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TO: Mayor and Council

FROM: Tom Crawford, CFO  
John Seto, Police Chief

CC: Steven D. Powers, City Administrator

SUBJECT: Police

DATE: May 13, 2015

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**Question #132:** On foot patrols, that December report indicated there was a total of 1,268 hours of foot patrols in the downtown and off-campus student areas in CY2014. I am particularly interested in the foot patrols downtown so if you can split that out in the electronic activity logs, that would be great. Specifically, can you provide the following? (Councilmember Lumm)

**Response:** For clarification, the information reported in the December Council update for the total hours of 1,286 was data for **city-wide** foot patrols.

- Downtown foot patrol officer hours in 2013, 2014 and 2015 YTD
  - 2013 downtown foot patrols: 890 hours
  - 2014 downtown foot patrols: 858 hours
  - 2015 (through April 30<sup>th</sup>) downtown foot patrols: 167 hours
- Any data available on increases or decreases in the number of downtown vehicle patrol hours over the same period (2013 2014, 2015 YTD)

The AAPD does not specifically track downtown vehicle patrol hours.

- An estimate of the fully-burdened cost of one hour's time for an officer

The cost of a new officer is FY2016 is \$77,235 translating to 37.13/hour.

**Question #133:** In terms of neighborhood traffic enforcement, the December report indicated that at the conclusion of the “26 Weeks to Safer Streets” initiative that began in January 2014, about 2,200 hours of dedicated traffic enforcement had been scheduled resulting in almost 1,700 traffic stops. Can you please provide an update (with whatever data is available) on neighborhood traffic enforcement activity since the conclusion of that initiative last Summer. (Councilmember Lumm)

**Response:** We do not have a category for “neighborhood traffic enforcement.” Thus far in FY15 (July 1, 2014 – April 30, 2015) city wide:

- Number of traffic problems received: 145
- Total hours of dedicated traffic enforcement department wide: 7,395
- Total number of traffic stops department wide: 16,418
- Total number of citations issued department wide: 10,086

**Question #134:** On community engagement efforts overall, the December report mentioned that the new Community Engagement Unit was fully staffed with three officers and there was helpful data as well on community outreach efforts. Can you please provide an updated status on that unit’s activity including any updated data on community outreach efforts in 2015? (Councilmember Lumm)

**Response:** See attached report of Community Engagement activities for the first quarter of CY 2015. (*Community Engagement Unit Quarterly Report 2015*)



# ANN ARBOR POLICE DEPARTMENT



## Memorandum

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**TO:** Deputy Chief Bazick  
Via Lieutenant Matt Lige

**FROM:** Sergeant Thomas Hickey  
Officers Tom Kooy and Doug Martelle

**DATE:** 4/21/2015

**SUBJECT:** Community Engagement Quarterly Report

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### **The goals for the Community Engagement Unit for 2015**

- 1) Focus on Proactive Policing. Committed to developing and maintaining a strong partnership with the community. Adopting proactive policing strategies that will serve to develop solutions to problems. We will continue our strong visible presence via foot and bike patrol throughout the city focusing on the high pedestrian traffic areas (downtown/strip malls/Briarwood).
- 2) Enhance our outreach efforts involving youth programs. We are committed to building a stronger relationship with the A2 Parks and Recreation Department, YMCA, Community Action Network (CAN) and HVA Camp 911.
- 3) In an effort to expand our community engagement efforts we are committed to working with the Detective Bureau and Road Patrol in a collaborative effort to address quality of life issues and minor criminal incidents that drain their resources. Work with CTN to produce informative community relations programs and short public service safety announcements.

### **Highlights:**

The Community Engagement Unit has been involved in numerous community outreach efforts in the first quarter of 2015. In an effort to enhance our outreach in the Ann Arbor Public Schools, we have set aside dedicated time to conduct classroom visits in 14 Ann Arbor Public Schools. Our goal is to introduce students to uniformed police officers and teach them about our jobs as community helpers. During our school visits we also assist in all three supervised lunch hours periods. This gives us an opportunity to interact with the students and assist the lunch supervisors.

We are collaborating with Lawton Elementary School that is using a program for leadership development called "The Leader in Me". This is a pilot program. This program equips students with strategies to build confidence and skills to be responsible, creative, and caring people. It is based on Stephen Covey's "The 7 Habits of Highly Effective People" book. The school version is titled "The 7 Habits of Happy Kids" and is written by Sean Covey. We have committed to weekly visits and work with the staff on teaching the curriculum.

In an effort to educate the general public utilizing short public service safety announcements, Officer Tom Kooy reached out to the CTN staff. The end result was better than we could have expected. In a collaborative effort between the AAPD CE Unit and CTN, Officer Kooy initiated a new series titled "A2 Shield". His first series is titled "Seniors and Fraud" and is joined by Detective Gerry Tacey, Katie Kurili-Glacier Hills Resident Services, and Bank of Ann Arbor Security Officer John Foster. The show will premiere April 21, 2015.

