associated conduit. "Associated Property" does not include electronic, optronic, optical or other necessary equipment.

“Cable” means the fiber optic cable and the fibers contained therein, including the Dark Fiber, and associated splicing connections, splice boxes, and vaults to be installed by the CITY contractor as part of the Fiber System.

“Costs” means actual, direct costs paid or payable in accordance with U.S. generally accepted accounting principles consistently applied and which the CITY (or Customer, for purposes of Section 10.4) utilizes in billing third parties for reimbursable projects, including without limitation the following: (i) internal labor costs, including wages, salaries and benefits, and (ii) other direct costs and out-of-pocket expenses on a pass-through basis (e.g., equipment, materials, supplies, contract services, etc.).

“Customer POP” means a point of presence or terminal facility to which Customer has rights in and to, along the Dark Fiber route.

“Dark Fiber” means fiber without electronics at the end points to produce and receive light in the fiber.

“Dollars” or “\$” means U.S. dollars.

“Events of Force Majeure” For the purpose of this Agreement, “Events of Force Majeure” means neither Party shall be in default under this Agreement if and to the extent that any failure or delay in such Party’s performance of one or more of its obligations hereunder is caused by any Events of Force Majeure and such Party’s performance of such obligation or obligations shall be excused and extended for and during the period of any such delay: Act of God; fire; flood; fiber, Cable, or other material failures, shortages or unavailability or other delay in delivery not resulting from the responsible Party’s failure to timely place orders therefore; lack of or delay in transportation; government codes, ordinances, laws, rules, regulations or restrictions; war or civil disorder; strikes or other labor disputes; or inability to gain access to the Fiber System; or any other cause beyond the reasonable control of such Party.

“Impositions” means all taxes, fees, assessment levies, imposts, duties, charges or withholdings of any nature (including, without limitation, ad valorem, real property, gross receipts, franchise, license and permit fees), together with any penalties, fines or interest thereon arising out of the transactions contemplated by this Agreement and/or imposed upon the Fiber System, or any part thereof, by any federal, state or local government or other public taxing authority, including Access Fees.

“Interconnection Point” means a location along the fiber path where there is a hand hole but no splice case.

“Interest Rate” means the lower of (i) the highest rate permitted by law, or (ii) one and one-half percent (1.5%) per month, compounded monthly (equal to approximately 19.56% per year).

“Maintenance Window” or “MW” means a prearranged period of time reserved for performing certain work on the Fiber System that may potentially impact traffic. Generally, this will be restricted to weekends, avoiding the first and last weekend of each month and high-traffic weekends.

“Party” or “Parties” shall mean City and Customer.

“Person” means any individual, corporation, partnership, Limited Liability Company, joint venture, trust, unincorporated organization, government or any agency or political subdivision thereof or any other entity.

“Proportionate Share” means, with respect to Customer, CITY, or any other Person that is an interest holder, and for each segment, the Costs shall be shared as follows: (a) if the affected segment includes any conduit housing the Dark Fiber, the Pro Rata Share of Costs shall be allocated equally among all of the affected conduits and (b) the Costs related to the conduit carrying the Dark Fiber plus Costs specifically related to fibers optic strands within such conduit, shall be allocated between Customer and the CITY and other Persons that are interest holders based on the ratio to which the number of Dark Fiber bears to the total number of fiber optic strands in such conduit. If this fraction varies over portions of a particular segment, then the Pro Rata Share shall be equal to the weighted average (weighted by length as set forth in the CITY’s As-Built Drawings) of such relevant portions. For example, if the fraction for 100 feet of the affected segment is 0.1 and the fraction for the remaining 50 feet of the affected segment is 0.07, the weighted average for the entire segment would be 0.09.

“Splice Point” means a location along the fiber path where there is a handhold and a splice case.

ARTICLE 2

FIBER SYSTEM

The CITY Fiber System will generally connect the “A” and “Z” endpoints identified in Exhibit A. (attached hereto and incorporated by reference). The route between each set of end points is hereafter referred to as a “Segment”. CITY shall use commercially reasonable efforts to complete and test the dark fiber and provide a Completion Notice to Customer on or before the Completion Date of _____ set forth in Exhibit A.

ARTICLE 3

RIGHTS IN THE FIBER SYSTEM

3.1 As of the Effective Date, CITY shall grant to Customer and Customer shall receive from CITY (a) an exclusive indefeasible right of use of dark fibers set forth in Exhibit A that will be specifically identified by CITY in the Cable (“Dark Fiber”), and (b) the associated and non-exclusive indefeasible right to use the Associated Property, all such rights upon and subject to the terms and conditions set forth in this Agreement (collectively, the “IRU”).

3.2 The IRU does not include the right of Customer to own, control, maintain, modify or revise the Dark Fiber or any Associated Property in CITY facilities, the right of physical access to the Fiber System, the right to encumber the Fiber System in any manner, or the right to use any other portion of the Fiber System, except as expressly set forth herein.

3.3 CITY shall retain legal title in the fiber assets throughout the duration of the IRU, and nothing in this agreement shall convey any legal title to real or personal property, nor shall it

create any security interest in said property. CITY represents, warrants and agrees that, for all purposes, including, without limitation, for purposes of Section 541(d) of the Bankruptcy Code, with the granting of the Dark Fiber IRU hereby, CITY transfers its equitable interest in the Dark Fiber to Customer for the Term and retains any legal title.

3.4 Except for the provisions set forth in Article 21, Customer has the right to use the fiber set forth in this Agreement as they see fit.

ARTICLE 4

PAYMENT

4.1 In consideration of this agreement for the CITY to grant this IRU to Customer, Customer agrees to pay to CITY a non-recurring fee for each Segment as set forth in Exhibit A ("IRU Fee"). The IRU Fee is due and payable on the execution date of this agreement.

4.2 Also in consideration of this agreement, for the CITY to grant this IRU to Customer, Customer agrees to pay to CITY a recurring maintenance fee for 10 years in advance for each fiber mile as set forth in Exhibit A.

4.3 Total prepayment amount for this IRU agreement is set forth in Exhibit A. This advance payment is due upon the execution of this agreement and signed by both parties.

4.4 In addition to the amounts payable under Sections 4.3, Customer shall pay directly or reimburse CITY for all other sums, costs, fees and expenses incurred to complete any additional work requested in writing by Customer related to this Agreement including, but not limited to, hand hole placement, conduit work, or splicing. For any such additional work, CITY will propose the scope of work and cost to the Customer and mutually work with the Customer on the final design and cost of such work.

4.5 If Customer fails to make any payment under this Agreement when due, then, in addition to such sum and to any other rights and remedies that CITY may have, Customer shall pay Interest on such unpaid amount at the Interest Rate defined in Exhibit A. Customer's obligation to pay any amounts under this Agreement shall not be subject to any rights of set-off, counterclaim, deduction, defense or other right that Customer may have against CITY or any other Person.

ARTICLE 5

CONFIGURATION OF THE FIBER SYSTEM

5.1 CITY shall have full and complete control and responsibility for determining any routing configurations of the Fiber System. CITY may route the Dark Fiber through any CITY facility in its reasonable discretion. Each Party shall have full and complete control and responsibility for determining network and service configurations or designs, re-grooming, rearrangement or consolidation of channels or circuits and all related functions with regard to the use of that Party's fiber.

5.2 Customer specifically acknowledges that Customer is responsible for all engineering, design and construction work on the Customer side of each Connecting Point, in addition to securing its own rights and related costs to access, occupy, and conduct typical broadband operations up to the Connecting Point (which may include, but not be limited to, construction permits and right away rights). Collectively, these Customer responsibilities are defined as "Customer Requirements". CITY acknowledges the Customer Requirements, and Customer will work diligently to finalize such considerations in order for CITY to complete its work by the Anticipated Completion Date. Customer acknowledges that any delay in Customer completing/providing Customer Requirements may delay CITY from completing work at any Connecting Point. In the event that Customer has not completed/provided the Customer Requirements by an agreed-upon date in order to allow CITY to complete work at any Connecting Point (including Fiber Acceptance Testing (see Article 6)) on or before the Anticipated Completion Date, then CITY may continue with the acceptance procedures to the extent possible and invoice for the services under this Agreement as if all locations were completed by the Anticipated Completion Date, provided that the CITY Fiber System at the Connecting Point meets Fiber Acceptance Testing procedures upon Customer's completion of the Customer Requirements. Upon receipt of said invoice, Customer shall remit payment for the services performed herein and in accordance with the terms of this Agreement.

5.3 Customer acknowledges and agrees that CITY is not supplying nor is CITY obligated to supply to Customer any optronics or electronics or optical or electrical equipment or other facilities, all of which are solely the responsibility of Customer, nor is CITY responsible for performing any work other than as specified in this Agreement.

ARTICLE 6

ACCEPTANCE AND TESTING OF DARK FIBERS

6.1 Dark fiber specifications set forth in Exhibit B (attached hereto and incorporated as reference) define acceptable Dark Fiber specifications within the CITY Fiber network.

6.2 Customer will be notified on or before the Anticipated Completion Date in Exhibit A by email when the fiber contracted for in this agreement is tested and ready to use, "Fiber Ready" date. Within 90 days of the Fiber Ready date of this agreement, Customer shall provide CITY with a written and or electronic notice accepting the Dark Fiber by signing the notice referenced in Exhibit E (attached hereto and incorporated by reference) or rejecting the Dark Fiber by specifying in writing the defect or failure in the Fiber Acceptance Testing. If Customer fails to notify CITY of Dark Fiber acceptance or rejection within 90 days following the Fiber Ready date of this Agreement, Customer shall be deemed to have accepted such Dark Fiber. The date of such notice of acceptance or deemed acceptance of the Dark Fiber shall be the "Acceptance Date." In the event of any good faith rejection by Customer, CITY shall take action as necessary, and as expeditiously as practicable, to correct or cure such defect or failure in accordance with Fiber Acceptance Testing. The foregoing procedure shall apply again and successively thereafter until CITY has remedied all defects or failures. The foregoing notwithstanding, if Customer uses the Dark Fiber other than for testing prior to acceptance, such use shall constitute acceptance of the Dark Fiber and the first date of such use shall be the Acceptance Date.

6.3 If Customer rejects the Dark Fiber even though CITY reasonably believes the test results conform to the specifications set forth in Exhibit B, the Parties shall work together to do cooperative testing, sharing the cost equally, to determine whether the test results conform to specifications. In the event the cooperative testing continues to demonstrate that the Dark Fiber conforms to the specifications in Exhibit B, and Customer continues to reject the Dark Fibers for forty-five (45) days after CITY made conforming Dark Fibers available to Customer, this Agreement shall automatically terminate and CITY shall retain 50% of the IRU Fee as a penalty for early termination. The other 50% of the IRU Fee in addition to any prepaid maintenance fees collected when the Agreement was executed will be refunded to the Customer.

ARTICLE 7

DOCUMENTATION

Within ninety (90) days of the date of a Completion Notice, CITY shall provide a route map to Customer in electronic format. At a minimum, the maps will show demarcation points, route, and existing splice locations. CITY shall provide updated maps to Customer upon request, not to exceed two times in any 12-month period.

ARTICLE 8

TERM OF IRU

8.1 The IRU shall be granted and become effective when the Acceptance Date has occurred ("IRU Effective Date") and, subject to Section 8.2 and Articles 11, 19, 20, the IRU shall extend for a period of twenty (20) years thereafter ("Term").

8.2 Upon the expiration of the Term all rights to the use of the Dark Fiber and any related rights granted hereunder, shall revert to CITY without reimbursement of any of the IRU Fee or other amounts previously paid, or required to be paid, by Customer hereunder, and Customer shall have no further right hereunder to use the Dark Fiber or any related Associated Property or CITY facilities. Upon written request from the Customer and at least 30 days prior to the expiration of the Term, the CITY will extend this IRU in 5-year increments for no additional IRU Fee as long as the fiber maintenance defined in Sections 4.2 and 4.3 is paid and current.

ARTICLE 9

INTERCONNECTION WITH THE FIBER SYSTEM

9.1 The Customer shall pay for interconnection of its communications system with the Dark Fiber at the connecting points identified in Exhibit A. All interconnections of the Dark Fiber and all other work with respect to the Fiber System shall be performed by an approved CITY fiber contractor. It is the responsibility of the Customer to obtain all governmental and other approvals and consents necessary with respect to work being completed at the Connecting Points.

9.2 Interconnections at points other than the Connecting Points are prohibited without CITY'S written approval. The CITY may grant or withhold such approval in its sole and absolute discretion. Customer and CITY shall mutually configure the scope of work. Customer shall be responsible for the costs of any such additional interconnections.

9.3 Customer understands that work requested under this Article 9 may cause the CITY to incur additional obligations with third parties ("Third Party Obligations"). Customer hereby agrees to pay or reimburse CITY for any fees associated with such Third-Party Obligations, provided that CITY will inform Customer of these additional obligations in writing prior to incurring them, and Customer may then choose whether to request performance of the work.

ARTICLE 10

MAINTENANCE AND REPAIR OF THE FIBER SYSTEM

10.1 From and after the IRU Effective Date, the maintenance of the Fiber System shall be provided in accordance with the CITY standard maintenance specifications and procedures set forth in Exhibit D (attached hereto and incorporated by reference). Customer agrees to pay CITY for Fiber Maintenance in accordance with the provisions set forth in Exhibit A. CITY reserves the right to increase the Fiber Maintenance Fee specified in Exhibit A on January 1 following the first ten (10) years of prepaid fiber maintenance by an amount equal to the successor index published by the United States Department of Labor & Bureau of Labor Statistics for the prior ten-year period ("CPI Adjustment"). On January 1 following the 11th year from and after the IRU Effective Date and every year thereafter, the annual fiber maintenance fee will be adjusted by an amount equal to the increase or decrease in the Consumer Price Index published by the United States Department of Labor & Bureau of Labor Statistics.

10.2 From and after the IRU Effective Date, in the event that all or any part of the Fiber System within such Segment is damaged or destroyed such that a Service Affecting Condition exists on the Dark Fiber, CITY shall resolve such Service Affecting Condition utilizing its standard procedures set forth in Exhibit D. Notwithstanding anything contained herein to the contrary, CITY shall not incur any liability to Customer by reason of a Service Affecting Condition, except its obligation to resolve such Service Affecting Condition as set forth in this Section, and Customer shall not be entitled to any credits for IRU Fees or any other payment paid or to be paid by the Customer pursuant to this Agreement by reason of such Service Affecting Condition. For purposes of this Section, "Service Affecting Condition" shall mean any condition that causes loss of traffic to Customer, except where the condition is caused by a deficiency in Customer's electronics or other equipment.

10.3 The maintenance services to be provided by CITY include non-routine maintenance and repair of the Fiber System in response to an actual or potential failure, interruption or impairment in the operation of the Fiber System like; any request by a third party to relocate a portion of the fiber, or any act of God like sink holes involving the segment of the Fiber System where the Customer is part owner. ("Unscheduled Maintenance"). Any Unscheduled Maintenance Costs found to be the responsibility of the fiber owners will be allocated among the various owners and other interest holders in the affected portion of the Fiber System, including Customer. Customer will be responsible for its Proportionate Share of any such Unscheduled Maintenance Costs, which will be invoiced by CITY to Customer. In this agreement

the proportionate Share to the Customer is equal to one (1) twelfth (12th) of the total of the Unscheduled Maintenance Costs for this segment.

10.4 Customer shall have no right to physically access the Fiber System or maintain, adjust, align or attempt to repair the Dark Fiber. Notwithstanding the foregoing, this provision shall not limit CITY'S ability or right to pursue a claim for damages to equipment or facilities proximately caused by Customer and in no event shall this provision authorize Customer to access a Fiber System manhole, hand hole or other element of the Fiber System.

10.5 Unless otherwise agreed to in writing by the Parties, nothing in this Agreement shall obligate CITY to maintain Customer's optronic, electrical, optical or other equipment, all of which are the obligation and responsibility of Customer.

10.6 Neither Party shall adjust, remove, relocate, align or attempt to repair the other Party's equipment except as expressly authorized in advance in writing by the other Party. Each Party will be liable for any loss or damage to the other Party's equipment arising from that party's negligence, intentional act, unauthorized maintenance.

ARTICLE 11

PERMITS; RELOCATION

11.1 Subject to the terms and provisions of this Agreement, CITY shall use commercially reasonable efforts to obtain and maintain during the Term, certain rights of way and other agreements which are necessary for the use of the Fiber System by the CITY in accordance with this Agreement.

11.2 If, after the Acceptance Date with respect to any Segment, CITY is required (i) by a third party with legal authority to so require or (ii) by an act of nature (including, without limitation, erosion, earthquakes, flood, sinkhole, etc.), (iii) or if Customer requests, to relocate any portion of the Fiber System, with respect to such Segment, including any of the facilities used or required in providing the IRU, CITY shall proceed with such relocation, including without limitation, the right, in good faith, to reasonably determine the extent of, the timing of, and methods to be used for such relocation; provided that any such relocation shall incorporate fibers meeting or exceeding the specifications of the Dark Fiber. In the event of any such relocation, CITY shall use commercially reasonable efforts to minimize any service interruptions.

11.3 CITY shall notify Customer in writing of Customer's Proportionate Share of the Costs of relocation. If Customer consents to the relocation, then Customer shall be responsible for its Proportionate Share of the Costs of relocation, which will be invoiced to Customer by CITY. If Customer does not consent, then it shall terminate this Agreement with respect to the Dark Fiber that requires relocation, and Customer shall have no further payment obligations with respect to it effective 30 days after Customer provides CITY notice.

ARTICLE 12

OPERATION AND USE OF THE FIBER SYSTEM

12.1 Customer represents, warrants and covenants that it will use the Dark Fiber in compliance with and subject to all applicable government codes, ordinances, laws, rules and regulations. Notwithstanding anything to the contrary contained herein, Customer shall secure, prior to the IRU Effective Date with respect to each Segment and maintain in full force and effect during the Term, any and all necessary approvals, consents, rights of way, permits, franchises, licenses or similar approvals from all governmental and other authorities which are necessary or required to be obtained by Customer for the CITY to grant the IRU to Customer and for the use and operation of the Dark Fiber by Customer.

12.2 Subject to the limitations set forth in this Agreement, Customer may use the Dark Fiber for lawful broadband purposes including, but not limited to voice, data and video transmission services. Customer agrees and acknowledges that it has no right to use any of the fibers that are part of the Fiber System, other than the Dark Fiber secured by this IRU. Customer shall keep any and all of the Fiber System free from any liens, rights or claims of any third party attributable to Customer.

12.3 Customer and CITY shall promptly notify each other of any matters pertaining to, or the occurrence (or impending occurrence) of, any event which would be reasonably likely to give rise to any damage or impending damage to or loss of the Fiber System, or traffic thereon, that are known to such Party. Customer and CITY each agree to cooperate with and support the other in complying with any requirements applicable to their respective rights and obligations hereunder.

12.4 Customer shall not use its broadband systems in a way that interferes in any way with or adversely affects the use of the fibers or cable of any other person using the Fiber System. Customer acknowledges that the Fiber System includes or will include other participants, including the CITY and other owners and users of broadband systems.

12.5 If Customer elects to abandon use of the Dark Fiber after the first 20-year term of this agreement, it shall notify CITY in writing of the effective date of the abandonment. After the date of abandonment, Customer's liability for Maintenance Fees with respect to the abandoned route miles will end ninety (90) days from the date that Customer delivers written notice of abandonment to CITY. Subject to Article 19.2, Customer will not be entitled to a refund of the IRU Fee or any prepaid fiber maintenance if Customer elects to abandon it before the initial 10 year period is exhausted. Customer will remain liable for all fees associated with returning Dark Fiber to its initial state, as it was prior to Customer interconnections and prior to customer purchase of Dark Fiber.

ARTICLE 13

INDEMNITY

Customer shall indemnify and hold harmless the CITY, its Affiliates, and all officers, directors, employees, stockholders, partners and agents of the CITY and its Affiliates

"Indemnified Parties") from and against any and all claims, demands, costs, damages, losses, liabilities, joint and/or several, expenses of any nature including reasonable attorneys', accountants', and experts' fees and disbursements, and judgments, fines, settlements and other amounts ("Damages") arising from any and all civil, criminal, administrative or investigative claims, demands, actions, suits or proceedings ("Claims") relating to or arising out of:

- (a) Any failure of Customer to observe or perform the terms and provisions of this Agreement;
- (b) Any failure of any representation or warranty made by Customer herein to be true in any material respect as of the date made or deemed made;
- (c) Any Claim of any third party resulting from the negligence or willful misconduct of Customer; and
- (d) Any Claim of any customer of Customer.

The Indemnified Parties shall promptly notify Customer of the nature and amount of such Claim and the method and means proposed by the Indemnified Parties for defending or satisfying such claim. The Indemnified Parties shall consult with the Customer respecting the defense and satisfaction of such claim, including the selection of and direction to legal counsel, and the Indemnified Parties shall not pay or settle any such claim without the prior written consent of the Customer, which consent shall not be unreasonably withheld. Nothing herein contained shall be construed as prohibiting the Indemnified Parties from retaining their own legal counsel and defending any actions or suits brought against them and, in such event, the Indemnified Parties shall be liable for all costs and fees incurred solely in the defense of any such claim, demand or suit. The Indemnified Parties will coordinate any defense with Customer.

ARTICLE 14

LIMITATION OF LIABILITY

CITY'S LIABILITY HEREUNDER SHALL NOT EXCEED THE UNUSED PORTION OF THE IRU FEE AND UNUSED PORTION OF FIBER MAINTENANCE FEES, IF ANY, BASED ON THE TIME PERIOD REMAINING IN THE TERM OR ANY RENEWAL TERM WHEN THE EVENT GIVING RISE TO LIABILITY OCCURS. NOTWITHSTANDING ANYTHING CONTAINED IN THIS AGREEMENT TO THE CONTRARY, NO PARTY HERETO SHALL BE LIABLE TO THE OTHER PARTY FOR INDIRECT SPECIAL, CONSEQUENTIAL, EXEMPLARY OR PUNITIVE DAMAGES RESULTING FROM A PARTY'S PERFORMANCE OR FAILURE TO PERFORM ANY TERM OR PROVISION OF THIS AGREEMENT, REGARDLESS OF WHETHER SUCH CLAIM IS MADE UNDER THEORIES OF CONTRACT OR THEORIES OF TORT (INCLUDING STRICT LIABILITY).

ARTICLE 15

INSURANCE

15.1 Following the Acceptance Date, Customer is required to provide a minimum limit of \$1,000,000 for General Liability insurance coverage. This will provide coverage for any property damage or bodily injury as a result of work related to the fiber provided to customer in this Agreement.

15.2 Customer is also required to name the City of Decatur as additional insured on the policy. The policy will need to remain in effect as long as the Customer utilizes the fiber optic strands outlined by this contract.

ARTICLE 16

TAXES, FEES AND OTHER IMPOSITIONS

16.1 The parties acknowledge and agree that it is their mutual objective and intent to (a) minimize the aggregate Impositions payable with respect to the Fiber System, and (b) share such Impositions according to their respective interests in the Fiber System. They agree to cooperate with each other and coordinate their efforts to achieve such objectives in accordance with the provisions of this Article.

16.2 CITY shall be responsible for and shall timely pay any and all Impositions imposed or assessed prior to the Acceptance Date.

16.3 Following the first Acceptance Date, Customer shall be responsible for and shall pay (a) all Impositions imposed on, based on, or otherwise measured by the gross receipts, gross income, net receipts or net income received by or accrued to Customer with respect to the use of the Dark Fiber; or (b) all Impositions which have been separately assessed, allocated to, or imposed on the Dark Fiber including, but not limited to ad valorem property taxes and the Third-Party Obligations. If the Dark Fiber is the only fiber located in a Cable from the point where the Cable leaves the Fiber System right-of-way to a Customer POP, Customer shall be solely responsible for any and all Impositions imposed on or with respect to such portion of the Fiber System. To the extent such Impositions are not separately assessed, allocated to or imposed on the Dark Fiber, CITY will pay, or request concurrent payment by CITY and Customer of, all such Impositions. CITY shall notify Customer of such Imposition, and Customer shall promptly reimburse CITY for (or pay concurrently) Customer's share of all such Impositions, which shall be determined as follows:

- (a) To the extent that such Impositions are calculated based on the revenue, projected revenue, receipts, income or profits of Customer or its Affiliates, Customer will be responsible for the portion of the amount of such Impositions as is calculated based on the revenue, projected revenue, receipts, income or profits of Customer or its Affiliates;
- (b) To the extent that such Impositions are calculated based on the revenue, projected revenue, receipts, income or profits of CITY or its Affiliates, CITY will be responsible for the portion of the amount of such Impositions as is calculated

based on the revenue, projected revenue, receipts, income or profits of CITY or its Affiliates;

- (c) Otherwise, Customer will be responsible for its Proportionate Share of the Impositions and CITY will be responsible for its Proportionate Share of the Impositions.