**Community Engagement Outreach:**

**Officer Tom Kooy: January-March 2015 Summary**

Work with DC ( Delonis Center ) on clarifying bus stop / trespass ordinance.

Assist to U of M Special Services on St Patrick s Day in handouts and liquor enforcement.

Met with daughter and elderly mother regarding onset of Dementia, and reducing fraud potential with her mother.

Attend facilitator meeting training

Meet with Kiwanis Club members in the City.

Foster relationship with District Court and attend their team meetings (ALICE training )

Initiate coffee with a cop in Parkway Meadows monthly

Pending coffee with a cop program in Cranbrook Towers

Begin "A2 Shield "series with CTN, including first episode of "Seniors and fraud "

Work with WM and businesses in dumpster issues 600 E William

Meet with VA Police in fostering working relationship

Met with citizens around Gott St shooting and spoke with suspect s parents toward a resolution of fears there.

Interview with Huron High School newspaper on automatic weapons

Obtain trauma bears for future use

Work with PORT and patrol in moving chronic EDP issue from Bolgus Circle

Continue to work with both VA Court and Mental Health Court ( Judge Easthope) in assisting clients or Judge in immediate warrant pick ups

Contact Kilwins reference recent break-ins and reassure, as well as clarify concerns of owners there

Revise website with Kim for better customer access

Begin coffee with a cop within seniors' homes when requested

E Liberty contact victim of stalking case and reassure and inform same

Volunteer to assist DB with video pickups when available to do so

Work with businesses being hit with shoplifting by contacting AAPS, employing decoy car, stepping up foot patrols in the area, offering to present a retail fraud segment at the next DDA meeting.

Dog / nuisance / home owner complaints by neighbors on Wilton Street. Meet with parties for resolution.

Whenever possible I try to catch an ongoing issue with a suspect and business; contacting the victim and bringing them up to date, and / or listening to their concerns.

**Officer Doug Martelle: January-March 2015 Summary**

MONTHLY/WEEKLY RECONTACTS:

Main Street Area Assoc.  
Ann Arbor Housing Commission  
Avalon Housing  
State Street Area Assoc.  
PORT/CSTS

COMMUNITY PROGRAMS/EVENTS:

A2 Symphony Orchestra Youth Concert  
Beyond the Diag Housing Fair  
A2C3 St. Patrick's Day Campaign

SCHOOL PROGRAMS:

Lawton  
Bach  
Abbot  
Burns Park  
Books & Badges  
Sexting Presentation/Scarlett Middle School  
Community High Student Interview

COMMUNITY MEETINGS:

Delonis Shelter Staff Meetings  
A2C3  
Youth Gang Re-Entry  
DDA  
Triad/SALT

## SPECIAL PROJECTS:

Community Engagement Website Update  
Burton Road  
Citizen  
Citizen  
Triad/SALT Surveys  
Trespassing at 122 S. Main  
Tag/Impound Abandoned Bikes

## TRAINING:

Annual Refresher Training  
AAPD Qualification

## MISCELLANEOUS:

P.B.T. Calibration-Monthly

**Sergeant Tom Hickey: January-March 2015 Summary**

## SCHOOL VISITATIONS:

A2 Steam (Northside)/Allen/Bach/Bryant/Burns  
Park/Eberwhite/Haisley/King/Lakewood/Lawton/Mack Open/Wines (31 visits at the above listed schools)

## PRESENTATIONS:

Manzanitas Spanish Immersion Preschool  
Girl Scout/Daisy Troop-Wines Elementary  
Independence Condo Association Annual Meeting-Safety presentation  
University of Michigan Towsley Daycare  
Second 50's Senior Citizen-Fraud/Safety

## COMMUNITY OUTREACH:

Kids Care Fair-Jewish Family Services  
Ambassador Training-University of Michigan Student Union  
Neighborhood Watch Community Meeting-David District  
Islamic Center-ALICE and Safety Assessment  
Citizen's Police, Fire, and Courts Academy (CPFCA)

## TRAINING:

Annual Refresher Training  
AAPD Qualification



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TO: Mayor and Council

FROM: Sumedh Bahl, Community Services Area Administrator  
Tom Crawford, CFO

CC: Steven D. Powers, City Administrator

SUBJECT: Community Services Area

DATE: May 13, 2015

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**Question #114:** During our work sessions, an update of the Master Plan was mentioned, but I did not see that referenced in the budget book. Is that planned? Also, in the proposed golf fee increases, I did not see the 18-hole weekend greens fee rate for Huron Hills listed. Is that particular rate not changing? (Councilmember Lumm)

**Response:** There has not been a comprehensive update of the master plan's land use recommendations in recent history. The land use recommendations for some parts of the City have not been updated since the late 1980's (South Area) and early 1990's (Central and West Area). These recommendations do not always align with current community values or expectations, nor do they take into account other planning efforts that have occurred since that time. Hence, staff proposed a comprehensive master plan update be included in FY17 budget. City Administrator's proposed FY16 budget and plan for FY17 balances organizational needs and projected revenues. Since organizational identified needs exceed projected revenues for FY17, Master Plan update is currently planned to be included in FY18 budget.

The 18-hole weekend greens fee rate at Huron Hills is not proposed to change.

**Question #126:** The budget mentions that the master plan will include contributions from additional outside sources. Although it doesn't mention the Conservancy or the University by name, have either of these groups offered to provide some matching funding? Am I unaware of a benevolent donor? I believe that having some funds on the table would go a long way in getting this done. (Councilmember Grand)

**Response:** The budget message recommends that the City's portion be supplemented by funding from other organization or sources. However, no source or organization has come forward with such a funding offer.





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TO: Mayor and Council

FROM: Tom Crawford, CFO

CC: Steven D. Powers, City Administrator

SUBJECT: MSC

DATE: May 13, 2015

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**Question #145:** You had also indicated in a budget Q response that the Municipal Service Charge had been updated. Can you please provide the prior (FY15) and new (FY16) MSC revenues to the General Fund and where those show up in the GF budget (department and account)? (Councilmember Lumm)

**Response:** FY15 revenue is \$3,585,916 and FY16 revenue is \$3,709,821. These revenues are budgeted in the Finance Department (53XX account series).



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TO: Mayor and Council  
FROM: Tom Crawford, CFO  
CC: Steven D. Powers, City Administrator  
SUBJECT: General Fund  
DATE: May 13, 2015

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**Question: #140:** Can you please provide a breakdown by dept. of the FY16 and 17 General Fund budgets (total \$ amt. and purpose) for consulting services?  
(Councilmember Lumm)

**Response:** Please see attached chart “Professional Services – General Fund.”

**Question #146:** As a follow-up to question #115, how much of the \$434K (FY16) and \$447K (FY17 incremental) in costs for non-union employee pay increases are in the General Fund? (Councilmember Lumm)

**Response:** \$310,461 for FY16 and \$319,404 for FY17 (incremental).

**Question: #150:** Over the last four years (FY12 through FY16), based on the numbers you’ve provided, the DDA’s combined TIF and parking revenues have grown from \$20.78M in FY12 (\$3.73M TIF plus \$17.05M parking) to \$26.84M in FY16 (\$5.32M TIF plus \$21.52 parking) – an increase of \$6.06M or 29%. Can you please tell me how much General Fund recurring revenues have increased over the same four year period on an apples-to-apples basis (adjusting for GASB/Housing Commission change in FY15). (Councilmember Lumm)

**Response:** The General Fund recurring revenues in FY2012 were \$77,987,857 and in FY2016 were \$86,446,349, a 10.8% increase, adjusting for GASB/Housing Commission change.

**2100-Professional Services in the General Fund**

<b>Service Unit</b>	<b>FY2016</b>	<b>FY2017</b>	<b>Purpose</b>
City Administrator	50,000		Strategic planning
City Administrator	48,000	48,000	governmental consulting services (Kirk Profit's company)
Human Resources	30,000	32,500	candidate testing, employment and salary verifications, sign language interpretation, annual compensation survey, HR file storage, recruitment advertising
Finance	96,798	96,798	Auditor contract, municipal service charge study, supplemental actuary consulting, supplemental audit fees
Court	289,500	289,500	Indigent legal representation; translation services
Fire	44,000	30,000	\$14K for accreditation in FY16; Hiring and Promotional Testing Costs, Arbitration Fees, Environmental and HazMat costs, and ad-hoc operational needs
Planning & Development	50,000	30,000	Deer management (\$40K in FY16 and \$20K in FY17); In FY16, International Property Code update-\$10K
Planning	301,000	101,000	In FY16, Allen Creek (\$200K) and Zoning updates (\$75K); In FY17, sign inventory (\$75K)
Field	48,908	50,072	Street Light Pole Painting
Public Services Administration	30,000	30,000	Public Art transition
Water Treatment (Hydro)	25,000	25,000	Dam Safety Regulatory Compliance Consulting
	<u>\$ 1,013,206</u>	<u>\$ 732,870</u>	



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TO: Mayor and Council  
FROM: Tom Crawford, CFO  
CC: Steven D. Powers, City Administrator  
SUBJECT: FY 16 Recommended Budget  
DATE: May 13, 2015

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**Question #149:** I do not remember voting on a resolution approving these transfers. Would you let me know if it was done administratively, and if so who approved their allocations? (Councilmember Eaton)