16.4 CITY shall have the right to contest any Imposition (including by nonpayment of such Imposition). The out-of-pocket costs and expenses incurred by CITY in any such contest shall be shared by CITY and Customer in the same proportion as to which the parties would have shared in such Impositions as they were assessed. Any refunds or credits resulting from a contest brought pursuant to this Section 16.4 shall be divided between CITY and Customer in the same proportion as separately determined or as originally assessed. In any such event, CITY shall provide timely notice of such challenge to Customer.

16.5 CITY and Customer agree to cooperate fully in the preparation of any returns or reports relating to the Impositions. CITY and Customer further acknowledge and agree that the provisions of this Article are intended to allocate the Impositions on procedures and methods of computation that are in effect on the date of this Agreement. Material changes in such procedures and methods could significantly alter the fundamental economic assumptions of the parties underlying this Agreement. Accordingly, the parties agree that, if such procedures or methods of computation change materially, the parties will negotiate in good faith an amendment to this Article 16 to preserve, to the extent reasonably practicable, the economic intent and effect of this Article.

ARTICLE 17

NOTICES

Unless otherwise stated herein, all notices and other communications required or permitted under this Agreement shall be in writing and shall be given by United States first class mail, postage prepaid, registered or certified, return receipt requested, or by hand delivery (including by means of a professional messenger service or overnight mail) addressed as follows:

If to Customer:

For Administrative/Payment Notices:

Millikin University
Ruby James, Vice President of Business and Finance
1184 West Main Street
Decatur, IL 62522

For Legal Notices:

Millikin University
Ruby James, Vice President of Business and Finance
1184 West Main Street
Decatur, IL 62522

If to CITY:

For Dark Fiber Acceptance or Rejection notice:

City of Decatur
Information Technology Director
#1 Gary K. Anderson Plaza
Decatur, Illinois 62523

For Payments:

City of Decatur
Accounts Receivable
#1 Gary K. Anderson Plaza
Decatur, IL 62523

For Legal Notices:

City of Decatur
Attn: Legal Department
#1 Gary K. Anderson Plaza
Decatur, IL 62523

With a copy to:

City of Decatur
ATTN: Information Technology Director
#1 Gary K. Anderson Plaza
Decatur, IL 62523

Any such notice or other communication shall be deemed to be effective when actually received or refused. Either Party may by, similar notice given, change the address to which future notices or other communications shall be sent.

ARTICLE 18

CONFIDENTIALITY

18.1 Each party, including its agents and subcontractors, to this Agreement may have or gain access to confidential data or information owned or maintained by the other Party in the course of carrying out its responsibilities under this Agreement. Each party recognizes and acknowledges that the CITY is subject to the laws of the State of Illinois and the Freedom of Information Act and, as such, will comply with the provisions of the Act as required by law. Customer information, unless clearly marked as confidential and exempt from disclosure under the Illinois Freedom of Information Act, shall be considered public. Any request for documents related to this Agreement shall be provided to the other Party in sufficient time for an objection to disclosure of the requested documents to be made. No confidential data collected, maintained, or used in the course of performance of the Agreement shall be disseminated except as authorized by law or pursuant to legal process, either during the period of the contract or thereafter. The Parties must return any and all confidential data collected, maintained, created or used in the course of the performance of the Agreement, in whatever form it is maintained, promptly at the end of the Agreement, or earlier at the request of either Party, or notify the Party of its destruction. The foregoing obligations shall not apply to confidential data or information

lawfully in the receiving Party's possession prior to its acquisition from the disclosing Party, received in good faith from a third-party not subject to any confidentiality obligation to the disclosing Party, now is or later becomes publicly known through no breach of confidentiality obligation by the receiving Party, or is independently developed by the receiving Party without the use or benefit of the disclosing Party's confidential information.

ARTICLE 19

DEFAULT

19.1 The following events shall constitute (Events of Default), the occurrence of which shall constitute a material breach of this Agreement and entitle the non-defaulting party to seek the rights and remedies available to it under the terms of this Section 19, Default:

- (a) Failure by Customer to pay any amount when due and such failure is not cured within thirty (30) calendar days following receipt of written notice of such failure, or
- (b) Failure by either party to observe or perform any other material obligation under this Agreement when such failure shall continue for a period of thirty (30) calendar days (or such longer period as may be agreed upon by the parties in writing; provided that the defaulting party commences to cure such failure within such thirty (30) calendar day period and thereafter diligently pursues such cure) after written notice.

19.2 Rights and Remedies of Customer. Upon the occurrence of an Event of Default by or with respect to the CITY, Customer shall be entitled to:

- (a) Terminate the Agreement and/or
- (b) Subject to the terms of Article 14, recover damages

19.3 Rights and Remedies of the CITY. Upon the occurrence of an Event of Default by or with respect to Customer, the CITY shall have the right to: (i) terminate the Agreement; (ii) recover actual amounts owed by Customer to the CITY that accrued on or prior to the date of termination; and/or (iii) recover Damages. In addition to the foregoing, Customer shall be deemed to have abandoned the Dark Fiber, and to have conveyed to CITY all right, title and interest in and to the Dark Fiber. Customer shall provide to the CITY a bill of sale or such other documents as may be reasonably necessary to evidence such abandonment and/or conveyance.

19.4 Notwithstanding anything to the contrary contained in this Agreement, Customer's sole and exclusive remedy for any failure by the CITY to deliver the Dark Fiber by the Anticipated Completion Date shall be limited to those contained in this Section 19.4. In the event the CITY shall have failed to deliver the Dark Fiber within ninety (90) days after the Anticipated Completion Date (as such date may be extended by Events of Force Majeure or under the terms of this Agreement), then Customer may terminate this Agreement and receive a refund of the Initial Payment. If Customer elects to so terminate, neither Party shall have any further duties or obligations to the other Party (except for the CITY'S obligation to so refund the Initial Payment) under this Agreement. In the event the CITY shall have failed to deliver the Dark Fiber within

twelve (12) months after the Effective Date, then this Agreement shall automatically terminate and CITY shall refund to Customer the Initial Payment and the CITY shall have no further duties or obligations hereunder.

ARTICLE 20

TERMINATION

Except as otherwise provided herein, upon the expiration of the Term or other termination of this Agreement, the IRU shall immediately terminate and all rights of Customer hereunder to use the Fiber System shall cease, all rights hereunder to the use of the Fiber System shall revert to the CITY, and the CITY shall owe Customer no further duties, obligations or consideration. Customer shall, within thirty (30) days of such termination, remove from any CITY facilities, all Customer property, equipment and materials used in connection with the Dark Fiber. Customer shall accomplish such removal at Customer's sole expense, under CITY'S supervision and in a manner that does not damage the Fiber System. Customer shall be responsible for any damage caused by such removal. If Customer fails to remove its property within such period, the property shall be deemed abandoned and the CITY shall dispose of the same in any manner it deems reasonably appropriate, at Customer's expense. Termination of this Agreement shall not affect the rights or obligations of either Party that have arisen before the date of termination or expiration.

ARTICLE 21

ASSIGNMENT AND TRANSFER RESTRICTIONS

21.1 Subject to Section 21.2 below, Customer may not transfer or assign all or any part of its interest under this Agreement, or delegate any duties, burdens, or obligations arising hereunder, without the CITY'S consent, which consent may be given or withheld in CITY'S sole and absolute discretion. A transfer or assignment in violation of this Article 21 shall constitute a material breach of this Agreement.

21.2 Notwithstanding the arrangements permitted under this Article 21, Customer acknowledges and agrees that Customer shall not sell, lease, IRU or otherwise transfer any interest in the Dark Fibers to a third party. The Parties understand and agree that the CITY would not have entered this Agreement but for the provisions in this section 21.2.

ARTICLE 22

REPRESENTATIONS, WARRANTIES AND ACKNOWLEDGMENTS

22.1 By execution of this Agreement, each Party represents and warrants to the other:

(a) That the representing Party has full right and authority to enter into and perform this Agreement in accordance with the terms hereof and thereof, and that by entering into

or performing this Agreement, the representing Party is not in violation of its charter or bylaws, or any law, regulation or agreement by which it is bound or to which it is subject;

(b) That the execution, delivery and performance of this Agreement by such Party has been duly authorized by all requisite corporate action, that the signatories for such Party hereto are authorized to sign this Agreement, and that the joinder or consent of any other party, including a court or trustee or referee, is not necessary to make valid and effective the execution, delivery and performance of this Agreement by such Party.

22.2 CUSTOMER ACKNOWLEDGES THAT, EXCEPT AS SET FORTH IN THIS AGREEMENT THE CITY MAKES NO WARRANTY, REPRESENTATION OR INDEMNITY, EXPRESS OR IMPLIED, WITH RESPECT TO THE DARK FIBER, THE FIBER SYSTEM, THE ASSOCIATED PROPERTY, ANY CITY FACILITIES OR ANY WORK PERFORMED UNDER THIS AGREEMENT, INCLUDING ANY AND ALL WARRANTIES OF DESIGN, MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE OR ARISING FROM A COURSE OF DEALING, USAGE OR TRADE, AND CUSTOMER HEREBY EXPRESSLY WAIVES AND DISCLAIMS ALL SUCH WARRANTIES, REPRESENTATIONS AND INDEMNITIES. THE WARRANTIES SET FORTH IN THIS AGREEMENT CONSTITUTE THE ONLY WARRANTIES MADE BY THE CITY TO CUSTOMER WITH RESPECT TO THIS AGREEMENT AND ARE MADE IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, STATUTORY, EXPRESS OR IMPLIED. For the avoidance of doubt, nothing contained in this Section 22.2 shall be in conflict with CITY'S responsibility to maintain the Fiber System as further described in Article 10 such that the Dark Fibers are operating in conformity with the applicable specifications as further described in Exhibit B.

ARTICLE 23

GENERAL

23.1 Binding Effect. This Agreement, and each of the Parties' respective rights and obligations under this Agreement, shall be binding on and shall inure to the benefit of the Parties hereto and each of their respective permitted successors and assigns.

23.2 Non-Waiver. The failure of either Party hereto to enforce any of the provisions of this Agreement, or the waiver thereof in any instance, shall not be construed as a general waiver or relinquishment on its part of any such provision, but the same shall nevertheless be and remain in full force and effect.

23.3 Choice of Law/Forum. This contract shall be construed in accordance with and is subject to the laws and rules of the State of Illinois.

23.4 Rules of Construction. The captions or headings in this Agreement are strictly for convenience and shall not be considered in interpreting this Agreement or as amplifying or limiting any of its content. Words in this Agreement which import the singular connotation shall be interpreted as plural, and words which import the plural connotation shall be interpreted as singular, as the identity of the parties or objects referred to may require.

(a) Unless expressly defined herein, words having well known technical or trade meanings shall be so construed. All listing of items shall not be taken to be exclusive, but shall include other items, whether similar or dissimilar to those listed, as the context reasonably requires.

(b) Except as set forth to the contrary herein, any right or remedy of Customer or the CITY shall be cumulative and without prejudice to any other right or remedy, whether contained herein or not.

(c) This Agreement has been fully negotiated between and jointly drafted by the Parties.

(d) All actions, activities, consents, approvals and other undertakings of the Parties shall be performed in a reasonable and timely manner, it being expressly acknowledged and understood that time is of the essence in the performance of obligations required to be performed by a date expressly specified herein. Except as specifically set forth herein, for the purpose of this Agreement the standards and practices of performance within the telecommunications industry in the relevant market shall be the measure of a Party's performance.

23.5 Entire Agreement. This Agreement constitutes the entire and final agreement and understanding between the Parties with respect to the subject matter hereof and supersedes all prior agreements relating to the subject matter hereof, which are of no further force or effect. The Exhibits and Attachment referred to herein are integral parts hereof and are hereby made a part of this Agreement. To the extent that any of the provisions of the attached Exhibits hereto are inconsistent with the other express terms of this Agreement, the terms of Exhibits shall prevail. This Agreement may only be modified or supplemented by an instrument in writing executed by an authorized representative of each Party and delivered to the Party relying on the writing.

23.6 Relationship of the Parties. The relationship between Customer and the CITY shall not be that of partners, agents, or joint ventures for one another, and nothing contained in this Agreement shall be deemed to constitute a partnership or agency agreement between them for any purposes, including, but not limited, to federal income tax purposes. Customer and the CITY, parties and shall discharge their contractual obligations at their own risk subject, however, to the terms and conditions hereof.

23.7 Severability. If any term, covenant or condition contained herein is, to any extent, held invalid or unenforceable in any respect under the laws governing this Agreement, the remainder of this Agreement shall not be affected thereby, and each term, covenant or condition of this Agreement shall be valid and enforceable to the fullest extent permitted by law.

23.8 Counterparts and Facsimile. This Agreement may be executed by facsimile and in one or more counterparts, all of which taken together shall constitute one and the same instrument.

23.9 Technical Contacts. Exhibit C (attached hereto and incorporated by reference) documents technical contacts including levels of problem escalation for the CITY and for the Customer.

In confirmation of their consent and agreement to the terms and conditions contained in this Agreement and intending to be legally bound hereby, the Parties have executed this Agreement as of the date first above written.

City of Decatur
An Illinois Municipality

Millikin University

by _____

Date:

Name:

Title:

by _____

Customer FEIN #:

Date:

Name:

Title:

EXHIBIT A

Route Description

Route Description: Customer IRU fiber leaves Richland Community College Illinois Century Network Point of Presence ("A" Endpoint), runs east on Hubbard Avenue and turns south on 27th street to Pershing Avenue then goes west across Pershing and turns south on Jasper Avenue to Garfield Avenue and then turns south on Martin Luther King Jr., turns west on Division Street and then south on Main Street to Fire House 1. Route further extends south from Fire House 1, 1415 North Water Street to Grand Avenue where it travels west to Oakland Avenue, turns south and ends at a ground box at or near West Main Street at the intersection of West Main and Oakland. A Customer lateral will provide a connection from the ground box and enter a tunnel just south of Griswold on Oakland Avenue and then terminate in Shilling Hall Room 114 inside the Customer's building ("Z" Endpoint). Total fiber route is 7.67 Miles long.

Anticipated Completion Date: _____

IRU Fee: \$92,040 (US dollars)

Route Miles: 7.67 miles.

Total IRU Strands Allocated to Customer: 12

IRU Fiber Maintenance Fee: \$36 per year per fiber strand mile (92.04 miles). The IRU Fiber Maintenance Fee shall be adjusted in accordance with Article 10.1 of this Agreement. Customer agrees to pre-pay ten (10) years of IRU Fiber Maintenance at an annual rate of \$3,313.44 or \$33,134.40 for ten years and \$3,313.44 paid annually for years following plus the CPI adjustment as defined in Article 10.1 of this agreement.

Total Due to CITY on day of IRU contract execution: \$125,174.40

Equipment: CITY will not provide any equipment, optronics, patch cables or the like to connect the IRU fiber to the ICN at the Richland POP or the Customer end of this circuit.

EXHIBIT B

Fiber Specifications / Acceptance Testing

1. Fiber Specifications.

- a. The maximum bi-directional average splice loss shall not exceed 0.15 dB.
- b. All splices shall be sealed in water proof splice enclosures.
- c. Attenuation at 1310 nm = 0.35 dB/km max
- d. Attenuation at 1550 nm = 0.25 dB/km max
- e. Connector loss shall not exceed 0.5dB per connector
- f. Fiber will meet or exceed Corning Single Mode Fiber SMF-28 Specifications
- g. Event Reflectivity (Minimum ORL) should not exceed 27 dB.

2. Fiber Acceptance Testing. CITY Contractor will conduct the following tests as part of its Acceptance Test Plan:

- Non-destructive Attenuation Tests (End to End)
- Optical Time Domain Reflectometer Tests (OTDR)

Fiber acceptance testing will be performed to ensure that the fibers will operate within the parameters of the Specifications set forth in this Exhibit B.

a. More specifically, fiber acceptance testing will include the following:

- Continuity Uniformity Tests:
All fibers shall be tested bi-directionally at 1310 nm or 1550 nm, as applicable, with an OTDR; the subsequent traces shall be inspected for end-to end continuity and for uniform attenuation. These traces will be attached to an email or contained on a removable storage drive.
- Optical Length:
The OTDR will be used to determine the end-to end optical length of the cable.
- Splice Loss:
Splice loss will be measured bi-directionally with an OTDR using the Splice Loss average method.
- End-to-End Loss:
Using a light source and a power meter, the bi-directional, connector-to-connector attenuation will be measured for each fiber at 1310 nm and 1550 nm, as applicable. The acceptance average attenuation per kilometer on a per span basis shall be the attenuation set forth by this agreement.
 - a. The end-to-end value as measured with an industry-accepted laser source and power meter should have an attenuation rating of less than or equal to the following:

- (1) At 1310 nm: $(0.35\text{dB/km} \times \text{km of cable}) +$

(number of connectors x 0.50) +
(number of splices x 0.10)

(2) At 1550 nm: (0.25 dB/km x km of cable) +
(number of connectors x 0.50) +
(number of splices x 0.10)

b. The CITY'S loss / attenuation objective for each fiber optic splice is 0.10 dB (with a 0.15 upper limit) when measured in one direction with an OTDR test set (excluding connector loss, which is typically 0.50 dB per connector)

3. Out-of-Spec Testing. Test results outside the specifications listed above shall be noted, but shall not preclude acceptance of a fiber if the out-of-spec condition does not affect transmission capability (based on use of then-prevailing telecommunications industry standards applicable to equipment generally used with the relevant type of fiber) or create a significant possibility of an outage.

EXHIBIT C

Technical Contacts

City of Decatur

CITY escalation list:

First Level:

Name: IT Support Help Desk
Desk: 217-424-2703

Second Level:

Name: IT Network Systems Administrator
Desk: 217-450-2243
Mobile: 217-855-0414

Third Level:

Name: Information Technology Department Director
Desk: 217-450-2236
Mobile: 217-855-8715

Customer

Customer escalation list:

First Level:

Name: Network Admin, Millikin Network Services
Desk: 217-362-6488
Mobile: 217-7257991

Second Level:

Name: System Admin, Millikin Network Services
Desk: 217-362-6488
Mobile: 217-246-8129

Third Level:

Name: Director of Information Technology
Desk: 217-424-6263
Mobile: 217-855-9401

EXHIBIT D

Maintenance Specifications and Procedures

The Party receiving maintenance services from CITY hereunder shall be referred to herein as the "Customer". All other capitalized terms not otherwise defined herein shall have their respective meanings as set forth in the Agreement of which this Exhibit forms a part.

1. MAINTENANCE.

(a) Scheduled Maintenance. Routine maintenance and repair of the Fiber System described in this Section 1 shall be performed by or under the direction of CITY, at CITY'S reasonable discretion. Scheduled Maintenance shall include the following activities:

- (i) Patrol of CITY System route on a reasonable routine basis;
- (ii) Maintenance of a "Call-Before-You-Dig" program and all required and related cable locates;
- (iii) Maintenance of sign posts along the CITY Fiber System right-of-way;
- (iv) Assignment of fiber maintenance employees or subcontractors to locations along the Fiber System at intervals dependent upon terrain, accessibility, locate ticket volume, etc. CITY shall decide the staffing of fiber maintenance employees for the Fiber System; and
- (v) CITY shall have qualified representatives on site any time CITY has reasonable advance knowledge that another person or entity is engaging in construction activities or otherwise excavating within five (5) feet of the Fiber System.

(b) Unscheduled Maintenance. Non-routine maintenance and repair of the Fiber System, which is not included as Scheduled Maintenance, shall be performed by or under the direction of CITY. Unscheduled Maintenance shall commence upon the Acceptance Date of the Agreement. Unscheduled Maintenance shall consist of:

- (i) "Emergency Unscheduled Maintenance" in response to a fiber system alarm triggered by the CITY IT Help Desk' or notification by any third party of any failure, interruption or impairment in the operation of the Fiber System, or any event imminently likely to cause the failure, interruption or impairment in the operation of the Fiber System.
- (ii) "Non-Emergency Unscheduled Maintenance" in response to any potential service-affecting situation to prevent any failure, interruption or impairment in the operation of the Fiber System.

Customer shall immediately report the need for Unscheduled Maintenance to the CITY in accordance with procedures promulgated by the CITY from time to time. CITY IT Help Desk will log the time of Customer's report, verify the problem and dispatch personnel immediately to take corrective action.

2. CITY IT HELP DESK.

CITY shall operate and maintain an Information Technology Help Desk capable of receiving Fiber System alarms twenty-four (24) hours a day, seven (7) days a week. CITY'S maintenance employees or subcontractors shall be available for dispatch twenty-four (24) hours a day, seven (7) days a week. CITY shall have its first maintenance employee at the site requiring Emergency Unscheduled Maintenance activity within two (2) hours after the time CITY becomes aware of an event requiring Emergency Unscheduled Maintenance, unless delayed by circumstances beyond the reasonable control of the CITY. CITY personnel shall dispatch maintenance and repair personnel to handle and repair problems detected in the CITY Alert System.

3. COOPERATION AND COORDINATION.

(a) Customer shall utilize an Escalation List, as updated from time to time, to report and seek immediate action on exceptions noted in the performance of the CITY IT resources in meeting maintenance service objectives.

(b) Customer will, as necessary, arrange for escorted access for CITY to all sites of the Fiber System under Customer's control, subject to applicable contractual, underlying real property and other third-party limitations and restrictions.

(c) In performing its services hereunder, the CITY shall take workmanlike care to prevent impairment to the signal continuity and performance of the Fiber System. The precautions to be taken by the CITY shall include notifications to Customer. In addition, the CITY shall reasonably cooperate with Customer in sharing information and analyzing the disturbances regarding the cable and/or fibers. In the event that any Scheduled or Unscheduled Maintenance hereunder requires a traffic roll or reconfiguration involving cable, fiber, electronic equipment, or regeneration or other facilities of the Customer, then Customer shall, at CITY'S reasonable request, make such personnel of Customer available as may be necessary in order to accomplish such maintenance, which personnel shall coordinate and cooperate with CITY employees in performing such maintenance as required of the CITY hereunder.

(d) The CITY shall notify Customer(s) at least seven (7) days prior to the date in connection with any Maintenance Window of any Scheduled Maintenance and as soon as possible after becoming aware of the need for Unscheduled Maintenance. Customer shall have the right to be present during the performance of any Scheduled Maintenance or Unscheduled Maintenance so long as this requirement does not interfere with the CITY'S ability to perform its obligations under this Agreement. In the event that Scheduled Maintenance is canceled or delayed for whatever reason as previously notified, the CITY shall notify Customer at the CITY'S earliest opportunity, and will comply with the provisions of this Section.

4. FACILITIES.

(a) CITY shall maintain the Fiber System in a manner which will permit Customer's use. All common systems within facilities along the CITY Fiber System shall be maintained in accordance with manufacturer's specifications, to include battery plants, generators, and HVAC units.

(b) Except to the extent otherwise expressly provided in the Agreement, Customer will be solely responsible for providing and paying for any and all maintenance of all electronic, optronic and other equipment, materials and facilities used by Customer in connection with the operation of their Dark Fibers, none of which is included in the maintenance services to be provided hereunder.

5. FIBER OPTIC CABLE/FIBERS.

(a) The CITY shall perform appropriate testing on the fiber optic cable contained in the Fiber System in accordance with CITY'S then current preventative maintenance procedures as agreed to by Customer, which shall not substantially deviate from standard industry practice.

(b) The CITY shall maintain sufficient capability to teleconference with Customer during Emergency Unscheduled Maintenance in order to provide regular communications during the restoration process. When correcting or repairing fiber optic cable discontinuity or damage, including but not limited to, an event of Emergency Unscheduled Maintenance, CITY staff shall arrive on site within two (2) hours of learning of traffic-affecting discontinuity and effect repair of first fiber within eight (8) hours after the CITY maintenance employee's arrival at the problem site. In order to accomplish such objective, it is acknowledged that the repairs so effected may be temporary in nature. In such event, within twenty-four (24) hours after completion of any such Emergency Unscheduled Maintenance, the CITY and/or its contractors shall commence its planning for permanent repair, and thereafter promptly shall notify Customer of such plans, and shall implement such permanent repair within a reasonably prompt time thereafter. Restoration of open fibers on fiber strands not immediately required for service shall be completed on a mutually agreed-upon schedule.

(c) During restoration, the CITY will work to restore all traffic as quickly as possible. The CITY, promptly upon arriving on the site of the cut, shall determine the course of action to be taken to restore the Fiber System and shall begin restoration efforts. The CITY and its contractor(s) shall splice fibers tube by tube or ribbon by ribbon in a logical order with consideration to all lit fibers within the cable.

(d) In performing permanent repairs, including the repair of micro bends and splice work, the CITY shall comply with the splicing specifications as set forth in Exhibit B, and shall take all reasonable steps to ensure that attenuation across the zone of repair satisfies the specifications in Exhibit B. CITY shall provide to Customer any modifications to these specifications as may be necessary or appropriate in any particular instance for Customer's approval, which approval shall not be unreasonably withheld.

(e) CITY'S representatives and /or its contractors who are responsible for initial restoration of a cut fiber optic cable shall carry on their vehicles the typical appropriate equipment that would enable a temporary splice, with the objective of restoring operating capability in as little time as possible. CITY and/ or its contractors shall maintain an inventory of spare fiber optic cable in storage facilities supplied and maintained at strategic locations to facilitate timely restoration.

6. Scheduled Maintenance which is reasonably expected to produce any signal discontinuity shall be scheduled between 12:01 AM and 6:00 AM Central Time. Major system work, such as fiber rolls and hot cuts, will be scheduled for weekends and shall allow work during daylight hours if on a Saturday or Sunday.

7. CITY may subcontract any of the maintenance services hereunder; provided that the CITY shall require the subcontractor(s) to perform in accordance with the requirements and procedures set forth herein. The use any such subcontractor shall not relieve the CITY of any of its obligations hereunder.

(DARK FIBER ACCEPTANCE NOTICE AND SIGNATURE PAGE TO FOLLOW)

EXHIBIT E

Dark Fiber Acceptance Notice

By signature affixed below, the City of Decatur ("CITY") hereby officially notifies _____ ("Customer") that the Dark Fiber provided to Customer, pursuant to the IRU Agreement between the CITY and Customer dated _____, 2018 ("Agreement"), and described as follows:

Customer IRU fiber leaves Richland Community College Illinois Century Network Point of Presence, runs east on Hubbard Avenue and turns south on 27th street to Pershing Avenue then goes west across Pershing and turns south on Jasper Avenue to Garfield Avenue and then turns south on Martin Luther King Jr., turns west on Division Street and then south on Main Street to Fire House 1. Route further extends south from Fire House 1, 1415 North Water Street to Grand Avenue where it travels west to Oakland Avenue, turns south and ends at a ground box at or near West Main Street at the intersection of West Main and Oakland. A Customer lateral will provide a connection from the ground box and enter a tunnel just south of Griswold on Oakland Avenue and then terminate in Shilling Hall Room 114 inside the Customers building. Total fiber route is 7.67 Miles long.

Has an Acceptance Date of _____, 2018.

Accordingly, for purposes of the Agreement, the Acceptance Date shall be the above stated date.

Signed and Acknowledged without exception:

**City of Decatur
An Illinois Municipality**

Millikin University

by _____

By _____

Date:

Date:

Name:

Name:

Title:

Title:



Fiber Broadband Service Order
City of Decatur Illinois
1 Gary K. Anderson Plaza
Decatur, Illinois 62523-1196

Customer Name: **Millikin University**
Customer Site ID: **DECFIBER - Millikin**
Service Term: **Dark Fiber 20 Years; Maintenance 10 Years**
Service Activation Date: **After Fiber Acceptance**

City of Decatur Illinois	Customer
City of Decatur Information Technology Dept. City of Decatur Illinois 1 Gary K. Anderson Plaza Decatur, Illinois 62523-1196 Phone: (217)-424-2703 IT Staff@decaturil.gov	Millikin University Ruby James, Vice President of Business and Finance 1184 West Main Street Decatur, Illinois 62522 Phone: (217)420-6029 rubyjames@millikin.edu

Billing Information	Same As Above
Billing Contact	Ruby James
Billing Address 1	1184 West Main Street
Billing Address 2	
Billing City, St, ZIP	Decatur, Illinois 62522
Billing Phone	(217)420-6029
Billing Contact e-mail	rubyjames@millikin.edu

Non-Recurring Charge - One Time Charges	Unit Cost	Quantity	Extended Cost
IRU - 12 Fibers (92.04 Fiber Strand Miles)	\$1,000.00	92.0	\$ 92,040.00
(Segment is Millikin to Richland Community College)			\$ -
Total One Time Charges			\$ 92,040.00

Annual Recurring Charge	Unit Cost	Quantity	Extended Cost
Prepaid 10 Year Fiber Maintenance (\$3,313.44/Year)	\$3,313.44	10.0	\$ 33,134.40
			\$ -
Total Recurring Charges			\$33,134.40

TOTAL THIS SERVICE ORDER-

\$125,174.40

This service order and its recurring charges are subject to terms and conditions of the Indefeasible Right Of Use ("IRU") agreement currently in place between Customer and the City of Decatur. The Service Order may, from time to time, be modified at the Customer's written request and upon approval of the City of Decatur. In the event of a conflict between the IRU and this Service Order, this Service Order shall have precedence over the IRU agreement.

The City of Decatur will bill Customer for the Non-Recurring one time charge immediately after execution of the associated IRU Agreement.

The City of Decatur will bill customer for the first 10 years of Annual Recurring Charges immediately after execution of the associated IRU Agreement. Maintenance period will begin on the date of Fiber Acceptance.

By signing below, you certify that you are authorized to sign on behalf of Customer and that Customer agrees to be bound by the terms and conditions contained herein.

Please note: This is not an invoice. You will be invoiced by the City of Decatur separately. This quote is valid until 8/1/2018

Customer FEIN (##-#####)

Print Customer Representative Name

Title

Customer Representative Signature

Date

Print City of Decatur Representative Name

Title

City of Decatur Representative Signature

Date

Public Works

DATE: 7/9/2018

MEMO: 2018-35

TO: Honorable Mayor Moore Wolfe and City Council

FROM: Tim Gleason, City Manager
Matthew C. Newell, P.E., Public Works Director

SUBJECT: Resolution accepting the bid and authorizing the execution of a contract with Dunn Company, A Division of Tyrolt, Inc. for annual Street Restoration, Airport Road, City Project 2018-08

SUMMARY RECOMMENDATION: Please refer to the attached memorandum and related attachments.

ATTACHMENTS:

Description	Type
Council Memo 2018-35 Dunn Company	Cover Memo
Resolution Awarding Contract Dunn Co	Resolution Letter
Contract Dunn Company	Backup Material
Council Bid Tab for 2018-08	Backup Material
Location Map Airport Rd	Backup Material

Public Works Memorandum
NO. 2018-35

DATE: July 9, 2018

TO: Honorable Mayor Moore Wolfe and City Council

FROM: Tim Gleason, City Manager
Matthew C. Newell, P.E., Public Works Director

SUBJECT: Resolution Accepting the Bid and Authorizing the Execution of a Contract with Dunn Company, A Division of Tyrolt, Inc. for Annual Street Restoration, Airport Road, City Project 2018-08

SUMMARY RECOMMENDATION:

It is recommended that the City Council approve the resolution awarding the contract for the Annual Street Restoration (Mill and Overlay) Project, City Project 2018-08, to Dunn Company, A Division of Tyrolt, Inc. as the lowest, responsible bidder in the amount of \$1,600,000 and that the Mayor be authorized to execute the contract and the City Clerk to attest. The resolution represents an expenditure of \$1,508,735.65 as the low bid plus \$91,264.35 for project contingencies.

PRIOR COUNCIL ACTION:

May 21, 2018 – Council approved Resolution R2018-50 appropriating \$1,600,000 of Motor Fuel Tax funds for the purpose of resurfacing streets and highways under the applicable provisions of the Illinois Highway Code.

June 18, 2018 – Council approved Resolution R2018-79 rejecting all bids for the Street Restoration project. The project was re-advertised on June 27, 2018.

BACKGROUND:

Streets Inspected Annually

The Engineering Division inspects and rates approximately 1/2 of the City's streets on a yearly basis. The results of these inspections are input into a computer database which is used to project the future condition of the streets based on their current and historical condition, and surface type (i.e. brick, concrete, asphalt, etc.). This data is then paired with available funding and is used as a basis to aid City Engineering in the preparation of the City's yearly street improvement program. Staff then determines what type of improvement would be appropriate for each street.

Project Description

The 2018 project will perform mill and overlay work along Airport Road between U.S. 36 and Country Club Road. The edges of the road will be strengthened after some exploratory coring found less thickness along the edges of the road, which is likely contributing to the severe rutting seen along the road currently. In total, 2.70 lane miles of the City's 825 total lane miles will be rehabilitated as part of this project.

The proposed street list for Street Restoration is as follows (see attached location map):

Street	Begin	End	Surface Treatment	Length (feet)	Length (Lane Miles)
Airport Road	Change of Pavement North of US 36	Change of Pavement South of Country Club Rd.	Mill and Overlay w/ Edge Strengthening	7,140	2.70
			Total Length	7,140	2.70

Letting Results

The project scope and specifications were prepared by the Engineering Division and approved by the Illinois Department of Transportation (IDOT) for the use of Motor Fuel Tax funds. The project was advertised on June 27, 2018 and July 4, 2018, and bids were opened on July 9, 2018. The results of the letting are as follows (bid tabulation attached):

<u>Bidder</u>	<u>Bid Price</u>	Compared to Engineer's Est. Over (Under)
Dunn Company	\$1,508,735.65	0.69%
Engineer's Estimate	\$1,498,359.96	-----

Dunn Company and Feutz Contractors, Inc. took out bid packages for the Street Restoration Project and Dunn Company submitted the only bid. Dunn Company provided the lowest responsible bid at .69% above the engineer's estimate. The re-bid increased the project cost by approximately \$263,000. All cost increases were attributed to the increased work and material specified that were left out of the previous bid that was rejected. The asphalt price is lower than typical mill and overlay projects due to the large quantities of asphalt on this project, all being used in a single location. Dunn Company has successfully completed many jobs of this type for the City. Following approval by the Mayor and City Council, the contracts and bid tabulation will be forwarded to the Illinois Department of Transportation for final approval in accordance with the rules governing the disbursement of State Motor Fuel Tax funds.

SCHEDULE:

Following approval of the contract by the City Council the contracts will be forwarded to the Illinois Department of Transportation (IDOT) in Effingham for approval. Work on this project shall begin after a "Notice to Proceed" has been issued from the City. The Street Restoration project is scheduled to be complete by mid to late August.

BUDGET/TIME IMPLICATIONS:

Budget Impact: Funding for a majority of this project is allocated in the State Motor Fuel Tax Fund. Water valve box replacements will be funded out of the Water Main Replacement Fund (\$29,106.00). It is proposed that a total project expenditure of \$1,600,000 be authorized which includes \$1,570,894 of State Motor Fuel Tax money already allocated and \$29,106 from the Water Main Replacement Fund. This amount represents the low bid amount of \$1,508,735.65 plus \$91,264.35 for project contingencies.

Staff Impact: Staff time has been allocated for this project in the Capital Improvement Plan.

MINORITY PARTICIPATION GOALS ON STATE MOTOR FUEL TAX FUNDED PROJECTS:

The City receives State Motor Fuel Tax funds which are used to perform contract maintenance on streets and bridges on a regular basis. The expenditure of State MFT funds is highly regulated by the Illinois Department of Transportation. The City's minority participation goals may not be applied to State MFT projects.

POTENTIAL OBJECTION: There are no known objections to this resolution and bid award.

INPUT FROM OTHER SOURCES: Illinois Department of Transportation

STAFF REFERENCE: Matthew Newell, Public Works Director and Griffin Enyart, Assistant City Engineer. Matthew Newell will attend the City Council meeting to answer any questions of the Council on this item.

This memorandum was prepared by Griffin Enyart, Assistant City Engineer.

LEGAL REVIEW: The plans and specifications for the Street Restoration project were forwarded to Legal and approved on May 16, 2018.

Attach: 4

RESOLUTION NO. _____

**RESOLUTION ACCEPTING THE BID AND AUTHORIZING
THE EXECUTION OF A CONTRACT WITH DUNN COMPANY, A DIVISION OF
TYROLT, INC. FOR ANNUAL STREET RESTORATION, AIRPORT ROAD,
CITY PROJECT 2018-08**

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

Section 1. That the tabulation of bids received for City Project 2018-08, Street Restoration project be, and they are hereby, received and placed on file.

Section 2. That the bid of Dunn Company, a Division of Tyrolt, Inc. be accepted and a contract awarded accordingly, and that said contract between Dunn Company and the City of Decatur is for a total amount of \$1,600,000.

Section 3. That the Mayor and City Clerk be, and they are hereby authorized and directed to execute a contract between the City of Decatur, Illinois, and Dunn Company, a Division of Tyrolt, Inc. for said plan, in the amount of \$1,600,000.

PRESENTED and ADOPTED this 16th day of July, 2018.

Julie Moore Wolfe, Mayor

ATTEST:

Debra G. Bright, City Clerk



PROPOSAL SUBMITTED BY		
Dunn Company		
Contractor's Name		
724 N Mercer St		
Street	P.O. Box	
Decatur	IL	62522
City	State	Zip Code

STATE OF ILLINOIS

COUNTY Macon

City of Decatur

(Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF

STREET NAME OR ROUTE Airport Road

SECTION NO. 18-00808-00-FP

TYPES OF FUNDS Motor Fuel Tax

☒ SPECIFICATIONS (required)

☒ PLANS (required)

☒ CONTRACT BOND (when required)

For Municipal Projects

Submitted/Approved/Passed

☒ Mayor ☐ President of Board of Trustees ☐ Municipal Official

07/16/2018

Date

Department of Transportation

☐ Concurrence in approval of award

Regional Engineer

Date

For County and Road District Projects

Submitted/Approved

Highway Commissioner

Date

Submitted/Approved

County Engineer/Superintendent of Highways

Date

County Macon
Local Public Agency City of Decatur
Section Number 18-00808-00-FP
Route Airport Road

1. THIS AGREEMENT, made and concluded the 16th day of July, 2018,
Month and Year
between the City of Decatur
acting by and through its City Council known as the party of the first part, and
Dunn Company, A Division of Tyrolt, Inc. his/their executors, administrators, successors or assigns,
known as the party of the second part.
2. Witnesseth: That for and in consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring to these presents, the party of the second part agrees with said party of the first part at his/their own proper cost and expense to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this agreement and the requirements of the Engineer under it.
3. And it is also understood and agreed that the LPA Formal Contract Proposal, Special Provisions, Affidavit of Illinois Business Office, Apprenticeship or Training Program Certification, and Contract Bond hereto attached, and the Plans for Section 18-00808-00-FP, in Macon County, approved by the Illinois Department of Transportation on June 12, 2018, are essential documents of this
Date
contract and are a part hereof.
4. IN WITNESS WHEREOF, The said parties have executed these presents on the date above mentioned.

Attest: The City of Decatur
Clerk By Julie Moore Wolfe, Mayor Party of the First Part
Debra G. Bright, City Clerk
(Seal)

(If a Corporation)

Corporate Name _____
By _____
President Party of the Second Part

(If a Co-Partnership)

Attest: _____
Secretary

Partners doing Business under the firm name of

Party of the Second Part

(If an individual)

Party of the Second Part

Project Name: Street Restoration, Airport Rd REBID

Project Number: 2018-08

Bid Date: Monday, July 9, 2018

Time: 10:00 A.M.

Fund: Motor Fuel Tax

Organization Code: 46484606
489070

Engineer's Estimate

City Engineering Division

Dunn Company,
A Division of Tyroltt, Inc.
724 N Mercer St
Decatur, IL 62523

PH: 217-429-4444

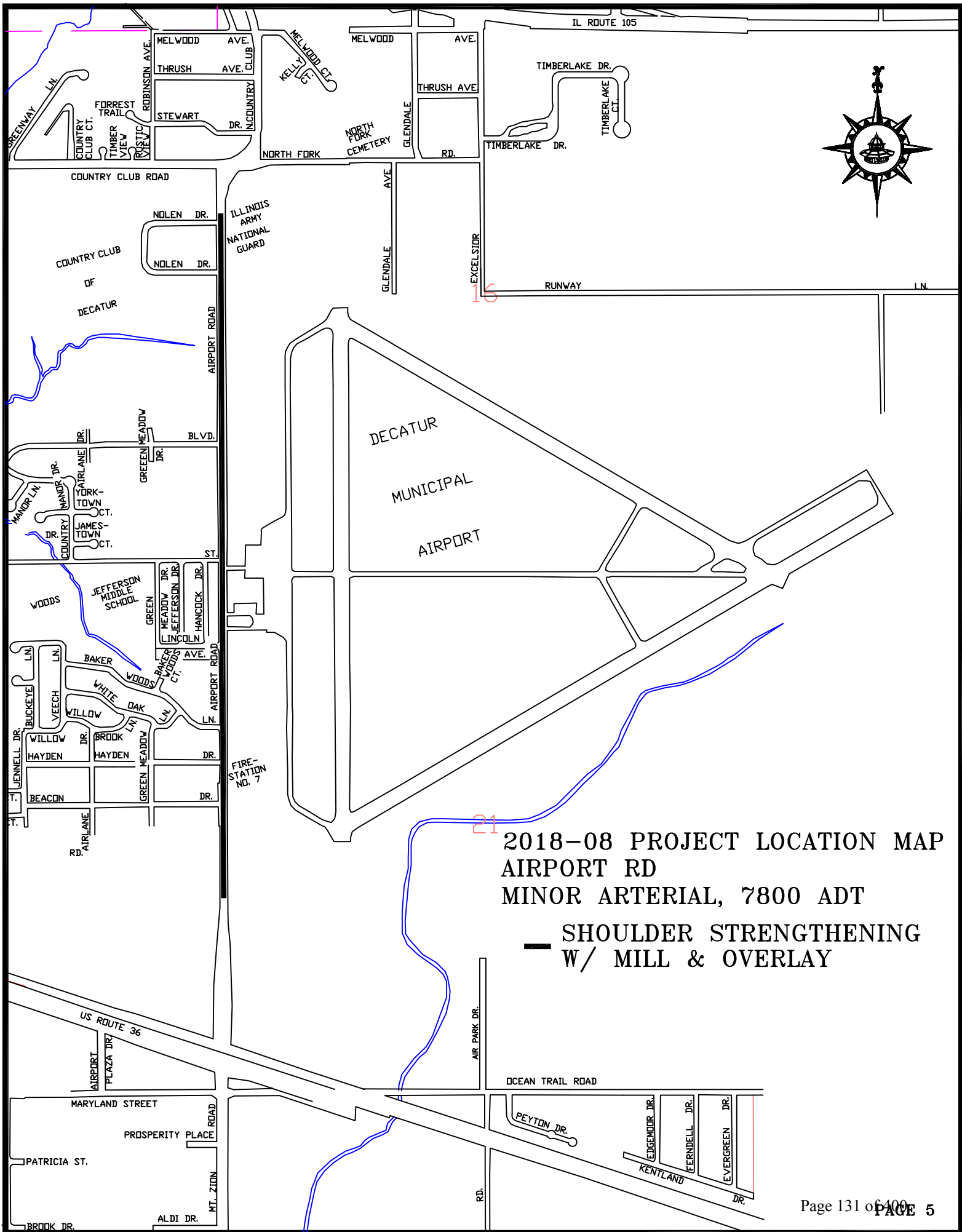
David W. Tyroltt, Pres.
Robert E Dunn, Sec.

Item Number	Pay Item	Quantity	Unit	Unit Price	Total	Unit Price	Total
40600290	BITUMINOUS MATERIAL (TACK COAT)	10,168.85	POUND	\$0.75	\$7,626.64	\$0.75	\$7,626.64
40600982	HMA SURFACE REMOVAL-BUTT JOINT	69.32	SQ YD	\$29.00	\$2,010.28	\$28.50	\$1,975.62
40600985	PCC SURFACE REMOVAL-BUTT JOINT	68.89	SQ YD	\$36.00	\$2,480.04	\$33.00	\$2,273.37
40600990	TEMPORARY RAMP	240.00	SQ YD	\$12.50	\$3,000.00	\$12.50	\$3,000.00
40603085	HMA BINDER COURSE, IL-19, N70	7,463.68	TON	\$100.00	\$746,368.00	\$94.50	\$705,317.76
40603315	HMA SURFACE COURSE, MIX "C", N70	2,530.91	TON	\$100.00	\$253,091.00	\$99.80	\$252,584.82
42400200	PCC SIDEWALK, 5 INCH	307.33	SQ FT	\$12.00	\$3,687.96	\$12.00	\$3,687.96
42400800	DETECTABLE WARNINGS	74.76	SQ FT	\$38.00	\$2,840.88	\$36.30	\$2,713.79
44000100	PAVEMENT REMOVAL, 11 INCH	9,520.00	SQ YD	\$15.00	\$142,800.00	\$17.80	\$169,456.00
44000165	HMA SURFACE REMOVAL, 4 INCH	21,420.00	SQ YD	\$7.00	\$149,940.00	\$8.20	\$175,644.00
44000600	SIDEWALK REMOVAL	268.20	SQ FT	\$3.30	\$885.06	\$3.30	\$885.06
44001700	COMB CONC CURB AND GUT REM & REPL	76.80	FOOT	\$60.00	\$4,608.00	\$51.70	\$3,970.56
60300410	VB FRAMES TO BE ADJ W/ NEW FRAMES	14.00	EACH	\$2,100.00	\$29,400.00	\$2,079.00	\$29,106.00
70300100	SHORT ERM PAVEMENT MARKINGS	714.00	FOOT	\$1.20	\$856.80	\$1.20	\$856.80
70300150	SHORT TERM PAVEMENT MARKING REM	238.00	SQ FT	\$2.40	\$571.20	\$2.00	\$476.00
70300220	TEMPORARY PAVEMENT MARK_LINE 4"	714.00	FOOT	\$1.20	\$856.80	\$1.50	\$1,071.00
78000400	THERMO PAVEMENT MARKING 6 INCH	16,097.00	FOOT	\$0.60	\$9,658.20	\$0.60	\$9,658.20
78000650	THERMO PAVEMENT MARKING 24 INCH	22.00	FOOT	\$4.50	\$99.00	\$4.40	\$96.80
X3510140	AGGREGATE BASE COURSE, SPECIAL	3,252.67	TON	\$30.00	\$97,580.10	\$30.25	\$98,393.27
X7010100	TRAFFIC CONT AND PROTECT (SPECIAL)	1.00	LSUM	\$40,000.00	\$40,000.00	\$39,942.00	\$39,942.00
	TOTAL BIDS (AS CORRECTED)				\$1,498,359.96		\$1,508,735.65
	Percent Over Under ENGINEER'S ESTIMATE						0.69%


Paul E. Caswell, P.E., City Engineer

7/9/2018

Date
Page 130 of 400



City Manager

DATE:

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 2nd 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 a 2nd 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:

MDA Properties has made significant progress in revitalizing and redeveloping the block bound by Main Street, Church St. and Wood St. and adjacent areas since entering into an agreement with the City to do so in April 2017. The agreement as amended calls for MDA to build five residential units, to complete environmental testing, remediation and demolition of the east center section of the premises at 142 W. Wood St., to repair a retaining wall on public property, to complete sidewalk repairs and add parking along South Church Street and to repave an alley in the area by August 31, 2018. As of that date MDA will have completed or expects to have completed 7 apartment units, repaired the public sidewalks and added new parking along South Church Street, to have repaired the retaining wall and sidewalk and demolished structures as required leaving only the environmental remediation and the alley to be completed.

MDA is working with the IEPA and expects that remediation will happen yet this year, however, the timing of the work could delay the alley repaving until next year's construction season. The company may not be able to get asphalt for a parking lot and alley until the beginning of the 2019 season because we are already well into this year's construction season. MDA is requesting an extension of the completion date from August 31, 2018 to May 31, 2019 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

Outside of this agreement MDA has also added additional private investment to the site that is subject to this agreement; R Bar and Grill opened in December 2017, the new Debbie's Dance Studio was added and to what was an underutilized, partially vacant space.

PRIOR COUNCIL ACTION: Council approved the original agreement in April 2017 and amended the agreement in December 2017 extending the deadline for completion of work to August 31, 2018.

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:

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

ATTACHMENTS:

Description	Type
Resolution	Resolution Letter
2nd Amendment	Backup Material
Original Agreement	Backup Material
1st Amendment	Backup Material

RESOLUTION NO.

**RESOLUTION AUTHORIZING 2nd 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 and first amended by Resolution R2017-143, 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 16th day of July, 2018

JULIE MOORE WOLFE, MAYOR

ATTEST:

Debra G. Bright, City Clerk

AMENDMENT

THIS AMENDMENT ("Amendment") is entered into this _____ day of _____, 2018 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 and amended December 4, 2017 regarding property in Decatur, Illinois as more particularly described in the agreement; and

WHEREAS, The Developer has either completed or will have completed the majority of the projects as are required in the agreement by August 31, 2018 as is stipulated in the amended agreement and expects to only need to complete environmental remediation and the paving of an alley to satisfy the agreement; and

WHEREAS, the Developer expects to complete remediation in 2018 but the timing will delay necessary construction of a retaining wall and potentially delay alley construction until after the close of the 2018 construction season; and

WHEREAS, the developer has clearly shown a good faith effort in completing this project and in order to facilitate the additional development outside of what is required by this agreement, 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 May 31, 2019.
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:
Maddison Davis
Its property manager

1918037

RESOLUTION NO. R2017-59

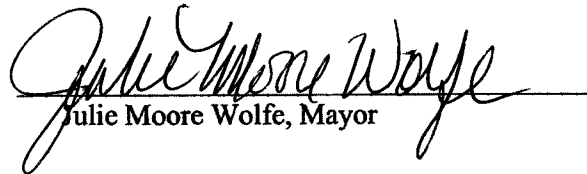
**RESOLUTION AUTHORIZING REDEVELOPMENT AGREEMENT
MDA PROPERTIES, LLC**

**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.

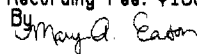

Julie Moore Wolfe, Mayor

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.

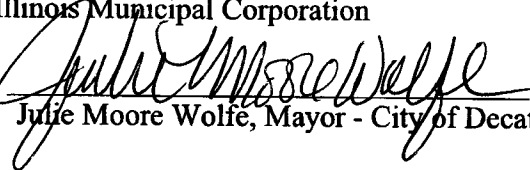
12. This Agreement may be executed in one or more counterparts, each of which shall be considered an original instrument, but all of which shall be considered one and the same Agreement, and shall become binding when one or more counterparts have been signed by each of the parties hereto and delivered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

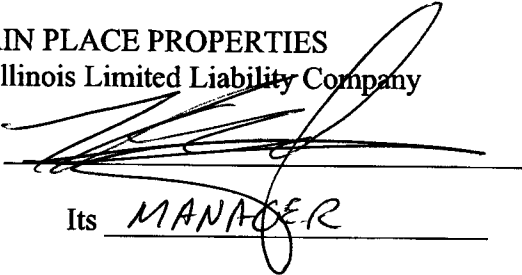
ATTEST:


Debra Bright, City Clerk

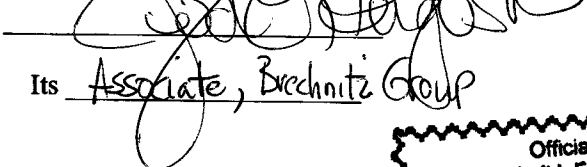
MAIN PLACE PROPERTIES
an Illinois Limited Liability Company

By:

Its


MANAGER

ATTEST:


Its Associate, Brechnitz Group

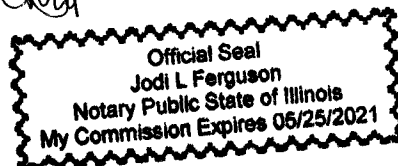


EXHIBIT A

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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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.

September 30, 2015
 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.

September 30, 2015
 Mr. Billy Tyus
 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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Mr. Billy Tyus
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Page 6

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)

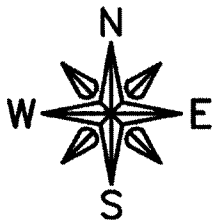
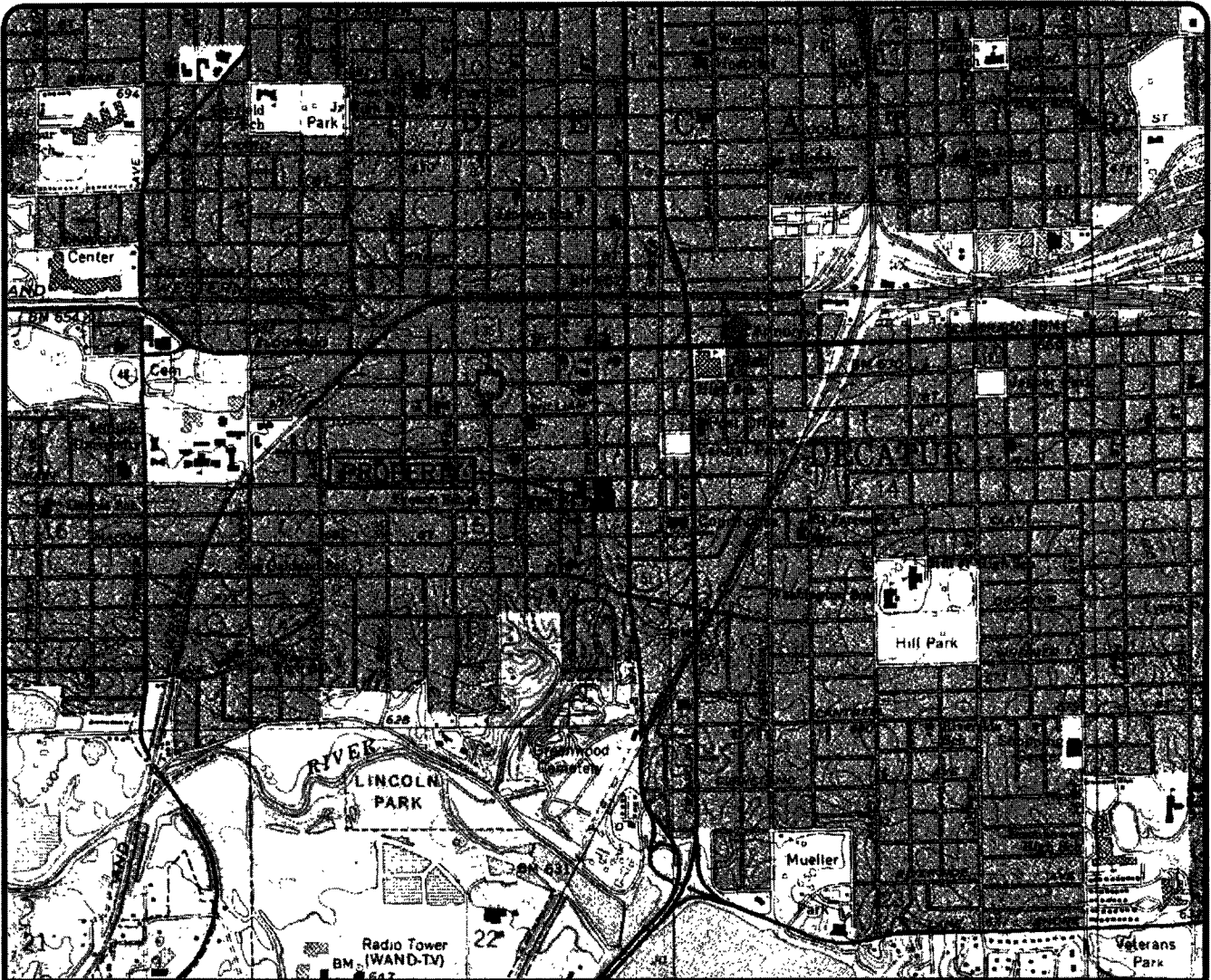
Attachments:

- 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

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ILLINOIS DESIGN FIRM NO. 184-003925

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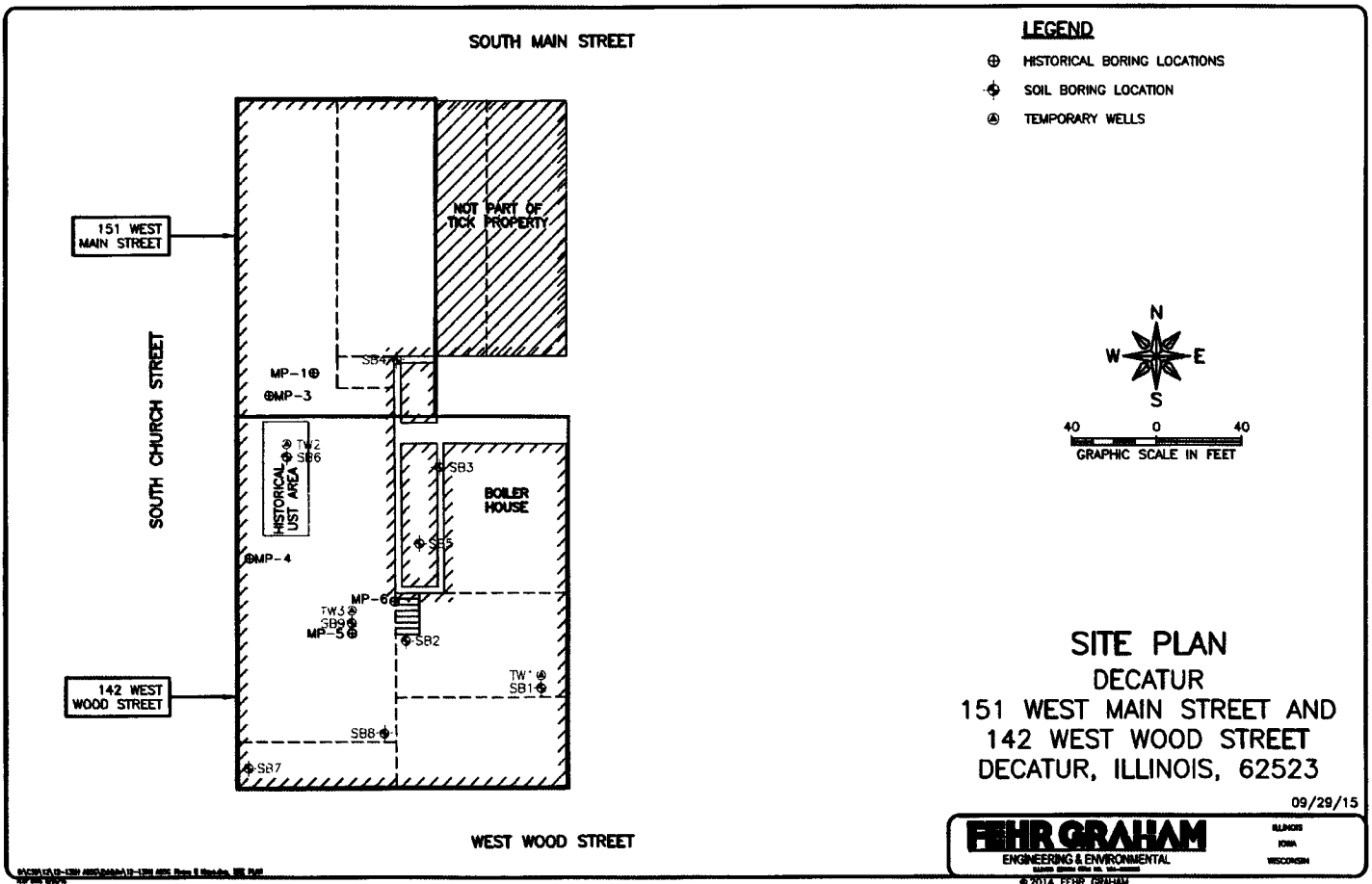
DATE: 8/20/15

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Attachment 2

Site Plan



Attachment 3
Soil Boring Logs

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BORING NUMBER SB1

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 ZinkleAT 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
					Light brown sandy, silty, clay with well rounded coarse sand to fine gravel, moderately soft.	0.0
	MAC	100				0.0
5						0.0
						0.0
	DT	50	CL- ML			0.0
10						0.0
						0.0
	DT	100				0.0
15						0.0
						0.0
	DT	70	CL- ML		15.0 Light brown sandy, silty, clay with well rounded coarse sand to fine gravel, dense.	0.0
20						0.0
						0.0
	DT	83	SM		19.6 Medium gray fine to medium, moderately sorted sand with silt with some degraded petroleum odor.	0.0
						1427.0
						1518.0
						1570.0
						902.0
25			CH		24.5 Light brown high plasticity clay, moderately soft with some degraded petroleum odor.	1503.0
					25.0 Bottom of hole at 25.0 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 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
5			CH			761
	MAC	100				886
					6.0	855
					Light brown sandy clay, very dense, low plasticity, wet at 9' bgs.	958
			CL			879
10						824
	MAC	100				768
			CL		10.0	>15000
					Olive gray clay with sand, moist to wet.	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

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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
			CH			791
5	MAC	100				759
						1018
					6.5	
					Light brownish gray sandy, high plasticity clay, stiff, odorous with coarse, well rounded sand.	606
	MAC	100				1147
			CH			962.7
10						57.2
						568
						420
						969
	MAC	80			13.0	
			SM		Light brown to medium gray silty sand, wet to saturated, odorous.	560
15					15.0	
					Hand cart refusal at 15' bgs.	53.2
					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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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 ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
					0.5 Concrete	
					Light brown to black and red silt with sand, gravel and brick fill.	12.8
						39.0
	MAC	100	GM			3.5
						13.8
5						14.6
					5.3 Light brown gravelly silt, very soft, sticky, low plasticity, with some degraded petroleum odor.	3.3
						6.6
	DT	50	MLG			9.7
					9.0	38.7
10			MLG		10.0 Very dark brown gravelly silt, very soft, sticky, low plasticity with some degraded petroleum odor.	1089
					Light gray to light brown low plasticity, sandy clay, moist, slight petroleum odor.	79.6
						31.8
	DT	100	CL			128.3
						1570.0
15						231.0
					15.0 Light brown silt with fine, well rounded, gravel and fine to medium sand, dense.	56.8
						14.5
	DT	100	ML			25.2
					18.5 Light grayish brown, very dense, silt with sand, low plasticity.	81.6
20			ML		20.0	503.4
					Light grayish brown fine to coarse, poorly sorted sand with silt, wet to saturated, odorous.	235.5
						583.3
	DT	100	SM			1661.0
						973.3
25						1326.0
					Bottom of hole at 25.0 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 SB7

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
			CL-ML		Light brown silty clay, low plasticity with sand, fill.	0.0
					2.0 Light grayish brown, high plasticity clay with fine, well rounded, gravel, moist to wet from 16-18.5' bgs.	0.0
5	DT	100				0.0
						0.0
						0.0
	DT	100				0.0
10						0.0
						0.0
			CH			0.0
	DT	100				0.0
15						0.0
						0.0
	DT	100				0.0
20						0.0
			CL		19.5 Light gray, low plasticity clay, very dense/stiff.	0.0
					20.0 Bottom of hole at 20.0 feet.	0.0

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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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BORING NUMBER SB9

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 ---

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 - 191 West Main Street/142 West Wood Street

CAS #		Analytical Parameter		Domestic Retail-Spot Values for Sale						Self-Consumption of the Exportation/Importation Exposure Route		ADL	1201201-07		1201201-09		1201201-02		1201201-03		1201201-01	
				Residential Properties		Industrial/Commercial Properties		Construction Worker					3401201-01 30-31		3401201-03 0-3		3401201-01 0-10		3401201-03 0-10		3401201-01 0-10	
				Exposure (mg/kg)	Incubation (mg/kg)	Exposure (mg/kg)	Incubation (mg/kg)	Exposure (mg/kg)	Incubation (mg/kg)	Class 1 (mg/kg)	Class 2 (mg/kg)		Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)
				1/12/2011	1/12/2011	1/12/2011	1/12/2011	1/12/2011	1/12/2011	1/12/2011	1/12/2011		1/12/2011	1/12/2011	1/12/2011	1/12/2011	1/12/2011	1/12/2011	1/12/2011	1/12/2011	1/12/2011	1/12/2011
27-44-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-45-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-46-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-47-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-48-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-49-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-50-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-51-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-52-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-53-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-54-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-55-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-56-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-57-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-58-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-59-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-60-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-61-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-62-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-63-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-64-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-65-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-66-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-67-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-68-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-69-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-70-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-71-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-72-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-73-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-74-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-75-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-76-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-77-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-78-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-79-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-80-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-81-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-82-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-83-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-84-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-85-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-86-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-87-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-88-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-89-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-90-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-91-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-92-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	
27-93-1	Asbestos	10,000	100,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000												

* Indicates that A/E is less than or equal to the specified resolution objective.

Parameter not analyzed

the toxicity criteria available for this route of exposure

Analytical results in bold indicate detected parameter

Analytical results in bold and shaded indicate detected parameter exceeds a TACD Tier 1 Soil Remediation Objective

Individual emotional needs influence the way we react to stressors. The 16 Self-Reflection Questionnaire

6. Indicated analytical results indicate H_2O for parameter is greater than 1700. If Soft Immediate Objective
 7. Then Fuzzy Chemistry Immediate Objective composed by the Fuzzy Triangle Argument (1000 - 1700 - 2400) is
 8. Indicated Objective 1000 - 1700 - 2400.

16. **Non TACO Chemicals; Remediation Objectives prepared by the HPM Toxicity**

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

[illegible]

4 Parameter not analyzed
 5 Its toxicity effects are critical for the results of exposure
 6 Analytical results in bold indicate observed parameter
 7 Analytical results in normal and smaller indicate observed parameter exceeds a TAC or Tier 1 Set Remedial Objective
 8 Indicates that ARA is less than or equal to the specified remediation objective
 9 Not TAC Chemicals, Set Remediation Objectives prepared by the EPA Toxicity Assessment that October 30, 2012
 10 Compliance objective for PAHs can be met by meeting other PAH Specific Tier 1 Remediation Objectives or Concentrations of PAH Chemicals in Background soils
 11 Exposure under Value in italics. Please refer to TAC Section 7B Table C and Table B and Non-TAC Chemicals Remediation Objectives as prepared by the EPA Toxicity Assessment Unit for specific PAH usage and approximate value
 12 Analyzed and detected (Yes) than Reporting Limit or Unknown (Between) Limit

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

[illegible]

1 - Document not analyzed

2 - No summary report available for this review of exposure

3 - Analytical methods in report indicate detection parameters

4 - Analytical methods in report not identical to detection parameters excepts a TQCD Tier 1 Soil Remediation Objective

5 - Analytical methods in report not identical to detection parameters excepts a TQCD Tier 1 Soil Remediation Objective

6 - Analytical methods in report indicate that, for parameter is greater than a Tier 1 Soil Remediation Objective

7 - Indicates that ARI is less than or equal to the specified remediation objective

8 - New TQCD Chemicals, Soil Remediation Objectives prepared by the EPA Toxicity Assessment Unit October 18, 2002

9 - Completion objectives for Site can be met by meeting other Borel - Specific, Tier 1 Remediation Objectives or Concentrations of PPA Chemicals in background Soil

10 - Analytical Values are not given. Please refer to EPA Section 106 Take-2 and Take-3 and TQCD Chemicals Remediation Objectives as prepared by the EPA Toxicity Assessment Unit for specific, site goals and acceptable values

11 - Analyte not detected due to non-reporting (N/A) or Minimum Detection Limit (MDL)

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

CAS #		Analytical Parameter	Exposure Route-Specific Values for Soils										Soil Component of the Groundwater				ADL	Concentration of PMA Chemicals in Background Soils**				1992-94-01		1994-95-01		1995-96-01		1996-97-01		1997-98-01		1998-99-01		1999-00-01		2000-01-01		2001-02-01		2002-03-01		2003-04-01		2004-05-01		2005-06-01		2006-07-01		2007-08-01		2008-09-01		2009-10-01		2010-11-01		2011-12-01		2012-13-01		2013-14-01		2014-15-01		2015-16-01		2016-17-01		2017-18-01		2018-19-01		2019-20-01		2020-21-01		2021-22-01		2022-23-01		2023-24-01		2024-25-01		2025-26-01		2026-27-01		2027-28-01		2028-29-01		2029-30-01		2030-31-01		2031-32-01		2032-33-01		2033-34-01		2034-35-01		2035-36-01		2036-37-01		2037-38-01		2038-39-01		2039-40-01		2040-41-01		2041-42-01		2042-43-01		2043-44-01		2044-45-01		2045-46-01		2046-47-01		2047-48-01		2048-49-01		2049-50-01		2050-51-01		2051-52-01		2052-53-01		2053-54-01		2054-55-01		2055-56-01		2056-57-01		2057-58-01		2058-59-01		2059-60-01		2060-61-01		2061-62-01		2062-63-01		2063-64-01		2064-65-01		2065-66-01		2066-67-01		2067-68-01		2068-69-01		2069-70-01		2070-71-01		2071-72-01		2072-73-01		2073-74-01		2074-75-01		2075-76-01		2076-77-01		2077-78-01		2078-79-01		2079-80-01		2080-81-01		2081-82-01		2082-83-01		2083-84-01		2084-85-01		2085-86-01		2086-87-01		2087-88-01		2088-89-01		2089-90-01		2090-91-01		2091-92-01		2092-93-01		2093-94-01		2094-95-01		2095-96-01		2096-97-01		2097-98-01		2098-99-01		2099-00-01		2100-01-01		2101-02-01		2102-03-01		2103-04-01		2104-05-01		2105-06-01		2106-07-01		2107-08-01		2108-09-01		2109-10-01		2110-11-01		2111-12-01		2112-13-01		2113-14-01		2114-15-01		2115-16-01		2116-17-01		2117-18-01		2118-19-01		2119-20-01		2120-21-01		2121-22-01		2122-23-01		2123-24-01		2124-25-01		2125-26-01		2126-27-01		2127-28-01		2128-29-01		2129-30-01		2130-31-01		2131-32-01		2132-33-01		2133-34-01		2134-35-01		2135-36-01		2136-37-01		2137-38-01		2138-39-01		2139-40-01		2140-41-01		2141-42-01		2142-43-01		2143-44-01		2144-45-01		2145-46-01		2146-47-01		2147-48-01		2148-49-01		2149-50-01		2150-51-01		2151-52-01		2152-53-01		2153-54-01		2154-55-01		2155-56-01		2156-57-01		2157-58-01		2158-59-01		2159-60-01		2160-61-01		2161-62-01		2162-63-01		2163-64-01		2164-65-01		2165-66-01		2166-67-01		2167-68-01		2168-69-01		2169-70-01		2170-71-01		2171-72-01		2172-73-01		2173-74-01		2174-75-01		2175-76-01		2176-77-01		2177-78-01		2178-79-01		2179-80-01		2180-81-01		2181-82-01		2182-83-01		2183-84-01		2184-85-01		2185-86-01		2186-87-01		2187-88-01		2188-89-01		2189-90-01		2190-91-01		2191-92-01		2192-93-01		2193-94-01		2194-95-01		2195-96-01		2196-97-01		2197-98-01		2198-99-01		2199-00-01		2200-01-01		2201-02-01		2202-03-01		2203-04-01		2204-05-01		2205-06-01		2206-07-01		2207-08-01		2208-09-01		2209-10-01		2210-11-01		2211-12-01		2212-13-01		2213-14-01		2214-15-01		2215-16-01		2216-17-01		2217-18-01		2218-19-01		2219-20-01		2220-21-01		2221-22-01		2222-23-01		2223-24-01		2224-25-01		2225-26-01		2226-27-01		2227-28-01		2228-29-01		2229-30-01		2230-31-01		2231-32-01		2232-33-01		2233-34-01		2234-35-01		2235-36-01		2236-37-01		2237-38-01		2238-39-01		2239-40-01		2240-41-01		2241-42-01		2242-43-01		2243-44-01		2244-45-01		2245-46-01		2246-47-01		2247-48-01		2248-49-01		2249-50-01		2250-51-01		2251-52-01		2252-53-01		2253-54-01		2254-55-01		2255-56-01		2256-57-01		2257-58-01		2258-59-01		2259-60-01		2260-61-01		2261-62-01		2262-63-01		2263-64-01		2264-65-01		2265-66-01		2266-67-01		2267-68-01		2268-69-01		2269-70-01		2270-71-01		2271-72-01		2272-73-01		2273-74-01		2274-75-01		2275-76-01		2276-77-01		2277-78-01		2278-79-01		2279-80-01		2280-81-01		2281-82-01		2282-83-01		2283-84-01		2284-85-01		2285-86-01		2286-87-01		2287-88-01		2288-89-01		2289-90-01		2290-91-01		2291-92-01		2292-93-01		2293-94-01		2294-95-01		2295-96-01		2296-97-01		2297-98-01		2298-99-01		2299-00-01		2300-01-01		2301-02-01		2302-03-01		2303-04-01		2304-05-01		2305-06-01		2306-07-01		2307-08-01		2308-09-01		2309-10-01		2310-11-01		2311-12-01		2312-13-01		2313-14-01		2314-15-01		2315-16-01		2316-17-01		2317-18-01		2318-19-01		2319-20-01		2320-21-01		2321-22-01		2322-23-01		2323-24-01		2324-25-01		2325-26-01		2326-27-01		2327-28-01		2328-29-01		2329-30-01		2330-31-01		2331-32-01		2332-33-01		2333-34-01		2334-35-01		2335-36-01		2336-37-01		2337-38-01		2338-39-01		2339-40-01		2340-41-01		2341-42-01		2342-43-01		2343-44-01		2344-45-01		2345-46-01		2346-47-01		2347-48-01		2348-49-01		2349-50-01		2350-51-01		2351-52-01		2352-53-01		2353-54-01		2354-55-01		2355-56-01		2356-57-01		2357-58-01		2358-59-01		2359-60-01		2360-61-01		2361-62-01		2362-63-01		2363-64-01		2364-65-01		2365-66-01		2366-67-01		2367-68-01		2368-69-01		2369-70-01		2370-71-01		2371-72-01		2372-73-01		2373-74-01		2374-75-01		2375-76-01		2376-77-01		2377-78-01		2378-79-01		2379-80-01		2380-81-01		2381-82-01		2382-83-01		2383-84-01		2384-85-01		2385-86-01		2386-87-01		2387-88-01		2388-89-01		2389-90-01		2390-91-01		2391-92-01		2392-93-01		2393-94-01		2394-95-01		2395-96-01		2396-97-01		2397-98-01		2398-99-01		2399-00-01		2400-01-01		2401-02-01		2402-03-01		2403-04-01		2404-05-01		2405-06-01		2406-07-01		2407-08-01		2408-09-0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Soil Analytical Results Table - Inorganics and pH
City of Boulder - 151 West Main Street/142 West Wood Street

[illegible][illegible]

19 Parameter not evaluated
20 The toxicity criteria suitable for the toxic effects of exposure
21 evaluation based on health outcome directed parameter
22 Parameter results in bold and outlined directed parameter results a TACO Tier 1 Self Remediation Objective
23
24 **Revised Analytical Objectives include:** for parameter greater than 100 mg/l Tier 1 Self Remediation Objective
25 **Intake-based Analytical Objective for Mercury** only applies to sites where chemical analysis is a component of assessment
26 **Not TACO Chemicals, Remediation Objective** as required by the GWATU Remedial Assessment Plan - Updated October 26, 2011
27 **Analysis not detected** (less than Reporting Limit or Minimum Detection Limit)

- 5. Is outcome then 000, 1 or 2 then or equal to the specified coordination objective
- 6. Parameter not assigned
- 7. No facility credits available for this range of exposure
- 8. Analytical results available through parameter
- 9. Analytical results, to build and build indicate directed parameter exceeds a 100 T or 1 Self Remediation Objective
- 10. Indicated analytical results indicate 100 or parameter is greater than the 1 Self Remediation Objective
- 11. Non TACD Chemicals, Remediation Objectives, prepared by the 1000 Twenty Assessment Unit - updated October 26, 1994
- 12. Analytical not detected does not Reporting limit or Remediation Objective limit

Attachment 5

Groundwater Analytical Results Tables

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

[illegible]

Groundwater Results Table - Page 3 of 5

Groundwater Analytical Results Table - Inorganics
City of Decatur - 181 West Main Street/142 West Wood Street

CAS #	Analytical Parameter	Tier 1 Groundwater Remediation Objectives for the Groundwater Component of the Groundwater Response Study		T30207-04		T30207-05		T30207-01		T30207-02		T30207-04	
		34026-TW1		34026-TW2		34026-TW3		34026-TW4		34026-TW5		34026-TW6	
		Date Sampled:	9/16/2015	Date Sampled:	9/16/2015	Date Sampled:	9/16/2015	Date Sampled:	9/16/2015	Date Sampled:	9/16/2015	Date Sampled:	9/16/2015
		Class I (mg/L)	Class II (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)	Qualifier	Result (mg/L)
7440-36-2	Arsenic	0.05	0.2		0.0140		0.0100	U	0.0100	U	0.0100	U	0.0100
7440-37-3	Borates	2.0	2.0		0.217		0.144		0.139		0.179	U	0.0248
7440-39-9	Cadmium	0.005	0.05	U	0.0000	U	0.0000	U	0.0000	U	0.0000	U	0.0000
7440-47-3	Chromium (total)	0.1	1.0	U	0.0000		0.0234		0.0000		0.00140	U	0.0000
7439-92-1	Cu	0.0075	0.1		0.0013		0.0004		0.0004		0.00044	U	0.0000
7439-97-6	Mercury	0.000	0.04	U	0.00000	U	0.00000	U	0.00000	U	0.00000	U	0.00000
7782-49-2	Selenium	0.05	0.05	U	0.0000	U	0.0000	U	0.0000	U	0.0000	U	0.0000
7782-50-6	Silver	0.05		U	0.0000	U	0.0000	U	0.0000	U	0.0000	U	0.0000

-D Parameter not analyzed
 -C No toxicity criteria available for this route of exposure except for (HexC) at most non-carcinogenic potential
 P Analytical results in bold and shaded indicate detected parameter exceeds a TACO Tier 1 Soil Remediation Objective
 B Boldfaced analytical results indicate RL for parameter is greater than a Tier 1 Soil Remediation Objective
 NRO No Remediation Objective established
 H New TACO Chemicals Remediation Objectives prepared by the EPA's Toxicity Assessment Unit Updated October 18, 2012
 U Analysis not detected (less than Reporting Limit or minimum Detection Limit)

Groundwater Analytical Results Table - Pesticides and PCBs
City of Decatur - 181 West Main Street/142 West Wood Street

		Tier 1 Groundwater Remediation Objective for the Groundwater Component of the Groundwater Protection Study				T00007-01		T00007-02		T00007-03		T00007-04		T00007-05		T00007-06	
		Ingestion Route				34020-TW1		34020-TW2		34020-TW3		34020-TW4 DUP		34020-TW5 DUP		34020-TW6	
		Date Sampled:		12/18/2015		Date Sampled:		12/18/2015		Date Sampled:		12/18/2015		Date Sampled:		12/18/2015	
		Qual/Res		Result (mg/L)		Qual/Res		Result (mg/L)		Qual/Res		Result (mg/L)		Qual/Res		Result (mg/L)	
CAS #	Analytical Parameter	Class I		Class II		Qual/Res		Result (mg/L)		Qual/Res		Result (mg/L)		Qual/Res		Result (mg/L)	
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
2254-8	DDT	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-9	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-1	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-2	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-3	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-4	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-5	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-6	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-7	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-8	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-9	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-1	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-2	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-3	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-4	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-5	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-6	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-7	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-8	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-9	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-1	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-2	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-3	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-4	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-5	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-6	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-7	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-8	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-9	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-1	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-2	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-3	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-4	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-5	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-6	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-7	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-8	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-9	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-1	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-2	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-3	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-4	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-5	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-6	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-7	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-8	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-9	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-1	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-2	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-3	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-4	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-5	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-6	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-7	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-8	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-9	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-1	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-2	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-3	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-4	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-5	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-6	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-7	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-8	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-9	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-1	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-2	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-3	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-4	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-5	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-6	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-7	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-8	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-9	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-1	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-2	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-3	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-4	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-5	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-6	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-7	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-8	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-9	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-1	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-2	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-3	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-4	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-5	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-6	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-7	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-8	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-9	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-1	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-2	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2254-3	DDE	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		

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-Dichloroethene	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*cis-1,2-Dichloroethene	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*trans-1,2-Dichloroethene	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-Dichloroethene	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-Dichloroethene	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*cis-1,2-Dichloroethene	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*trans-1,2-Dichloroethene	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

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

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) 755-1114
 Chicago Office: 1114 Virginia Rd Ste 112 Lake in the Hills, IL 60156 Phone: (647) 621-2604 Fax: (647) 621-4604
 Central Southern II Office: Phone: (217) 414-7762 Fax: (217) 224-7922



Client Fehr Graham		Analysis and/or Method Requested				Reporting	
Address 200 Prairie St, Suite 208		TEL VOCs, TEL SVOCs, TEL PCBs, TEL PAHs, TEL VOCs TEL VOCs, TEL SVOCs, TEL PCBs, TEL PAHs, TEL VOCs				☐ Resid ☐ Ind/Comm ☐ A ☐ G ☐ B ☐ E ☐ C ☐ F ☐ Resid ☐ Indust	
City, State, Zip Code Rockford, IL 61107						TACO	
Phone / Facsimile 815-394-4700						CALM	
Project Name / Number 12-1394 A03M - TICH PROPERTIES						RISC	
Project Location DeCATUR, IL						Sampler Comments	
P.O. # or Invoice To Fehr Graham							
Contact Person ERICA TOLED							
Sample Description	Date	Sampling Time	Matrix Code	Preserv Code	No. of Containers	Sample Type	
34513-SB9@153-115	9/17/15	8:40am	S	5/0	7	Comp	X
34514-SB7@2-3'	9/17/15	9:00am			↓	Grab	
34515-SB7 DUP@2-3'	9/17/15	9:00am			14		
34516-SB7-MS/MSD@2-3'	9/17/15	9:00am			7		
34517-SB6@9-10'	9/17/15	10:20am					
34518-SB6@24-25'	9/17/15	10:25am					
34519-SB8@2-3'	9/17/15	11:05am					
34520-SB1@20-21'	9/17/15	11:45am					
34521-SB2@2-3'	9/17/15	12:35pm					
34522-SB2@21-22'	9/17/15	12:40pm					
Pres Blank	9/17/15	2:00pm	A	5	3		X
TRIP Blank	9/17/15	2:00pm	A	1	1		X
Relinquished By Erica Toled		Date 9/17/15	Time 2:40pm	Received By [Signature]		Date 9-18-15	Time 10:15
Method of Shipment UPS		Tracking # 9505 1111 1111		Signature [Signature]		Date 9-18-15	
Signature [Signature]		Date 9-18-15		Signature [Signature]		Date 9-18-15	



Tuesday, September 29, 2015

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

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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.

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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

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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

Carroll II 1210 Capital Airport Drive • Springfield II, 62777-8440 Phone: (217) 753-1135 • Fax: (217) 753-1112
 Chevrolet II Office • 1114 Niagara Pl. Ste. 112, Lake in the Hills II 60156 Phone: (815) 631-2121 • Fax: (815) 631-9456
 Chevrolet/Southern II Office • Phone: (217) 414-7702 • Fax: (217) 223-7422



Analytical
Systems.

www.pariscapital.com

[illegible]

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

RESOLUTION NO. R2017-143

**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:

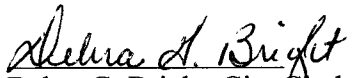
Section 1. That the Agreement between the City of Decatur and MDA Properties, LLC, dated April 17, 2017 regarding the redevelopment of property more fully described on Exhibit A of said Agreement, previously approved by Resolution R2017-59 be, and it is hereby, amended.

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:

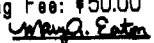

Debra G. Bright, City Clerk

Refers to Book 4558 Page 485 Doc#1918037



Macon Co., Illinois
S.S. by Mary A. Eaton, Recorder
Book: 4598 Page: 271

Receipt #: 88365
Pages Recorded: 2

Recording Fee: \$50.00
Authorized By 

Date Recorded: 12/6/2017 1:08:59 PM

AMENDMENT

THIS AMENDMENT ("Amendment") is entered into this 4th day of December, 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

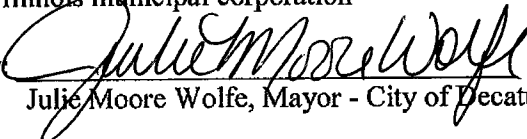
WHEREAS, in order to facilitate the additional development, the City and the Developer desire to amend certain terms and conditions in the agreement as provided in this Amendment.

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.

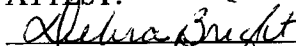
IN WITNESS WHEREOF, the parties hereto have executed this Agreement and caused their respective seals to be affixed and attested thereto as of the date first above written.

CITY OF DECATUR, ILLINOIS,
an Illinois municipal corporation

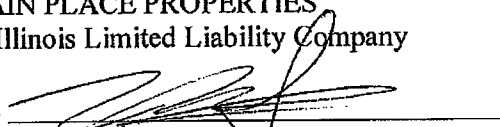
By: 

Julie Moore Wolfe, Mayor - City of Decatur

ATTEST:


Debra Bright, City Clerk

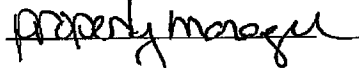
MAIN PLACE PROPERTIES
an Illinois Limited Liability Company

By: 

Its 

ATTEST:



Its 



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
<u>resolution</u>	Cover Memo
<u>agreement</u>	Cover Memo
<u>signed amendment</u>	Cover Memo

1918037

RESOLUTION NO. R2017-59

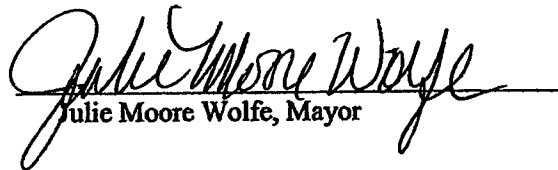
RESOLUTION AUTHORIZING REDEVELOPMENT AGREEMENT
MDA PROPERTIES, LLC

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.

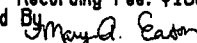
PRESENTED and ADOPTED this 17th day of April, 2017.


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
Pages Recorded: 114
Recording Fee: \$160.00
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 redevelopment 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 either 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:

Jodi L. Ferguson
Its Associate, Brechnitz Group

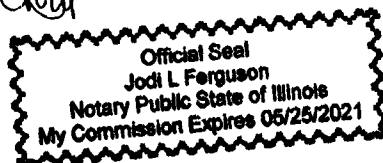


EXHIBIT A

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
<u>Alley Repairs</u>	<u>\$37,000</u>
Total	\$1,705,500

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

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.

September 30, 2015

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.

September 30, 2015

Mr. Billy Tyus

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

September 30, 2015
Mr. Billy Tyus
Focused Phase II ESA - 151 West Main Street/152 West Wood Street
Page 6

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)

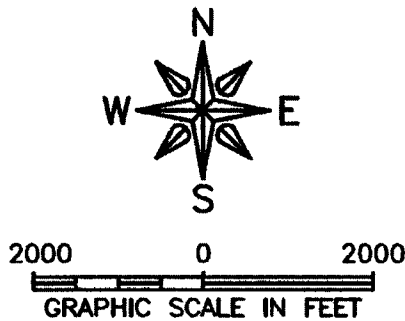
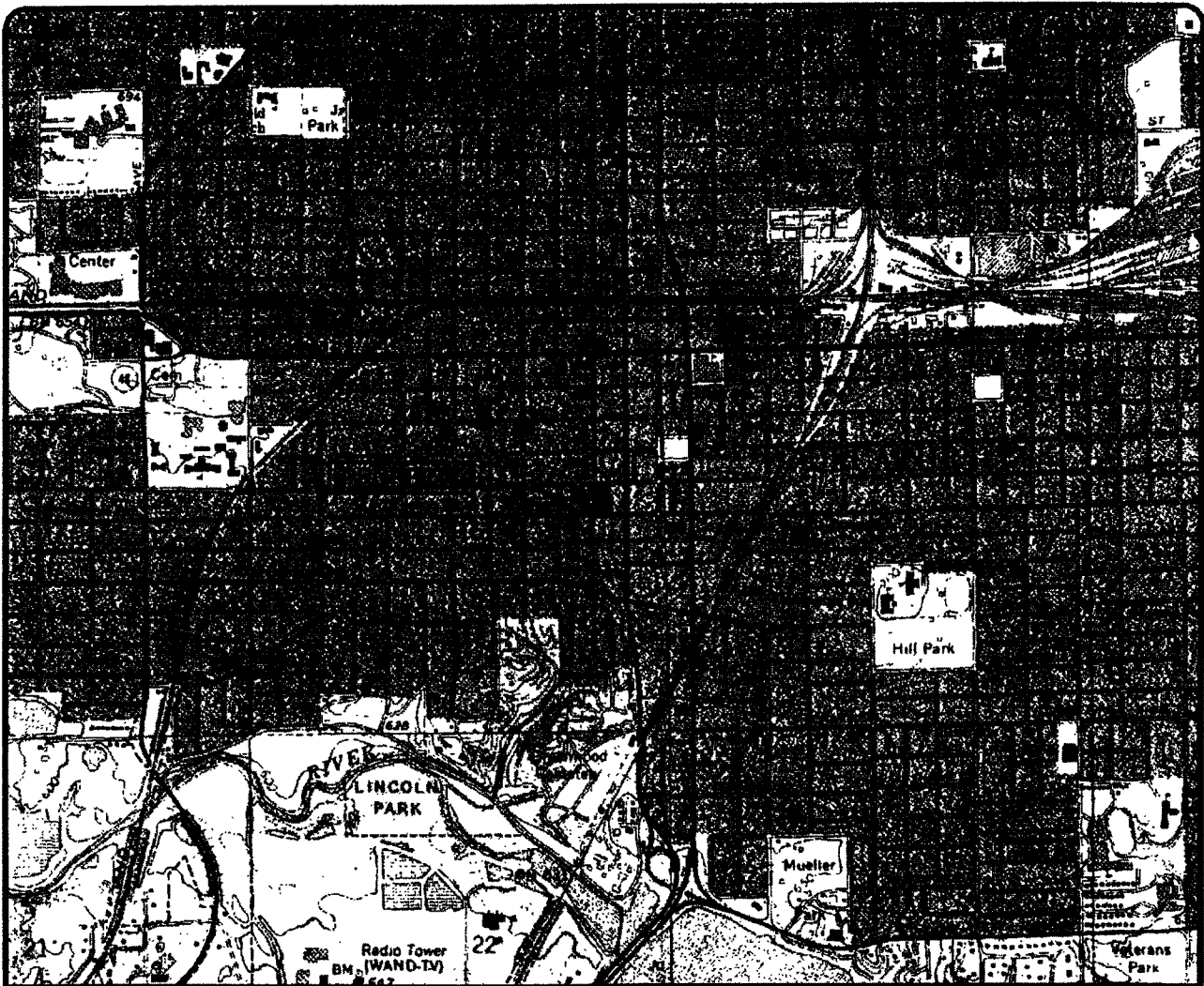
Attachments:

- 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



SITE VICINITY MAP
DECATUR
151 WEST MAIN STREET AND
142 WEST WOOD STREET
DECATUR, ILLINOIS, 76122

09/30/15

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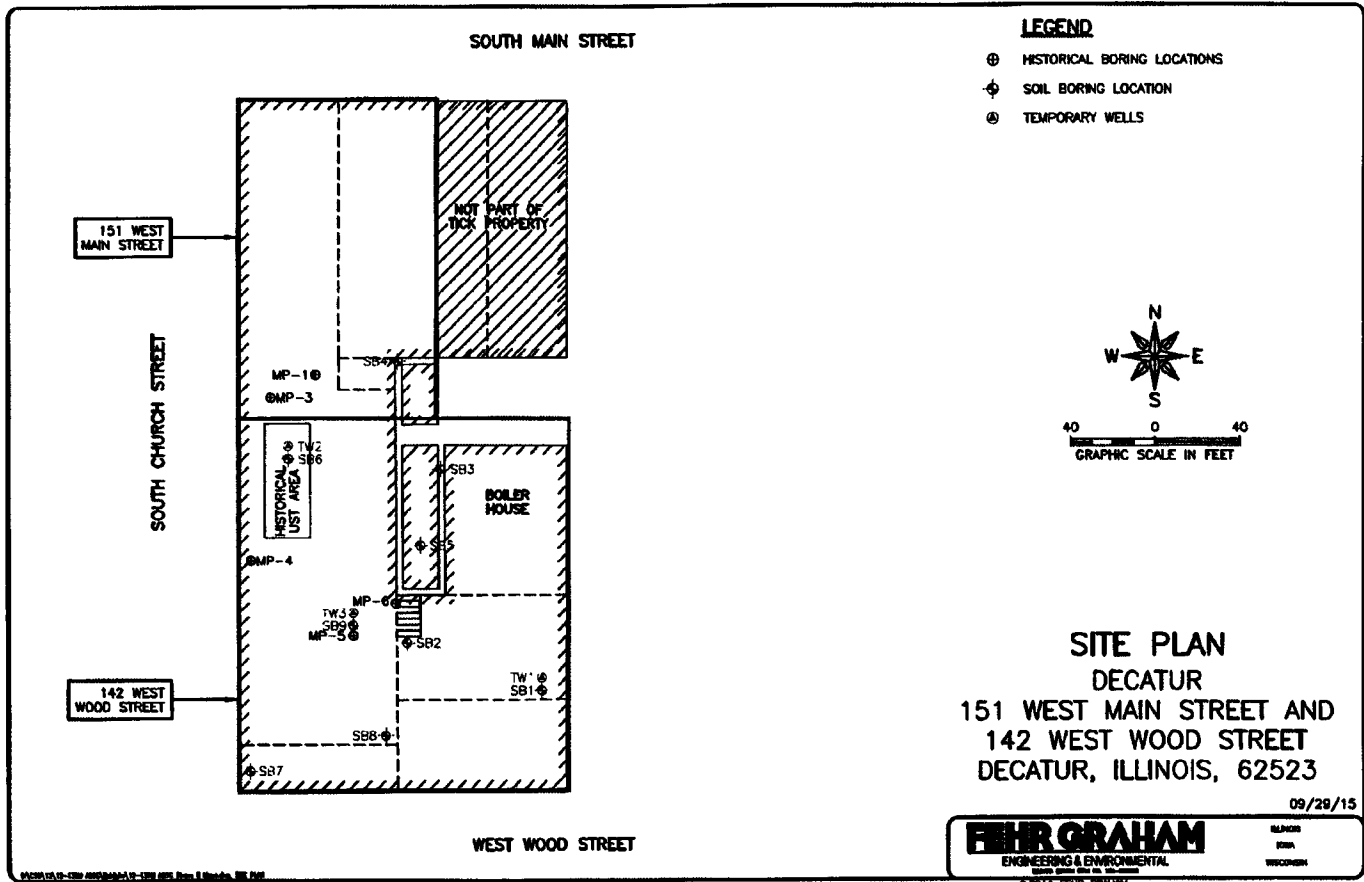
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09/30/15 12-130H A050/54840/12-130H A050 Photo II USGS Maps.org VICINITY

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Attachment 2

Site Plan



Attachment 3
Soil Boring Logs

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BORING NUMBER SB1

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
					Light brown sandy, silty, clay with well rounded coarse sand to fine gravel, moderately soft.	0.0
	MAC	100				0.0
5						0.0
	DT	50	CL- ML			0.0
						0.0
10						0.0
	DT	100				0.0
						0.0
15						0.0
	DT	70	CL- ML		15.0 Light brown sandy, silty, clay with well rounded coarse sand to fine gravel, dense.	0.0
						0.0
						0.0
20						0.0
	DT	83	SM		19.6 Medium gray fine to medium, moderately sorted sand with silt with some degraded petroleum odor.	1427.0
						1518.0
						1570.0
						902.0
25						1503.0
			CH		24.5 Light brown high plasticity clay, moderately soft with some degraded petroleum odor.	
					25.0 Bottom of hole at 25.0 feet.	

FEHR GRAHAM

ENGINEERING & ENVIRONMENTAL

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 ---

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
						4.2
15			SP			4.9
						6.5
	DT	70				5.4
						4.5
					19.0	
					Light brown silt, low plasticity, moderately dense, moist to wet.	1.4
20			ML			34.5
						6.8
	DT	83				4.2
					24.0	
			CLG		Light gray, low plasticity stiff clay with well rounded gravel.	4.4
25					25.0	
					Bottom of hole at 25.0 feet.	

GENERAL BH / TP / WELL 12-139H A03M- SOIL LOGS.GPJ GINT US.GDT 9/23/15

FEHR GRAHAM

ENGINEERING & ENVIRONMENTAL

BORING NUMBER SB3

PAGE 1 OF 1

CLIENT City of Decatur PROJECT NAME Tick Properties
 PROJECT NUMBER 12-139H A03M PROJECT LOCATION 151 West Main Street/ 142 West Wood Street
 DATE STARTED 9/16/15 COMPLETED 9/16/15 GROUND ELEVATION _____ HOLE SIZE 2"
 DRILLING CONTRACTOR Earth Solutions GROUND WATER LEVELS: _____
 DRILLING METHOD Geoprobe 420M Hand Cart Macro-Core Sampler AT TIME OF DRILLING _____
 LOGGED BY Erica Toledo CHECKED BY Joel Zirke AT 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 Light brown sandy clay, very dense, low plasticity, wet at 9' bgs.	855
			CL			958
						879
			CL			824
10					10.0 Olive gray clay with sand, moist to wet.	768
	MAC	100				15000
			CL			262
					13.0 Hand cart refusal at 13' bgs.	56.2
					Bottom of hole at 13.0 feet.	

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

FEHR GRAHAM

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 9/16/15GROUND 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	0.0
	MAC	100			Medium reddish brown sandy clay, low plasticity, dense.	0.0
						0.0
5	MAC	100				0.0
						0.0
			CL			49.1
						27.9
	MAC	100				11.4
10						2.1
						1.1
					11.0 Medium brown sandy clay, low plasticity, some dark brown staining and odor at 16' bgs.	6.5
						9.1
	MAC	100	CL			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- SOL 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	336
	MAC	100			Light brownish gray sandy, high plasticity clay, stiff, odorous.	860
						630
			CH			791
5	MAC	100				759
						1018
					6.5 Light brownish gray sandy, high plasticity clay, stiff, odorous with coarse, well rounded sand.	606
						1147
	MAC	100				962.7
10			CH			57.2
						568
						420
						969
	MAC	80			13.0 Light brown to medium gray silty sand, wet to saturated, odorous.	560
15			SM			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

FEHR GRAHAM

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 ---

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
					13.8
5					14.6
				5.3 Light brown gravelly silt, very soft, sticky, low plasticity, with some degraded petroleum odor.	3.3
	DT	50	MLG		6.6
					9.7
				9.0	38.7
10			MLG	10.0 Very dark brown gravelly silt, very soft, sticky, low plasticity with some degraded petroleum odor.	1089
				Light gray to light brown low plasticity, sandy clay, moist, slight petroleum odor.	79.6
	DT	100	CL		31.8
					128.3
					1570.0
15					231.0
				15.0 Light brown silt with fine, well rounded, gravel and fine to medium sand, dense.	56.8
	DT	100	ML		14.5
					25.2
				18.5 Light grayish brown, very dense, silt with sand, low plasticity.	81.6
20			ML		503.4
				20.0 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
				25.0 Bottom of hole at 25.0 feet.	

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

FEHR GRAHAM

ENGINEERING & ENVIRONMENTAL

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 ---

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			CL-ML			0.0
	DT	100				0.0
10			CL-ML			0.0
	DT	100				0.0
			CL-ML		10.3 Medium brown silty clay with well rounded sand and fine gravel, low plasticity, very stiff.	0.0
	DT	100				0.0
			SM		13.1 Medium brown silt and sand, poorly sorted, fine to coarse grained, wet to saturated.	0.0
15			SM		14.5 No Recovery	0.0
	DT	100			15.0 Light gray to olive gray silty fine to coarse sand, saturated.	0.0
			CL		17.0 Light grayish brown very stiff low plasticity clay.	0.0
20					20.0 Bottom of hole at 20.0 feet.	0.0

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

FEHR GRAHAM

ENGINEERING & ENVIRONMENTAL

BORING NUMBER SB9

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- SOL 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	0.5
					Light brown silty, clayey, sand, dense, fill.	0.5
	DT	100	CL- ML			0.7
5						1.3
						0.3
					5.5	
					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
					15.0	
			SM		Light brown silty fine to medium sand, wet to saturated.	98.6
					Medium gray silty sand and grave with degraded petroleum odor.	535.5
	DT	80	ML			277.6
						26.5
20						13.5
					20.0	
					Bottom of hole at 20.0 feet.	

Attachment 4

Soil Analytical Results Tables

Soil Analysis Results Table - Volatile Organic Compounds
City of Boulder - 155 West Main Street/142 West Wood Street

[illegible]

- * Indicates that IIR is less than or equal to the specified confidence objective
- † Parameter not analyzed
- ‡ Not totally critical; suitable for this range of exposure
- § Analytical results in bold indicate detected parameter
- || Analytical results in bold and shaded indicate detected parameter associated with TSCQ Tier 1 Full Remediation Objective
- ¶ Analytical results in bold and shaded indicate detected parameter associated with TSCQ Tier 2 Full Remediation Objective
- ‡ Analytical results in bold and shaded indicate detected parameter associated with TSCQ Tier 3 Full Remediation Objective
- § Analytical not detected from this Reporting Unit or Minimum Detection Limit

Soil Analytical Results Table - Semi-Volatiles Organic Compound
City of Denver - 333 West Main Street/343 West Main Street

[illegible]

• Parameter entry completed
 • No liability offers available for this entry of exposure
 • Analytical results for this liability should be generated
 • Analytical results are sent and should include characterization across a TOCO for the 1st Nonstandard Exposure
 • Indicated analytical results indicate if the parameter is greater than a Tier 2 but Nonstandard Exposure
 • If Tier 2, then this tier is open to optional classification exposure
 • For TOCO Characteristic, Self-Inspection: Questions generated by the (10) Tiered Nonstandard Exposure
 • Compliance questions for this tier can be found in the other Assets. (All 1 Nonstandard Exposure) or Compliance of PPA Character to Nonstandard Self
 • Exposure Audit: Review a set of questions, the answer for the 10 Self-Inspection Tier 2 and Table 6 and Table 6-2000 Character Nonstandard Exposure is prepared by the 1000 Tiered Nonstandard Exposure for the 1000 set up and appropriate values
 • Answer and document from Non-Reporting Unit (the Non-Reporting Unit)

Full Analytical Results Table - Semi-Volatile Organic Compounds
City of Boulder - 151 West Main Street/142 West Wood Street

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1st Growth Cycle - Page 9 of 19

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

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Sect Revenue Table - Page 4 of 4

Soil Analytical Results Table - Inorganics and pH
City of Seattle - 154 West Main Street/142 West Wood Street

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Salt analytical results Table • Organic and pH
City of Decatur • 151 West Main Street/142 West Wood Street

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Soil Analysis Results Table - Residential and PCB
City of Denver 101 West Main Street/141 West Wood Street

Soil Sample ID		Soil Sample Description		Dryness Based Results Value for Soil										Soil Management of the Contaminant Based on the Dryness Based Results Value	Soil		PCB-01		PCB-02		PCB-03		PCB-04		PCB-05		PCB-06		PCB-07		PCB-08		PCB-09		PCB-10		PCB-11		PCB-12		PCB-13		PCB-14		PCB-15		PCB-16		PCB-17		PCB-18		PCB-19		PCB-20		PCB-21		PCB-22		PCB-23		PCB-24		PCB-25		PCB-26		PCB-27		PCB-28		PCB-29		PCB-30		PCB-31		PCB-32		PCB-33		PCB-34		PCB-35		PCB-36		PCB-37		PCB-38		PCB-39		PCB-40		PCB-41		PCB-42		PCB-43		PCB-44		PCB-45		PCB-46		PCB-47		PCB-48		PCB-49		PCB-50		PCB-51		PCB-52		PCB-53		PCB-54		PCB-55		PCB-56		PCB-57		PCB-58		PCB-59		PCB-60		PCB-61		PCB-62		PCB-63		PCB-64		PCB-65		PCB-66		PCB-67		PCB-68		PCB-69		PCB-70		PCB-71		PCB-72		PCB-73		PCB-74		PCB-75		PCB-76		PCB-77		PCB-78		PCB-79		PCB-80		PCB-81		PCB-82		PCB-83		PCB-84		PCB-85		PCB-86		PCB-87		PCB-88		PCB-89		PCB-90		PCB-91		PCB-92		PCB-93		PCB-94		PCB-95		PCB-96		PCB-97		PCB-98		PCB-99		PCB-100		PCB-101		PCB-102		PCB-103		PCB-104		PCB-105		PCB-106		PCB-107		PCB-108		PCB-109		PCB-110		PCB-111		PCB-112		PCB-113		PCB-114		PCB-115		PCB-116		PCB-117		PCB-118		PCB-119		PCB-120		PCB-121		PCB-122		PCB-123		PCB-124		PCB-125		PCB-126		PCB-127		PCB-128		PCB-129		PCB-130		PCB-131		PCB-132		PCB-133		PCB-134		PCB-135		PCB-136		PCB-137		PCB-138		PCB-139		PCB-140		PCB-141		PCB-142		PCB-143		PCB-144		PCB-145		PCB-146		PCB-147		PCB-148		PCB-149		PCB-150		PCB-151		PCB-152		PCB-153		PCB-154		PCB-155		PCB-156		PCB-157		PCB-158		PCB-159		PCB-160		PCB-161		PCB-162		PCB-163		PCB-164		PCB-165		PCB-166		PCB-167		PCB-168		PCB-169		PCB-170		PCB-171		PCB-172		PCB-173		PCB-174		PCB-175		PCB-176		PCB-177		PCB-178		PCB-179		PCB-180		PCB-181		PCB-182		PCB-183		PCB-184		PCB-185		PCB-186		PCB-187		PCB-188		PCB-189		PCB-190		PCB-191		PCB-192		PCB-193		PCB-194		PCB-195		PCB-196		PCB-197		PCB-198		PCB-199		PCB-200		PCB-201		PCB-202		PCB-203		PCB-204		PCB-205		PCB-206		PCB-207		PCB-208		PCB-209		PCB-210		PCB-211		PCB-212		PCB-213		PCB-214		PCB-215		PCB-216		PCB-217		PCB-218		PCB-219		PCB-220		PCB-221		PCB-222		PCB-223		PCB-224		PCB-225		PCB-226		PCB-227		PCB-228		PCB-229		PCB-230		PCB-231		PCB-232		PCB-233		PCB-234		PCB-235		PCB-236		PCB-237		PCB-238		PCB-239		PCB-240		PCB-241		PCB-242		PCB-243		PCB-244		PCB-245		PCB-246		PCB-247		PCB-248		PCB-249		PCB-250		PCB-251		PCB-252		PCB-253		PCB-254		PCB-255		PCB-256		PCB-257		PCB-258		PCB-259		PCB-260		PCB-261		PCB-262		PCB-263		PCB-264		PCB-265		PCB-266		PCB-267		PCB-268		PCB-269		PCB-270		PCB-271		PCB-272		PCB-273		PCB-274		PCB-275		PCB-276		PCB-277		PCB-278		PCB-279		PCB-280		PCB-281		PCB-282		PCB-283		PCB-284		PCB-285		PCB-286		PCB-287		PCB-288		PCB-289		PCB-290		PCB-291		PCB-292		PCB-293		PCB-294		PCB-295		PCB-296		PCB-297		PCB-298		PCB-299		PCB-300		PCB-301		PCB-302		PCB-303		PCB-304		PCB-305		PCB-306		PCB-307		PCB-308		PCB-309		PCB-310		PCB-311		PCB-312		PCB-313		PCB-314		PCB-315		PCB-316		PCB-317		PCB-318		PCB-319		PCB-320		PCB-321		PCB-322		PCB-323		PCB-324		PCB-325		PCB-326		PCB-327		PCB-328		PCB-329		PCB-330		PCB-331		PCB-332		PCB-333		PCB-334		PCB-335		PCB-336		PCB-337		PCB-338		PCB-339		PCB-340		PCB-341		PCB-342		PCB-343		PCB-344		PCB-345		PCB-346		PCB-347		PCB-348		PCB-349		PCB-350		PCB-351		PCB-352		PCB-353		PCB-354		PCB-355		PCB-356		PCB-357		PCB-358		PCB-359		PCB-360		PCB-361		PCB-362		PCB-363		PCB-364		PCB-365		PCB-366		PCB-367		PCB-368		PCB-369		PCB-370		PCB-371		PCB-372		PCB-373		PCB-374		PCB-375		PCB-376		PCB-377		PCB-378		PCB-379		PCB-380		PCB-381		PCB-382		PCB-383		PCB-384		PCB-385		PCB-386		PCB-387		PCB-388		PCB-389		PCB-390		PCB-391		PCB-392		PCB-393		PCB-394		PCB-395		PCB-396		PCB-397		PCB-398		PCB-399		PCB-400		PCB-401		PCB-402		PCB-403		PCB-404		PCB-405		PCB-406		PCB-407		PCB-408		PCB-409		PCB-410		PCB-411		PCB-412		PCB-413		PCB-414		PCB-415		PCB-416		PCB-417		PCB-418		PCB-419		PCB-420		PCB-421		PCB-422		PCB-423		PCB-424		PCB-425		PCB-426		PCB-427		PCB-428		PCB-429		PCB-430		PCB-431		PCB-432		PCB-433		PCB-434		PCB-435		PCB-436		PCB-437		PCB-438		PCB-439		PCB-440		PCB-441		PCB-442		PCB-443		PCB-444		PCB-445		PCB-446		PCB-447		PCB-448		PCB-449		PCB-450		PCB-451		PCB-452		PCB-453		PCB-454		PCB-455		PCB-456		PCB-457		PCB-458		PCB-459		PCB-460		PCB-461		PCB-462		PCB-463		PCB-464		PCB-465		PCB-466		PCB-467		PCB-468		PCB-469		PCB-470		PCB-471		PCB-472		PCB-473		PCB-474		PCB-475		PCB-476		PCB-477		PCB-478		PCB-479		PCB-480		PCB-481		PCB-482		PCB-483		PCB-484		PCB-485		PCB-486		PCB-487		PCB-488		PCB-489		PCB-490		PCB-491		PCB-492		PCB-493		PCB-494		PCB-495		PCB-496		PCB-497		PCB-498		PCB-499		PCB-500		PCB-501		PCB-502		PCB-503		PCB-504		PCB-505		PCB-506		PCB-507		PCB-508		PCB-509		PCB-510		PCB-511		PCB-512		PCB-513		PCB-514		PCB-515		PCB-516		PCB-517		PCB-518		PCB-519		PCB-520		PCB-521		PCB-522		PCB-523		PCB-524		PCB-525		PCB-526		PCB-527		PCB-528		PCB-529		PCB-530		PCB-531		PCB-532		PCB-533		PCB-534		PCB-535		PCB-536		PCB-537		PCB-538		PCB-539		PCB-540		PCB-541		PCB-542		PCB-543		PCB-544		PCB-545		PCB-546		PCB-547		PCB-548		PCB-549		PCB-550		PCB-551		PCB-552		PCB-553		PCB-554		PCB-555		PCB-556		PCB-557		PCB-558		PCB-559		PCB-560		PCB-561		PCB-562		PCB-563		PCB-564		PCB-565		PCB-566		PCB-567		PCB-568		PCB-569		PCB-570		PCB-571		PCB-572		PCB-573		PCB-574		PCB-575		PCB-576		PCB-577		PCB-578		PCB-579		PCB-580		PCB-581		PCB-582		PCB-583		PCB-584		PCB-585		PCB-586		PCB-587		PCB-588		PCB-589		PCB-590		PCB-591		PCB-592		PCB-593		PCB-594		PCB-595		PCB-596		PCB-597		PCB-598		PCB-599		PCB-600		PCB-601		PCB-602		PCB-603		PCB-604		PCB-605		PCB-606		PCB-607		PCB-608		PCB-609		PCB-610		PCB-611		PCB-612		PCB-613		PCB-614		PCB-615		PCB-616		PCB-617		PCB-618		PCB-619		PCB-620		PCB-621		PCB-622		PCB-623		PCB-624		PCB-625		PCB-626		PCB-627		PCB-628		PCB-629		PCB-630		PCB-631		PCB-632		PCB-633		PCB-634		PCB-635		PCB-636		PCB-637		PCB-638		PCB-639		PCB-640		PCB-641		PCB-642		PCB-643		PCB-644		PCB-645		PCB-646		PCB-647		PCB-648		PCB-649		PCB-650		PCB-651		PCB-652		PCB-653		PCB-654		PCB-655		PCB-656		PCB-657		PCB-658		PCB-659		PCB-660		PCB-661		PCB-662		PCB-663		PCB-664		PCB-665		PCB-666		PCB-667		PCB-668		PCB-669		PCB-670		PCB-671		PCB-672		PCB-673		PCB-674		PCB-675		PCB-676		PCB-677		PCB-678		PCB-679		PCB-680		PCB-681		PCB-682		PCB-683		PCB-684		PCB-685		PCB-686		PCB-687		PCB-688		PCB-689		PCB-690		PCB-691		PCB-692		PCB-693		PCB-694		PCB-695		PCB-696		PCB-697		PCB-698		PCB-699		PCB-700		PCB-701		PCB-702		PCB-703		PCB-704		PCB-705		PCB-706		PCB-707		PCB-708		PCB-709		PCB-710		PCB-711		PCB-712		PCB-713		PCB-714		PCB-715		PCB-716		PCB-717		PCB-718		PCB-719		PCB-720		PCB-721		PCB-722		PCB-723		PCB-724		PCB-725		PCB-726		PCB-727		PCB-728		PCB-729		PCB-730		PCB-731		PCB-732		PCB-733		PCB-734		PCB-735		PCB-736		PCB-737		PCB-738		PCB-739		PCB-740		PCB-741		PCB-742		PCB-743		PCB-744		PCB-745		PCB-746		PCB-747		PCB-748		PCB-749		PCB-750		PCB-751		PCB-752		PCB-753		PCB-754		PCB-755		PCB-756		PCB-757		PCB-758		PCB-759		PCB-760		PCB-761		PCB-762		PCB-763		PCB-764		PCB-765		PCB-766		PCB-767		PCB-768		PCB-769		PCB-770		PCB-771		PCB-772		PCB-773		PCB-774		PCB-775		PCB-776		PCB-777		PCB-778		PCB-779		PCB-780		PCB-781		PCB-782		PCB-783		PCB-784		PCB-785		PCB-786		PCB-787		PCB-788		PCB-789		PCB-790		PCB-791		PCB-792		PCB-793		PCB-794		PCB-795		PCB-796		PCB-797		PCB-798		PCB-799		PCB-800		PCB-801		PCB-802		PCB-803		PCB-804		PCB-805		PCB-806		PCB-807		PCB-808		PCB-809		PCB-810		PCB-811		PCB-812		PCB-813		PCB-814		PCB-815		PCB-816		PCB-817		PCB-818		PCB-819		PCB-820		PCB-821		PCB-822		PCB-823		PCB-824		PCB-825		PCB-826		PCB-827		PCB-828		PCB-829		PCB-830		PCB-831		PCB-832		PCB-833		PCB-834		PCB-835		PCB-836		PCB-837		PCB-838		PCB-839		PCB-840		PCB-841		PCB-842		PCB-843		PCB-844		PCB-845		PCB-846		PCB-847		PCB-848		PCB-849		PCB-850		PCB-851		PCB-852		PCB-853		PCB-854		PCB-855		PCB-856		PCB-857		PCB-858		PCB-859		PCB-860		PCB-861		PCB-862		PCB-863		PCB-864		PCB-865		PCB-866		PCB-867		PCB-868		PCB-869		PCB-870		PCB-871		PCB-872		PCB-873		PCB-874		PCB-875		PCB-876		PCB-877		PCB-878		PCB-879		PCB-880		PCB-881		PCB-882		PCB-883		PCB-884		PCB-885	
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Attachment 5

Groundwater Analytical Results Tables

Groundwater Analytical Results Table - Volatile Organic Compound
City of Decatur - 111 West Main Street/142 West Wood Street

[illegible]

* Parameter not analyzed
 * No back-criteria available for this suite of exposure assessment factors. In some cases, no assessment was done
 * Analytical results, in bold and shaded tables, where parameter exceeds a TACO Tier 1 Remedial Objective
 * Shaded analytical results indicate **10** for parameter is greater than or **1** for 1 full remediation objective
 * Remediation objective established
 * Analytical results represents combined limit for **m** and **n** values between, thus conservatively **n**-values **1** when are present for comparison
 * See TACO document: Remediation Objectives prepared by the JRCs/USC Toxicity Assessment Unit. (updated October 26, 2012)
 * Analyte not detected (less than Reporting Limit or Minimum Detectable Limit)

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

CAS #		Ecological Parameter	The 1 Concentration Measurement Objective for the Groundwater Component of the Groundwater Signature Study		The 1 Concentration Measurement Objective for the Indoor Inhalation Exposure Route - Off-House Collection Only (Table B)		The 1 Concentration Measurement Objective for the Indoor Inhalation Exposure Route - Off-House Collection Only (Table B)		199502-04		199502-04		199502-04	
			Class 1		Class 6		Class 1		Class 6		T1b Shrub		T1b Shrub	
			Conc (mg/L)	Conc (mg/L)	Conc (mg/L)	Conc (mg/L)	Conc (mg/L)	Conc (mg/L)	Date Sampled	9/16/2016	Date Sampled	9/16/2016	Date Sampled	9/12/2016
01-01	Acetone	0.1	0.1	1,000,000	1,000,000	1,000,000	1,000,000	U	0.000	U	0.000	U	0.000	
01-02	Acetone	0.1	0.1	1,000,000	1,000,000	1,000,000	1,000,000	U	0.000	U	0.000	U	0.000	
01-03	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-04	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-05	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-06	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-07	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-08	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-09	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-10	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-11	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-12	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-13	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-14	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-15	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-16	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-17	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-18	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-19	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-20	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-21	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-22	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-23	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-24	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-25	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-26	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-27	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-28	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-29	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-30	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-31	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-32	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-33	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-34	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-35	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-36	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-37	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-38	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-39	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-40	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-41	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-42	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-43	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-44	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-45	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-46	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-47	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-48	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-49	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-50	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-51	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-52	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-53	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-54	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-55	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-56	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-57	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-58	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-59	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-60	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-61	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-62	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-63	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-64	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-65	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-66	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-67	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-68	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-69	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-70	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-71	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-72	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-73	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-74	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-75	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-76	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-77	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-78	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-79	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-80	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-81	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-82	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-83	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-84	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-85	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-86	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-87	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-88	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-89	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-90	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-91	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-92	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-93	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-94	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-95	Acetone	0.002	0.002	0.70	0.70	0.70	0.70	U	0.000	U	0.000	U	0.000	
01-96														

Parameter not installed
No facility criteria available for this value of exposure
occupant's results in same form are used
Analytical results in both and selected facility detected parameter exceeds a TACO Tier 1 Soil Remediation Objective
Selected analytical results indicate E₁ for parameter is greater than a Tier 1 Soil Remediation Objective
Soil Remediation Objective established
Analytical results represents detected level for m and p-lyene hexane. No hexamethyl p-lyene Tier 1 values are present for comparison.
No TACO Chemical Remediation Objectives prepared by the EPA's Toxicity Assessment Unit - Updated October 30, 2012
Analyte not detected (see: Non-Detectable Limit or Minimum Detectable Limit)

Groundwater Analytical Results Table - Pesticides and PCBs
City of Decatur - 181 West Main Street/142 West Wend Street

[illegible]

```

-3 Parameter not assigned
-4 No linkage criteria available for this state of exposure
-5 Analysis results to hold between directed parameter
-6 Analysis results to hold and directed between directed parameter exceeds a TACD that is full Immunization Objective
-7 Directed analysis results achieved 0% for parameter is greater than a TACD is full Immunization Objective
INFO No Immunization Objective established
-8 Analysis not detected from those reporting linked or unknown between linked

```

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: 1510384

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: 1510384
 Lab ID: 1510384-01
 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-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: 1510384
 Lab ID: 1510384-01
 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: 1510384
 Lab ID: 1510384-02
 Matrix: Solid

Analytes	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-Dichloroethene	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*cis-1,2-Dichloroethene	U	0.00489		mg/Kg dry	1	9/28/15 13:02	9/28/15 20:29	SW8260B Re	JLS
*trans-1,2-Dichloroethene	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

Analyses	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-Dichloroethene	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: 1510384
 Lab ID: 1510384-03
 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: 15I0384
 Lab ID: 15I0384-04
 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

Analytes	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

Analytes	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: 1510384
 Lab ID: 1510384-05
 Matrix: Solid

Analyses	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: 1510384
 Lab ID: 1510384-06
 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: 1510384
 Lab ID: 1510384-06
 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: 1510384
 Lab ID: 1510384-07
 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: 1510384
 Lab ID: 1510384-07
 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-Dichloroethene	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*cis-1,2-Dichloroethene	U	0.00532		mg/Kg dry	1	9/28/15 13:02	9/28/15 19:30	SW8260B Re	JLS
*trans-1,2-Dichloroethene	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: 1510384
 Lab ID: 1510384-08
 Matrix: Solid

Analytes	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: 1510384
 Lab ID: 1510384-09
 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-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	19.8	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	7.81	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-Dichloroethene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*cis-1,2-Dichloroethene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 20:56	SW8260B Re	BDP
*trans-1,2-Dichloroethene	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-B51)

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	83-125			
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
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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	0.15000		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: 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 Y005289 - SW 5035A VOA

Matrix Spike Dup (Y005289-MSD1)

Source: 1510384-02

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: 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

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

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: 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

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							
N-Nitrosodiphenylamine	U	0.333	mg/Kg wet							M
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	%RBC 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	0.475		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	0.453		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: 15I0384

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 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: 15I0339-01

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: 15I0384-02

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: 15I0339-01

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: 15I0384-02

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	%RBC 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			
Lead	46.9	0.283	mg/Kg dry	28.252	15.8	110	75-125			S

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

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 1210 Capital Airport Drive, Springfield, IL 62757-3449, Phone: 217/752-1113, Facsimile: 217/752-1114
Chicago Office: 4114 Jackson Rd., Ste. 112, Law Office Hill, IL 60656, Phone: 684/001-2604, Facsimile: 684/001-4960
Central Southern Office - Phone: 217/414-7762, Facsimile: 217/221-7522



**Analytical
Systems.**

[illegible]



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

Analytes	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-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	0.0046	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

Analytes	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-Dichloropropane	U	0.00100		mg/L	1	9/25/15 10:00	9/25/15 18:59	SW8260B Re	JLS
*trans-1,3-Dichloropropane	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

Analytes	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	0.0104		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

Analytes	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

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

Analytes	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-Dichloroethene	U	0.00500		mg/L	1	9/25/15 10:00	9/25/15 19:58	SW8260B Re	JLS
*cis-1,2-Dichloroethene	U	0.00500		mg/L	1	9/29/15 9:00	9/29/15 16:05	SW8260B Re	BDP
*trans-1,2-Dichloroethene	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: 1510397
 Lab ID: 1510397-04
 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-Methylanthracene	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-TWI
 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	%RBC	%RBC 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	0.0439		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	%RBC Limits	RPD	RPD Limit	Notes
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-ethoxy)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-RS1)

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: 15I0397

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
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 1219 Capital Annex Drive • Springfield, IL 62777-8400 Phone 217/763-1142 • Fax 217/763-1142
Chicago 1111 N. Dearborn St. • Chicago, IL 60610 Phone 312/467-1142 • Fax 312/467-1142
Central/Southern 1111 N. Dearborn St. • Chicago, IL 60610 Phone 312/467-1142 • Fax 312/467-1142



**Analytical
Systems.**

UNIVERSITY OF MARYLAND

Client Fehr Graham		Address 200 Prairie St., Suite 208		City, State, Zip Code Rockford, IL 61107		Phone / Facsimile 815-394-4700		Project Name / Number 12-155-H A03M Tick Properties		Project Location Deatur, IL		P.O. # or Invoice To Fehr Graham		Contact Person Everardo						
Sample Description	Sampling		Matrix Code	Preserv Code	No of Containers	Sample Type		Analysis and/or Method Requested	Reporting											
	Date	Time				Comp	Grab		TACO	Ind/Cumm										
34523-TW3	9/10/15	9:15am	GW	136	5		X	TCL VCS, TCL SVCS TCL PCBs, OPA & MUA	☐ Resid	☐ Indus										
34524-TW3DUC		9:15am							☐ A	☐ D										
34525-TW2		11:30am							☐ B	☐ E										
34526-TW1		10:40am							☐ C	☐ F										
Relinquished By  Date 9/18/15 Time 1:25pm											Received By 		Date 9-18-15		Time 1:25		Method of Shipment Hand			
Matrix Code 4 - Aqueous 6 - None											DW - Drinking Water 1 - HCl		GW - Ground Water 2 - H2SO4		12 - Perchlorate Test 3 - UNO3		13 - Salt 4 - NaOH		14 - Other (Specify) 5 - Other (Specify)	
Lab Facilities											Test Received Time 10/20/15		Standard ☐		Pushed ☐		Original Rec'd 10/20/15		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

CIVIL SERVICE COMMISSION
OPEN SESSION
MINUTES
April 3, 2018

Pursuant to notice the Civil Service Commission of the City of Decatur met in regular session at 12:00 p.m.

PRESENT: CHAIR Jerry Taylor
COMMISSIONER Sheri Hagen
COMMISSIONER Sarah Creek
ACTIING SECRETARY Melissa Rowcliff
ADMINISTRATIVE SECRETARY Sherry Beasley
ABSENT: VICE CHAIR Tony Wilkins
COMMISSIONER Greg Spain
SECRETARY Penny Frank

Call to Order

Chair Taylor called the meeting to order at 12:02 p.m.

Roll Call

Three out of Five Commissioners were present at the time of roll call. Chair Taylor declared a quorum does exist to conduct and approve business.

Chair Taylor called for Appearance of Citizens:

There was none.

The Minutes of the March 6, 2018 regular meeting minutes and March 14, 2018 special meeting minutes were presented. Commissioner Hagen moved that the March 6, 2018 regular meeting minutes and March 14, 2018 special meeting minutes be approved with the necessary corrections to the closed session agenda, seconded by Commissioner Creek, and upon call of the roll, Commissioners Hagen, Creek, and Taylor voted aye. Acting Secretary Rowcliff declared the motion carried.

Commissioner Hagen moved to recess to Closed Session for the purpose of discussing personnel actions, seconded by Commissioner Creek, and upon call of the roll, Commissioners Creek, Hagen, and Taylor voted aye. Acting Secretary Rowcliff declared the motion carried.

Commissioner Creek moved to recess to Open Session, seconded by Commissioner Hagen, and upon call of the roll, Commissioners Hagen, Creek and Taylor voted aye. Acting Secretary Rowcliff declared the motion carried.

Chair Taylor called for Unfinished Business:

Authorization Request to Approve Final Scores and Promotional Register for Fire Lieutenant – Revised, Commissioner Creek, moved the Authorization Request be received, placed on file, and approved, seconded by Commissioner Hagen, and upon call of the roll, Commissioners Hagen, Creek, and Taylor voted aye. Acting Secretary Rowcliff declared the motion carried.

Chair Taylor called for New Business:

Authorization Request to Approve Job Announcement & Establish Promotional Register for Engineering Technician II, Commissioner Hagen, moved the Authorization Request be received, placed on file, and approved, seconded by Commissioner Creek, and upon call of the roll, Commissioners Creek, Hagen, and Taylor voted aye. Acting Secretary Rowcliff declared the motion carried.

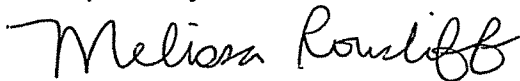
Personnel Actions

Commissioner Hagen moved that the appointments, leave of absences, civil service status, and resignation, be received, placed on file, and approved, seconded by Commissioner Creek, and upon call of the roll, Commissioners, Hagen, Creek, and Taylor voted aye. Acting Secretary Rowcliff declared the motion carried.

Chair Taylor called for Other Business:

There being no other business, Commissioner Creek moved to adjourn the meeting, seconded by Commissioner Hagen, and upon call of the roll, Commissioners Creek, Hagen, and Taylor voted aye. Acting Secretary Rowcliff declared the meeting adjourned at 12:15 p.m.

Respectfully Submitted,



Melissa Rowcliff
Acting Secretary

CIVIL SERVICE COMMISSION
OPEN SESSION
MINUTES
May 1, 2018

Pursuant to notice the Civil Service Commission of the City of Decatur met in regular session at 12:00 p.m.

PRESENT: CHAIR Jerry Taylor
COMMISSIONER Sarah Creek
COMMISSIONER Greg Spain
ACTING SECRETARY Sherry Beasley
ABSENT: VICE CHAIR Tony Wilkins
COMMISSIONER Sheri Hagen
SECRETARY Penny Frank
PERSONNEL SPECIALIST Melissa Rowcliff

Call to Order

Chair Taylor called the meeting to order at 12:00 p.m.

Roll Call

Three out of Five Commissioners were present at the time of roll call. Chair Taylor declared a quorum does exist to conduct and approve business.

Chair Taylor called for Appearance of Citizens:

There was none.

The Minutes of the April 3, 2018 regular meeting minutes were presented. Commissioner Spain moved that the April 3, 2018 regular meeting minutes be approved, seconded by Commissioner Creek, and upon call of the roll, Commissioners Spain, Creek, and Taylor voted aye. Acting Secretary Beasley declared the motion carried.

Commissioner Creek moved to recess to Closed Session for the purpose of discussing personnel actions, seconded by Commissioner Spain, and upon call of the roll, Commissioners Creek, Spain, and Taylor voted aye. Acting Secretary Beasley declared the motion carried.

Commissioner Spain moved to recess to Open Session, seconded by Commissioner Creek, and upon call of the roll, Commissioners Spain, Creek and Taylor voted aye. Acting Secretary Beasley declared the motion carried.

Chair Taylor called for Unfinished Business:

Authorization Request to Approve Final Scores and Promotional Register for Engineering Technician II, Commissioner Creek, moved the Authorization Request be received, placed on file, and approved, seconded by Commissioner Spain, and upon call of the roll, Commissioners Spain, Creek, and Taylor voted aye. Acting Secretary Beasley declared the motion carried.

Chair Taylor called for New Business:

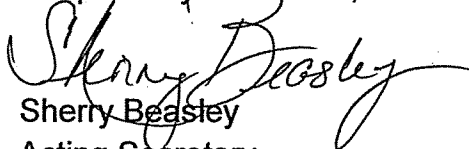
Personnel Actions

Commissioner Creek moved that the appointment, oral reprimand, leave of absence requests, civil service status, relinquished position, probationary termination, and retirement, be received, placed on file, and approved, seconded by Commissioner Spain, and upon call of the roll, Commissioners, Spain, Creek, and Taylor voted aye. Acting Secretary Beasley declared the motion carried.

Chair Taylor called for Other Business:

There being no other business, Commissioner Spain moved to adjourn the meeting, seconded by Commissioner Creek, and upon call of the roll, Commissioners Creek, Spain, and Taylor voted aye. Acting Secretary Beasley declared the meeting adjourned at 12:13 p.m.

Respectfully Submitted,


Sherry Beasley
Acting Secretary

CIVIL SERVICE COMMISSION
OPEN SESSION
MINUTES
June 5, 2018

Pursuant to notice the Civil Service Commission of the City of Decatur met in regular session at 12:00 p.m.

PRESENT: VICE CHAIR Tony Wilkins
COMMISSIONER Sarah Creek
COMMISSIONER Greg Spain
COMMISSIONER Sheri Hagen
SECRETARY Penny Rogers
PERSONNEL SPECIALIST Melissa Rowcliff
ADMINISTRATIVE SECRETARY Sherry Beasley
ATTORNEY Ed Flynn
ABSENT: CHAIR Jerry Taylor

Call to Order

Vice Chair Wilkins called the meeting to order at 12:05 p.m.

Roll Call

Four out of Five Commissioners were present at the time of roll call. Vice Chair Wilkins declared a quorum does exist to conduct and approve business.

Vice Chair Wilkins called for Appearance of Citizens:

There was none.

The Minutes of the May 1, 2018 regular meeting minutes were presented. Commissioner Spain moved that the May 1, 2018 regular meeting minutes be approved, seconded by Commissioner Hagen, and upon call of the roll, Commissioners Spain, Creek, Hagen, and Wilkins voted aye. Secretary Rogers declared the motion carried.

Commissioner Spain moved to recess to Closed Session for the purpose of discussing personnel actions, seconded by Commissioner Hagen, and upon call of the roll, Commissioners Creek, Hagen, Spain, and Wilkins voted aye. Secretary Rogers declared the motion carried.

Commissioner Hagen moved to recess to Open Session, seconded by Commissioner Spain, and upon call of the roll, Commissioners Hagen, Spain, Creek and Wilkins voted aye. Secretary Rogers declared the motion carried.

CIVIL SERVICE COMMISSION
OPEN SESSION MINUTES
JUNE 5, 2018
PAGE 2

Vice Chair Wilkins called for Unfinished Business:

Authorization Request to Approve Final Scores and Transfer Register for Police Patrol Officer – Lateral Transfer, Commissioner Creek, moved the Authorization Request be received, placed on file, and approved, seconded by Commissioner Hagen, and upon call of the roll, Commissioners Spain, Creek, Hagen, and Wilkins voted aye. Secretary Rogers declared the motion carried.

Authorization Request to Approve Final Scores and Eligible Register for Engineering Technician I, Commissioner Spain, moved the Authorization Request be received, placed on file, and approved, seconded by Commissioner Hagen, and upon call of the roll, Commissioners Spain, Hagen, Creek, and Wilkins voted aye. Secretary Rogers declared the motion carried.

Chair Taylor called for New Business:

Authorization Request to Approve Job Announcement & Establish Eligible Register for Engineering Technician I, Commissioner Hagen, moved the Authorization Request be received, placed on file, and approved, seconded by Commissioner Spain, and upon call of the roll, Commissioners Creek, Spain, Hagen, and Wilkins voted aye. Secretary Rogers declared the motion carried.

Authorization Request to Approve Job Announcement & Establish Eligible Register for Accounting Assistant, Commissioner Hagen, moved the Authorization Request be received, placed on file, and approved, seconded by Commissioner Spain, and upon call of the roll, Commissioners Spain, Hagen, Creek, and Wilkins voted aye. Secretary Rogers declared the motion carried.

Authorization Request to Approve Job Announcement & Establish Eligible Register for Maintenance Mechanic I, Commissioner Creek, moved the Authorization Request be received, placed on file, and approved, seconded by Commissioner Spain, and upon call of the roll, Commissioners Spain, Creek, Hagen, and Wilkins voted aye. Secretary Rogers declared the motion carried.

Personnel Actions

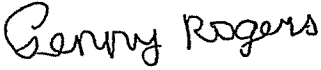
Commissioner Hagen moved that the appointment, promotions, oral reprimand, leave of absence requests, civil service status, disability retirement, probationary resignation, and resignation, be received, placed on file, and approved, seconded by Commissioner Creek, and upon call of the roll, Commissioners, Spain, Creek, Hagen and Wilkins voted aye. Secretary Frank declared the motion carried.

CIVIL SERVICE COMMISSION
OPEN SESSION MINUTES
JUNE 5, 2018
PAGE 3

Vice Chair Wilkins called for Other Business:

There being no other business, Commissioner Hagen moved to adjourn the meeting, seconded by Commissioner Spain, and upon call of the roll, Commissioners Creek, Hagen, Spain, and Wilkins voted aye. Secretary Rogers declared the meeting adjourned at 1:00 p.m.

Respectfully Submitted,

A handwritten signature in cursive script that reads "Penny Rogers".

Penny Rogers
Secretary

Public Works

DATE: 6/19/2018

MEMO: 2018-32

TO: Honorable Mayor Julie Moore Wolfe and City Council

FROM: Tim Gleason, City Manager
Matt Newell, P.E., Director of Public Works
Keith Alexander, Water Production Manager
Randy Miller, Water Services Manager

SUBJECT: City of Decatur 2018 Water Quality Report

BACKGROUND:

Water utilities are required by the U.S. Environmental Protection Agency to provide an annual drinking water quality report to their customers. The City's 2018 report is available for viewing on the City's website. A copy is also attached to this memo.

We are pleased to inform you that our drinking water once again met or exceeded all state and federal standards.

ATTACHMENTS:

Description	Type
2018 Water Quality Report	Backup Material

2018 ANNUAL WATER QUALITY REPORT

WATER TESTING PERFORMED IN 2017



Presented By
City of Decatur

Quality First

The City of Decatur is pleased to present our annual water quality report. As always, we are committed to producing the best-quality drinking water possible. To that end, we remain vigilant in meeting the challenges of new regulations, source water protection, water conservation, and community education while serving the needs of all our water customers.

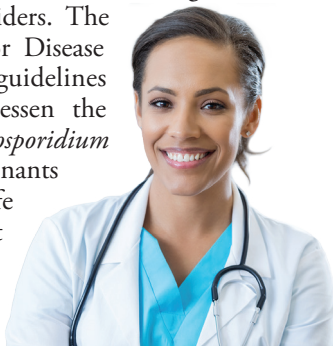
Community Participation

City of Decatur Council Meetings are open to the public. Regular session meetings are held at 5:30 p.m. on the first, third, and sometimes fifth Mondays of the month on the third floor of the Decatur Civic Center. For further information, contact the City Clerk's office at (217) 424-2708.

Important Health Information

Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask advice from the child's health care provider.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as those with cancer undergoing chemotherapy, those who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants may be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. The U.S. EPA/CDC (Centers for Disease Control and Prevention) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline at (800) 426-4791 or <http://water.epa.gov/drink/hotline>.



Substances That Could Be In Water

To ensure that tap water is safe to drink, the U.S. EPA prescribes regulations limiting the amount of certain contaminants in water provided by public water systems. U.S. Food and Drug Administration regulations establish limits for contaminants in bottled water that must provide the same protection for public health. Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of these contaminants does not necessarily indicate that the water poses a health risk.



The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals, in some cases, radioactive material, and substances resulting from the presence of animals or from human activity. Substances that may be present in source water include:

Microbial Contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, or wildlife;

Inorganic Contaminants, such as salts and metals, which can be naturally occurring or may result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming;

Pesticides and Herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses;

Organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production and may also come from gas stations, urban stormwater runoff, and septic systems;

Radioactive Contaminants, which can be naturally occurring or may be the result of oil and gas production and mining activities.

For more information about contaminants and potential health effects, call the U.S. EPA's Safe Drinking Water Hotline at (800) 426-4791.

Lead In Home Plumbing

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We are responsible for providing high-quality drinking water, but we cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at www.epa.gov/lead.

Cryptosporidium

Cryptosporidium is a microbial parasite found in surface water throughout the world. Although filtration removes *cryptosporidium*, the most commonly used filtration methods cannot guarantee 100 percent removal. Our monitoring of source water indicated the presence of these organisms. Lake Decatur was sampled monthly beginning in October 2015 and ending in September 2017. There was one positive sample in 2017 with a result of 0.2 oocysts per liter. Current test methods do not enable us to determine if the organisms are dead or if they are capable of causing disease. Symptoms of infection include nausea, diarrhea, and abdominal cramps. Most healthy individuals can overcome the disease within a few weeks. However, immunocompromised people are at greater risk of developing life-threatening illness and are encouraged to consult their doctors. *Cryptosporidium* must be ingested to cause disease, and it may be spread through means other than drinking water.

What Causes Pink Stains on Bathroom Fixtures?

The reddish-pink color frequently noted on shower stalls, tubs, tile, toilets, sinks, toothbrush holders and pets' water bowls is caused by the growth of the bacterium *Serratia marcescens*. *Serratia* can be introduced into homes from soil, water, plants, insects, animals, and humans. Bathrooms provide the perfect environment (moist and warm) for bacteria to thrive.

The best solution to this problem is to continually clean and dry the affected surfaces to keep them free from bacteria. Chlorine-based compounds work best, but keep in mind that abrasive cleaners may scratch fixtures, making them more susceptible to bacterial growth. Chlorine bleach can be used periodically to disinfect the toilet, bathtubs, and sinks to help eliminate the occurrence of the pink residue. *Serratia* will not survive in chlorinated drinking water such as ours.

Tip Top Tap

The most common signs that your faucet or sink is affecting your drinking water quality are discolored water, sink or faucet stains, a buildup of particles, unusual odors or tastes, and a reduced flow of water. Here are some suggested solutions:



Kitchen Sink and Drain

Hand washing, soap scum buildup, and the handling of raw meats and vegetables can contaminate your sink. Clogged drains can lead to unclean sinks and backed-up water in which bacteria (e.g., pink and black slime growth) can grow and contaminate the sink area and faucet, causing a rotten egg odor. Disinfect and clean the sink and drain area regularly.

Faucets, Screens, and Aerators

Chemicals and bacteria can splash and accumulate on the faucet screen and aerator, which are located on the tip of faucets and can collect particles like sediment and minerals, resulting in a decreased flow from the faucet. Clean and disinfect the aerators or screens on a regular basis.

Faucet gaskets can break down and cause black, oily slime. If you find this slime, replace the faucet gasket. White scaling or hard deposits on faucets and shower heads may be caused by hard water or water with high levels of calcium carbonate. Clean these fixtures with vinegar or use water softening to reduce the calcium carbonate levels for the hot water system.

Water Filtration and Treatment Devices

A smell of rotten eggs can be a sign of bacteria on your water filters or in your treatment system. The system can also become clogged over time so regular filter replacement is important, including refrigerator filters.

Where Does My Water Come From?

The City of Decatur uses Lake Decatur as its source of drinking water. Lake Decatur is 2,850 surface acres in size and located entirely within the city limits of Decatur. The Sangamon River is the primary source of water for Lake Decatur, which has a drainage area of 925 square miles, 83 percent of which is used for growing corn and soybeans. When Lake Decatur water levels are low, the city uses a former sand and gravel pit near the South Water Treatment Plant and wells located in DeWitt County to supplement the water supply.

How Is My Water Treated and Purified?

The treatment process consists of a series of steps. First, raw water is pumped from Lake Decatur to the South Water Treatment Plant. Chlorine dioxide is added to destroy viruses, bacteria, and protozoa that may be in the raw water. The water then goes to mixing basins where aluminum sulfate and calcium hydroxide are added for softening. The addition of these substances causes small particles to adhere to one another, making them heavy enough to drop to the bottom of the mixing basins and be mechanically removed. Powdered activated carbon is added for taste and odor control. The fine particles that still remain are removed in the filtration process as the water passes through layers of anthracite and sand. Chlorine is then added to maintain the disinfection process throughout the distribution system. Last, a small amount of fluoride is added to prevent dental decay. Positive water pressure is continuously maintained in the distribution system to prevent the intrusion of any contaminants into our water mains.

Source Water Assessment

The Illinois EPA has completed a source water assessment for Decatur which is available at <http://dataservices.epa.illinois.gov/swap/factsheet.aspx>.

The Illinois EPA considers all surface water sources of public water supply to be susceptible to potential pollution problems. This is the reason for the mandatory treatment of all public surface water supplies in Illinois. Mandatory treatment includes coagulation, sedimentation, filtration, and disinfection. Primary sources of pollution in Illinois lakes can include agricultural runoff, land disposal (septic systems), and shoreline erosion.

Due to the low geologic sensitivity and the monitoring results of our DeWitt County wells, the Illinois EPA does not consider these wells to be susceptible to volatile organic contaminants (VOCs), synthetic organic contaminants (SOCs), or inorganic contaminants (IOCs). In accordance with Illinois EPA regulations, the wells each have a minimum protection zone of 200 feet.

Under the Clean Water Act Section 319, the U.S. EPA provides grants for the Illinois EPA to finance projects that demonstrate cost-effective solutions to nonpoint-source (NPS) problems and promote public knowledge and awareness of NPS pollution. Section 319 projects funded for the Lake Decatur Watershed include the Upper Sangamon River Basin Water Quality Improvement Project and the Nutrient Management Plan Implementation. The Macon County Soil and Water Conservation District and the Agricultural Watershed Institute also administer several water quality improvement projects in the watershed.



QUESTIONS?

If you have any questions or concerns about your drinking water, please contact Keith Alexander, Water Production Manager, at (217) 424-2863 or kalexander@decaturil.gov.

Water Quality Test Results

Per Federal and State requirements, your water is monitored for many different kinds of substances on a very strict sampling schedule. The information below includes all substances that were detected between January 1 and December 31, 2017. Our primary goal is to ensure that all monitored substances are continuously below their respective maximum allowed levels. The State recommends monitoring for certain substances less often than once per year because the concentrations of these substances do not change frequently. In these cases, the most recent sample data are included, along with the year in which the sample was taken. The percentage of Total Organic Carbon (TOC) removal was measured each month, and the system met all TOC removal requirements set by the IEPA.

REGULATED SUBSTANCES

SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	MCL [MRDL]	MCLG [MRDLG]	AMOUNT DETECTED	RANGE LOW-HIGH	VIOLATION	TYPICAL SOURCE
Atrazine (ppb)	2017	3	3	0.4	ND–0.4	No	Runoff from herbicide used on row crops
Barium (ppm)	2017	2	2	0.00598	0.00598–0.00598	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Chlorine (ppm)	2017	[4]	[4]	1.6	0.80–1.60	No	Water additive used to control microbes
Chlorite (ppm)	2017	1	0.8	0.43	0.27–0.43	No	By-product of drinking water disinfection
Fluoride (ppm)	2017	4	4	0.79	0.63–0.79	No	Erosion of natural deposits; Water additive that promotes strong teeth; Discharge from fertilizer and aluminum factories
Haloacetic Acids [HAAs] (ppb)	2017	60	NA	12	4.3–15.2	No	By-product of drinking water disinfection
Nitrate (ppm)	2017	10	10	7.37	ND–7.37	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
TTHMs [Total Trihalomethanes] (ppb)	2017	80	NA	59	15.8–66.1	No	By-product of drinking water disinfection
Total Organic Carbon (ppm)	2017	TT	NA	2.72	1.22–2.72	No	Naturally present in the environment
Turbidity ¹ (NTU)	2017	TT	NA	0.16	0.09–0.16	No	Soil runoff
Turbidity (Lowest monthly percent of samples meeting limit)	2017	TT = 95% of samples meet the limit	NA	100	NA	No	Soil runoff

Tap water samples were collected for lead and copper analyses from sample sites throughout the community.

SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	AL	MCLG	AMOUNT DETECTED (90TH% TILE)	SITES ABOVE AL/ TOTAL SITES	VIOLATION	TYPICAL SOURCE
Copper (ppm)	2017	1.3	1.3	0.0232	0/30	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead (ppb)	2017	15	0	0	0/30	No	Corrosion of household plumbing systems; Erosion of natural deposits

STATE REGULATED SUBSTANCES

SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	MCL [MRDL]	MCLG [MRDLG]	AMOUNT DETECTED	RANGE LOW-HIGH	VIOLATION	TYPICAL SOURCE
Sodium ² (ppm)	2017	NA	NA	11.6	11.6–11.6	No	Erosion of naturally occurring deposits; Used in water softener regeneration

SECONDARY SUBSTANCES

SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	SMCL	MCLG	AMOUNT DETECTED	RANGE LOW-HIGH	VIOLATION	TYPICAL SOURCE
Chloride (ppm)	2017	250	NA	33.2	33.2–33.2	No	Runoff/leaching from natural deposits
Sulfate (ppm)	2017	250	NA	33.1	33.1–33.1	No	Runoff/leaching from natural deposits; Industrial wastes
Total Dissolved Solids [TDS] (ppm)	2017	500	NA	194	194–194	No	Runoff/leaching from natural deposits

¹Turbidity is a measure of the cloudiness of the water. It is monitored because it is a good indicator of the effectiveness of the filtration system.

²Sodium is not currently regulated by the U.S. EPA. However, the state has set an MCL for this contaminant for supplies serving a population of 1,000 or more. The purpose of monitoring unregulated contaminants is to assist the U.S. EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted.

Definitions

AL (Action Level): The concentration of a contaminant that triggers treatment or other required actions by the water supply.

LRAA (Locational Running Annual Average): The average of sample analytical results for samples taken at a particular monitoring location during the previous four calendar quarters. Amount Detected values for TTHMs and HAAs are reported as the highest LRAAs.

MCL (Maximum Contaminant Level): The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

MCLG (Maximum Contaminant Level Goal): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

MRDL (Maximum Residual Disinfectant Level): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

MRDLG (Maximum Residual Disinfectant Level Goal): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

NA: Not applicable

ND (Not detected): Indicates that the substance was not found by laboratory analysis.

NTU (Nephelometric Turbidity Units): Measurement of the clarity, or turbidity, of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

ppb (parts per billion): One part substance per billion parts water (or micrograms per liter).

ppm (parts per million): One part substance per million parts water (or milligrams per liter).

SMCL (Secondary Maximum Contaminant Level): SMCLs are established to regulate the aesthetics of drinking water like appearance, taste and odor.

TT (Treatment Technique): A required process intended to reduce the level of a contaminant in drinking water.

City Clerk

DATE: 7/10/2018

MEMO: 2018-08

TO: Mayor Julie Moore Wolfe
City Council Members

FROM: Tim Gleason, City Manager

SUBJECT: June, 2018 Monthly Reports

ATTACHMENTS:

Description	Type
City Clerk	Cover Memo
Economic & Community Development	Cover Memo
Fire	Cover Memo
IT	Cover Memo
Police	Cover Memo
Public Works	Cover Memo

City Clerk's Office

June 2018 Month End Report

- Attended and prepared minutes for two City Council meetings and one Special City Council Meeting.
- Received and processed 23 Freedom of Information requests.
- Completed liquor license renewals.

**DEPARTMENT OF ECONOMIC & COMMUNITY DEVELOPMENT
MONTHLY REPORT
(JUNE, 2018)**

ECONOMIC DEVELOPMENT DIVISION

Staff had 15 new and separate inquiries in June for possible projects with 5 meetings related specifically to ongoing initiatives. We have ongoing projects both in the planning stage and under way. Staff processed a revised Enterprise Zone expansion proposal near Decatur Memorial Hospital for City Council's consideration. City Council approved the proposal. There were 3 ribbon-cuttings in June and several more are scheduled for July including the Northeast Community Fund groundbreaking for their new building in the Wabash Crossing area. As of last week, there were 845 job listings in the Decatur, Illinois area on indeed.com, one of the leading national job search sites. Casey's General Store led the way with 83 jobs, DPS 61 with 63 jobs, and DMH at 35 jobs. There are 5757 jobs listed on the Illinois Department of Employment Services website in the Central Illinois Region with the top three employers being Hospital Sisters Health System with 344 jobs, General Electric with 310 jobs, and State of Illinois with 231 jobs. There are also 225 jobs available at Abraham Lincoln Heath Center.

PLANNING AND SUSTAINABILITY DIVISION

Staff typically respond to zoning-related inquiries and process site plans, rezoning and conditional use permit requests, zoning variance applications, street and alley vacation requests, and subdivision plats submitted for compliance with local development regulations and ordinances. In June, staff in conjunction with other city departments reviewed 10 submittals which included 6 site plans and 4 plats. Staff responded to one (1) FOIA request. Staff also reviewed one (1) application for a Conditional Use Permit and one (1) rezoning application scheduled for the July Plan Commission public meeting.

For the Decatur Urbanized Area Transportation Study (DUATS), staff made preparations for the Technical Committee meeting and the Policy Committee meeting held on June 12th and 19th, respectively.

BUILDING INSPECTIONS DIVISION

We issued a total of 131 permits with a total work value of \$1,461,359. Of those, there were two commercial building permits; one for a new Boys & Girls Club addition valued at \$295,681 and the other being a Taco Bell renovation valued at \$290,000. Large commercial projects that were completed in this month were the Akorn building expansion on Grand Avenue (\$24 million), the Children's Museum addition on Country Club Road (\$2.3 million), and the Raymond James build out for offices at 101 South Main Street (\$470,000)

PERMIT TYPE	# ISSUED	WORK VALUE
Building	29	\$1,066,310
Demolition	5	48,700
Electrical	22	43,832
Mechanical	30	163,952
Other	19	63,084
Plumbing	21	45,705
Sign	5	29,776
Tent	0	0
TOTAL	131	\$1,461,359

NEIGHBORHOOD SERVICES DIVISION

- Staff continued to prepare special reports for loans. Collections continue on delinquent accounts.
- Staff continued to qualify homeowners for the Residential Rehabilitation program.
- Staff prepared environmental reports for residential rehab, infrastructure projects and potential replacement projects.
- Staff worked with HUD staff on outstanding issues: 70% low-mod benefit, conflict of interest and other requests.
- Staff continued working with the Engineering Department to begin another phase of the CDBG Sidewalk project.
- Staff continued assisting on the America in Bloom competition program.
- Staff continued monitoring of rental property inventory.
- Staff organized its second City Wide cleanup of 2018. The next event will be held in September.
- Staff was partnering with HUD, SHPA, and Housing Action to plan and host the statewide Homeless Institute conference. Over 230 individuals from across the state came to Decatur and learned about changes in the regulations and how Decatur and others were collaborating to be successful with the homeless population.
- Staff submitted annual CDBG Action Plan for program year 2018-19.
- Staff continued planning of the annual National Night Out event to be held in August.
- Staff held a public meeting for the CDBG Action Plan and CAPER performance report for public input.
- Staff joined webinars on the state of building and property vacancy issue in the U.S.

MASS TRANSIT DIVISION

- Transit had a bus catch fire. Bus is no longer inoperable. We are in the process of disposal of bus.
- Staff met with three bus camera vendors in anticipation of going out for bid on bus camera system.
- Staff attended both DUATS Technical and Policy committee meetings.

- Having conversations with the State of Illinois Medicaid regarding the IMPACT program.
- Staff was in preparation to write for grant applications for buses and bus facilities.

NEIGHBORHOOD INSPECTIONS DIVISION

Staff continued to enforce the International Property Maintenance Code and local City Ordinances (Chapters 48, 49, 56 and 70). The Division is committed to working with the citizens of Decatur to maintain a healthy and safe environment for those living here.

See attached for a summary of the work involved during June.

ATTACHMENT

**NEIGHBORHOOD INSPECTIONS DIVISION
MONTHLY REPORT
JUNE 2018**

NEW CASES	
Health & Safety (72 Hour)	133
Direct to Legal (Repeat Offenders)	8
Housing and Unfit	30
No Garbage Service	4
Nuisance	213
Secure of Abandoned Buildings	15
Weeds	752
TOTAL	1155

DEMOLITIONS	
New Cases	0
Sent to Legal	0
Sent to Council	0
Out to Bid	0
Contracts Granted	0
Contract Amount	0.00
Permits Issued	0
Permits Finaled	0
Active Demolitions	122

RE-INSPECTION VISITS	
Code Enforcement	776
Weeds	493
TOTAL	1269

GARBAGE SERVICE COMPLAINTS	
Received	9

CASES SENT TO LEGAL FOR COURT	
Code Enforcement	123
Weeds	227

INVOICES*	
New Invoices	376
Dollar Amount	\$82,664.18

WEED ABATEMENT	
City Mowed - MCT lots	5
Owner Mowed	99
MCT Lots - Contractor Mowed	449
TOTAL	553

PAYMENTS RECEIVED**	
Weeds (Year-to-date)	\$3,206.53

* includes costs incurred by the City of Decatur - Health and Safety (72 hour), Securing of Abandoned Buildings and Weed Abatement

** reimbursement for costs incurred by the City of Decatur for weed abatement.



DECATUR FIRE DEPARTMENT
MEMORANDUM
18-04

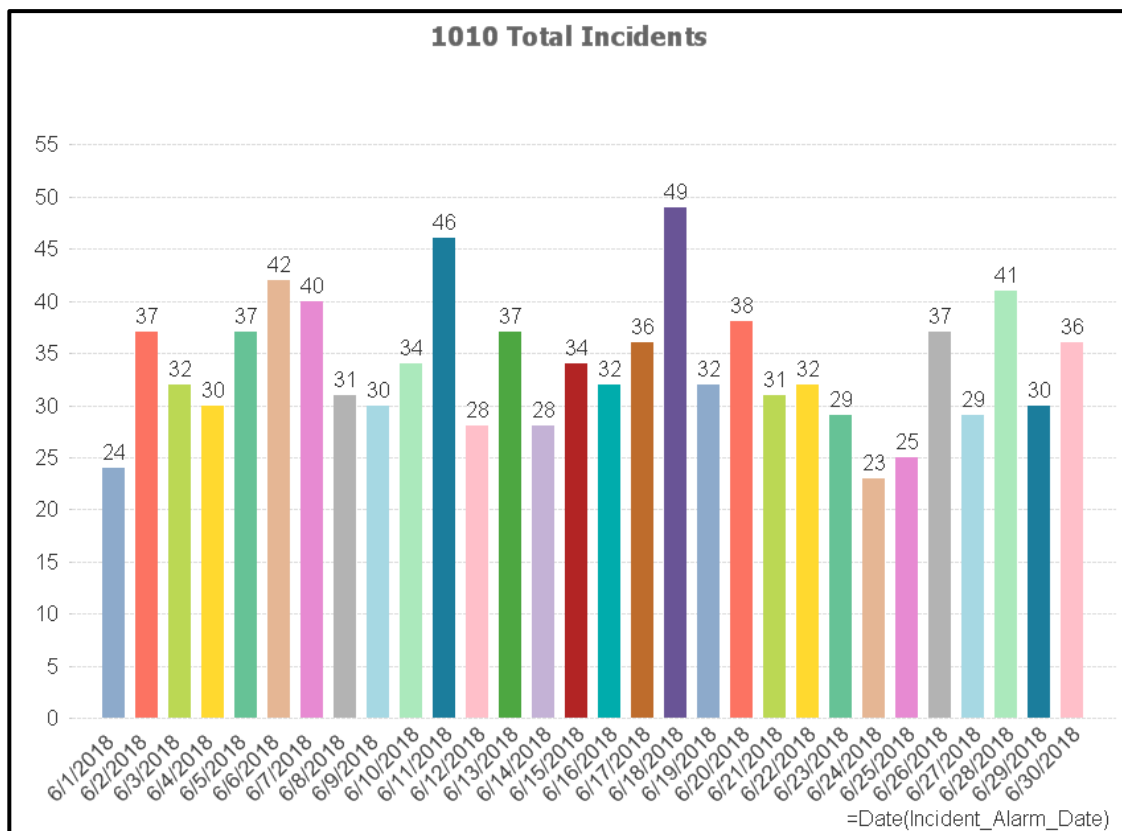
July 9, 2018

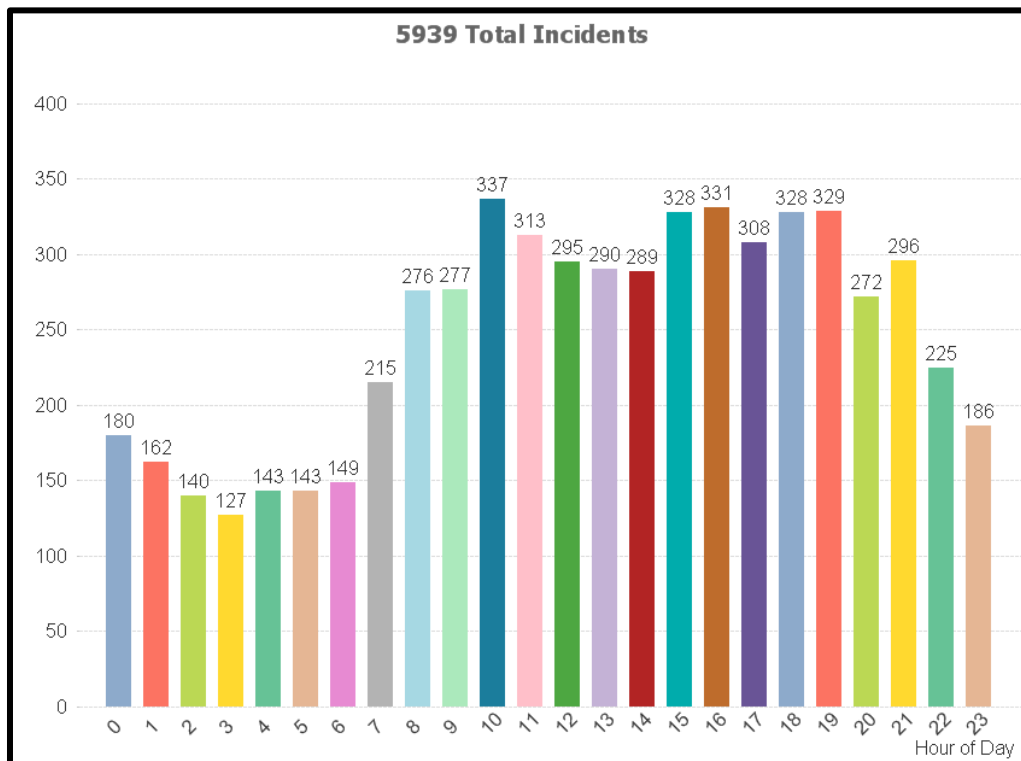
TO: Tim Gleason, City Manager

FROM: Jeff Abbott, Fire Chief

RE: Monthly Report – June 2018

The fire department responded to 1010 alarms in the June. To date, the department has responded to 5939 alarms in 2018. There were 17 structure fires in June. The bid packages for phase 2 construction of the fire station rehabilitation program were sent out in June, and the bids are due back in early July. The bid package for the new station #5 is being completed and will be sent out for bid in the middle of July. The repaired ladder truck from Pierce is also due back in July.





Fire Prevention Division:

The Fire Prevention Division had a busy month of investigating fires. Inspectors were called out 18 times with 11 fires ruled as Accidental; 5 ruled as Incendiary; and 2 were undetermined. There were 20 key box installations or removals for the month and 57 inspections. Inspectors completed 28 plan reviews and installed 10 smoke/CO alarms. Cpt. Gagnon attended a 4-hour Forensic Evidence Training class at the State Crime Lab in Springfield and delivered fire ground evidence to the same. We provided 5 Fire Safety classes to the public. Additionally, 1 consumer fireworks safety class and testing was conducted.

Training Division:

Training this month focused on Hazardous Materials decontamination, Forcible entry, Cancer awareness, Trauma assessments, Underwater metal detection and SOP/SOG review. Lt. Downey provided instruction to each fire company on how to setup and use the MABAS 46 DECON truck for persons exposed to hazardous materials. Captain Moore reviewed forcible entry techniques with all members showing how to successfully breach the “Humbler” forcible entry prop and reinforced window openings. A cancer awareness video, specifically targeting firefighters, was provided for all members to view. On-shift Paramedics utilized our EMS mannequin to evaluate each fire company on the management of an unresponsive person with a traumatic injury to the chest. Dive team members searched for metal objects in Lake Decatur to increase their familiarization with the operation of our newly acquired underwater metal detector.

Monthly Report of Priorities and Projects
Information Technology Department
Fiscal Year 2018
June

This month, Information Technology Department (IT) staff accomplished the following:

- City Fiber Phase 3 project continues. Railroad permits have been received and construction resumed. Anticipated completion date is July 27, 2018.
- City Fiber Phase 4 – Completed agreements for the Sale of Dark City Fiber to Millikin to establish fiber connections between Millikin and Richland Community College.
- Continued researching vendor solutions to provide Session Initiation Protocol (SIP) services for the City Phone System to replace the older "PRI" technology. Narrowed possible vendors to two.
- Kicked off new data storage project for DPD evidence.
- Completed email user audit to insure only active employees have email accounts.
- Completed network storage audit and archived files for employees no longer employed.
- Added several enhancements to the Parking Applications to reduce double entry and increase user usability.
- Assisted Human Resources with implementing a new applicant tracking system, NeoGov.
- Completed audit of Microsoft Group Policy and enabled improvements to streamline the user experience.
- Continued configuration discovery to set the Public Library on the City Phone System.
- Implemented the Police Department Superior RMS Property and Evidence module. Currently DPD is the only agency using the bar code system which will save numerous man hours logging and locating evidence by case.
- Assisted Water Billing with implementing an application from Experian to assist with customer identification and authentication electronically. This saves the patron a trip to the billing office to prove who they are.
- Established the Cashiering Improvement Team to identify and implement ideas that streamlines the Cashiering function and simplifies processing.
- In June, IT processed 87 Help Desk tickets, resolving 39 on initial call (44.8% First Call Resolution Rate). Out of the 87 tickets logged, 8 service surveys were returned which indicated all but one received "exceptional" service. One was logged as "unacceptable" where follow up was completed and action taken to insure this incident is not repeated.

DECATUR ILLINOIS POLICE DEPARTMENT

TO: Mayor Julie Moore-Wolfe
City Council Members
City Manager Tim Gleason

FROM: James E. Getz Jr. , Chief of Police 

RE: June 2018 Monthly Report

STAFFING

Sworn Police Officer Staffing

The Decatur Police Department has 162 authorized sworn police positions. At the end of June 2018, staffing was at 149. Current staffing for the Decatur Police Department is as follows:

<u>Position</u>	<u>Authorized</u>	<u>Funded</u>	<u>Current</u>
Police Chief	1	1	1
Deputy Chief	3	3	3
Police Lieutenant	4	4	4
Police Sergeant	17	17	16
Police Patrol Officer	137	133	125
TOTAL	162	158	149

Civilian-Non Sworn Police Staffing: 10

<u>Position</u>	<u>Authorized</u>	<u>Funded</u>	<u>Current</u>
Administrative Secretary	1	1	1
Senior Crime Analyst	1	1	1
Crime Analyst	1	1	1
Sr. Clerk Typist	2	2	2
Records Supervisor	1	1	1
Parking Enforcement	2	2	2
Part-time FOIA Officer	2	2	2
Total	10	10	10

System Administrator, Duane Richards works out of the Police Department but is staffed under MIS.

PATROL DIVISION

<u>Function</u>	<u>Month</u>	<u>YTD</u>
Community Meetings	5	25
Directed Patrols	32	212
Active Problem Oriented Policing Projects	0	0
Completed Problem Oriented Policing Projects	0	0
Parking Citations	41	398
Criminal Arrests	361	2180
Felony Drug Arrests	27	116
Firearms Seized	17	59
Traffic Citations	572	3470
Field Interviews	75	432
Written Warnings	291	2208
Calls for Service/CAD incidents	4805	26011
Unlawful use of Motor Vehicle tows	123	748
Driving Under the Influence Arrests (DUI)	25	161
DUI involving accidents	9	49
Fatal Accidents	0	3
Traffic Accidents	214	1368
Accidents with Personal Injury	36	210
City Ordinances Arrests	58	285

Distracted Driving Enforcement-

Electronic Communication Device Citations:

<u>State Citations</u>	<u>YTD</u>	<u>Warning Citations</u>	<u>YTD</u>
53	107	13	95

CRIMINAL INVESTIGATIONS DIVISION

Street Crimes: Drug Seizures for the month:

<u>Drug</u>	<u>Amount</u>	<u>YTD Seizure</u>	<u>Street Value</u>
Cannabis	772 grams	41408 grams @ \$10-gram	\$414,080
Cocaine-Powder	32 grams	2721 grams @ \$100-gram	\$272,100
Cocaine-Crack	107 grams	239 grams @ \$100-gram	\$23,900
Heroin	1 grams	123 grams @ \$300-gram	\$36,900
Ecstasy	1 hits	1 @ 20 hit	\$20
Meth	346 grams	1035 grams @ 100-gram	\$103,500
K-2/Pills:	21	1818	
Search Warrants: 3		YTD: 20	
US Currency Seized: \$20,172		YTD: \$161,097	
Firearms seized: 5		YTD: 15	
Vehicles seized: 0		YTD: 3	

Criminal Investigations (Adult & Juvenile Detectives):

New cases assigned: 109	YTD: 703
Cases closed/resolved: 46	YTD: 354
Criminal Arrests: 35	YTD: 288
Homicides: 1	YTD: 2
Infant Death Investigations: 0	YTD: 1
Suicide Detective Investigations: 0	YTD: 3
Missing Person Investigations: 15	YTD: 54
Computer forensic Exams: 2	YTD: 18
Sex Offenders Registered: 68	YTD: 486

A Detective has been assigned to the US Marshals Service Task Force, with a yearly review between the US Marshals Service and Decatur Police Administration to ensure effectiveness. This partnership allows for quicker apprehension of fugitives within the Decatur/ Macon County region and allows for more government resources in the pursuit of major fugitives.

Fugitive Arrests: 25	YTD fugitive arrests: 161
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Freedom of Information (FOIA)

The Professional Standards Unit received 258 Freedom of Information Act requests for the month.

Total requests YTD in 2018- 1526

**Public Works Department
Monthly Activity Report
June 2018**

Engineering:

McKinley Avenue Sewer Rehabilitation: This project was approximately 50% designed by BGM & Associates (now Chastain & Associates) in 2015-16. The condition is considerably worse than originally estimated in the master plan that was completed 5 years ago. An engineering agreement was approved by Council on August 7, 2017, to complete the design for this project and potentially let bids in late 2018 or early 2019.

2018 State MFT Street Improvement Project: Two bids were received but both were rejected due to the plans missing a critical pay item. The project re-advertised June 27 with bids due July 9. The project is planned to be presented for City Council approval on July 16.

2018 City MFT Street Improvement Project: The asphalt street reconstruction portion of this project was awarded to Dunn Company on May 7 with the notice to proceed on May 17. Work has started on the sidewalk, curb replacement, and utility adjustments. Asphalt overlay has been completed on three streets. The County Fair Drive portion of the project is planned to be advertised in July 11.

Nelson Park Neighborhood Storm Drainage Improvements: This project was designed by Blank, Wesselink, Cook & Associates. The project is funded through a low interest loan from the IEPA. Bids were opened on March 30, 2017, and approved by Council on April 17. The IEPA has approved the loan and the project. Work began May 30, 2017. Work is completed through Nelson Park and the south portion of the neighborhood. Work is scheduled to start in the north portion of the neighborhood July 9. Final street reconstruction will start in August. Completion is expected in late 2018.

2017 Water Main Replacement Project: This was designed by City staff and bids were opened on February 21, 2017. Council approved a contract with Burdick Plumbing and Heating on March 6, 2017. The water mains have been installed in the Garman Park area and

residential services have been established and the water line is now active. Final restoration is completed and completing final closeout of project.

2018 Water Main Replacement Project: The project was designed by City staff and bids were opened on April 25. Council approved a contract with Burdick Plumbing and Heating on May 7. The project is scheduled to commenced in June in the neighborhood west of MacArthur High School. Burdick started the watermain replacement at Grand and Summit and has completed approx. 1,100 feet of the 11,500 feet of pipe.

2018 DPTS Bus Shelter Pads: The project is a joint project with Transit utilizing federal funds for the upgrade and replacement of bus stops/shelters. It was advertised May 16 and bids are is scheduled to open June 6. The project was awarded to Kenny Construction by Council on July 2. Work is expected to start late July.

2018 Trenchless Long Lining Repairs: The project is the annual cured-in-place small diameter lining project for the sanitary and storm sewer systems. It was advertised May 30 and bids are scheduled to open on June 20. The project was awarded to Insituform by Council on July 2. Work is expected to start late July.

MUNICIPAL SERVICES MONTHLY DATA 06/01/18 – 06/29/18

TASKS	QUANTITY	MANHOURS	OTHER INFO
Sewer Cleaning	2,890 lin. ft.	246 hours	
Sewer Derooting	3,256 lin. ft.	32 hrs.	
Street Striping	233,869 ft.	275.5 hours	
Mowing – Neighborhood Standard Violations	375 each	N/A	
Catch Basins Pumped	90 each	185 hours	

**Water Production Division
Monthly Activity Report
June 2018**

Lake Decatur Dredging Basins 1 through 4: Construction work continued to increase the height of the Oakley sediment storage berms. Dredging resumed on June 5. Since Great Lakes Dredge & Dock began dredging in November 2014, a total of 9,243,584 cubic yards of sediment has been removed from the lake, which is 86% of the contract amount, including over dredging, or 45 days of additional water supply.

Lake Decatur Landscape Maintenance: This year's project is the north side of the William Street Bridge which Homer Tree Care is scheduled to begin the week of July 9.

Lake Services: Continued seasonal mowing, garbage removal, facilities maintenance, barge delivery services and dredging contractor worksite inspections. Evaluated mowing equipment options. Prepared for 4th of July events. Assisted IDNR, Decatur Public Schools and Decatur Police Department with various lake related activities.

South Water Treatment Plant East Clarifiers to Claricones Conversion: Crawford, Murphy & Tilly has completed 99.9% of the engineering and bid specifications. This project is on hold pending the completion of the proposed Long Term Water Utility Sustainability Plan in 2019.

Water Administration: Responded to Additional Water Supply Plan RFQ&P inquires. Chaired the Decatur Sustainable Water Resources Alliance quarterly meeting. Participated in a Friends Creek Watershed planning committee meeting. Met with two firms regarding the possibility of solar power for City facilities. Responded to three FOIA requests.

Water Production: The level of Lake Decatur was maintained at an average of 614.4 feet above mean sea level (99% full) which is normal for June. 620.43 million gallons of potable water were pumped to customers which was 1.88% more than June 2017. Numerous water facilities maintenance tasks and repairs were completed including completing the semiannual South Water Treatment Plant basin washouts and repairs. Staff were trained on new automated external defibrillators (AEDs).