**Response:** These are in the FY2016 budget and would not be transferred until after July 1, 2015 if approved.



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TO: Mayor and Council  
FROM: Tom Crawford, CFO  
CC: Steven D. Powers, City Administrator  
SUBJECT: Risk Fund  
DATE: May 13, 2015

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**Question #147:** Was the \$5.1 million Risk Fund balance transferred to the VEBA and pension system? (Councilmember Eaton)

**Response:** No, the FY2016 budget includes this amount being returned to the contributing funds.



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TO: Mayor and Council

FROM: Tom Crawford, CFO  
Craig Hupy, Public Services Area Administrator

CC: Steven D. Powers, City Administrator

SUBJECT: Council Chambers

DATE: May 13, 2015

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**Question #141:** The \$140K for Council Chamber renovations – we received a diagram but not the associated cost detail. Can you please provide? (Councilmember Lumm)

**Response:**

**Ann Arbor City Council Chambers Renovation – Phase 2**  
Budget Estimate

Plan Review/Consultant/Permits	\$3,500
Demolition and Asbestos Abatement	\$6,500
Air Monitoring/Testing	\$2,000
New Construction	\$11,000
Moveable Wall Partitions	\$22,000
Flooring	\$1,000
Lighting/Electrical	\$5,000
Council Workstation (custom build – seating for 15)	\$33,000
Remove existing pew seating and replace with freestanding, cushioned Individual chairs (80)	\$8,000
Podium (ADA accessible with technology)	\$5,000
CTN (reconfiguration of A/V rack, cameras, microphones)	\$3,000
Technology (materials & equipment)	\$25,000
Technology (installation & programming)	\$15,000
Total:	\$140,000



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TO: Mayor and Council  
FROM: Tom Crawford, CFO  
CC: Steven D. Powers, City Administrator  
SUBJECT: Wages  
DATE: May 13, 2015

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**Question #142:** What have been the non-union pay increase averages over the last five years? (Councilmember Lumm)

**Response:** 0%, 0%, 0%, 3% and 3%



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TO: Mayor and Council

FROM: Tom Crawford, CFO  
Craig Hupy, Public Services Area Administrator

CC: Steven D. Powers, City Administrator

SUBJECT: Public Services

DATE: May 13, 2015

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**Question: #128:** The response to my question last meeting on the 54% (23 cents per 100 cubic feet of flow to 37 cents) increase in the portion of the sewer charge attributable to systems planning and administration was that there was a 19% increase in the municipal service charge (MSC) and 43% increase in insurance costs. Can you please provide additional detail on these MSC and Insurance costs charged to the sewer fund including the dollar amounts that will be charged in FY16, the dollar amounts that were charged to the fund in FY14 and FY15 and the specific reasons for the increase in FY16. (Councilmember Lumm)

**Response:** The FY14 MSC charge for the Sewer fund was \$426,054. In FY15, the charge was \$436,705. In FY16, the charge was \$521,436. The majority of the increase was an \$80,000 increase in the Attorney time allocated to Sewer.

For insurance, the FY14 charge was \$150,213. In FY15, the charge was \$157,724. In FY16, the charge was \$212,131. Each category of the insurance rates for the sewer fund increased including liability, property and the allocation of self-insurance. The insurance charges will increase for a department for many reasons: they have had a liability claim add or drop off over the ten year look-back period, a change in the value of the property being covered, the insurance premiums charged by the City's carrier are increased, or an increase in their budget. In the Sewer fund's case, the bulk of the increase is due to the Sewer Funds budget increase from \$13.9 M in Fy 13 to \$19 M in FY15. In addition, over the same timeframe, the funds experience increased from 5.8% of losses to 13.7% of losses.



**Question #130:** The cover memo Monday indicated the sewer rate increases are generating \$1.39M of incremental revenue for FY16. The total sewer rate is increasing by 20 cents per 100 cubic feet of flow of which 13 cents (or 65%) is “systems planning and administration”. That suggests that portion is increasing \$900K year-to-year which is quite a lot for MSC and insurance - so what am I missing?

**Response:** In previous year’s calculations the MSC and Insurance costs were categorized as capital expenses. A reallocation of those expenses to the Administration/Systems Planning category contributed to the increase.

**Question #136:** How much additional compost has been collected since table scrap food waste was added to the compost collection system? (Councilmember Briere)

**Response:** Last year, when plate scrapings were added to the compost collection stream, there was approximately 150 additional tons composted compared to 2013, and approximately 1,500 additional tons compared to 2012.

**Question #137:** What problems, if any, have there been with the quality of compost since the addition of table scraps? (Councilmember Briere)

**Response:** The City’s compost operator, WeCare, reports that the Residential Food Scrap program has been very successful at the compost facility. They have not experienced any adverse affects to the site or the composting operations, and they have not observed unreasonable contamination or degradation of the compost quality.

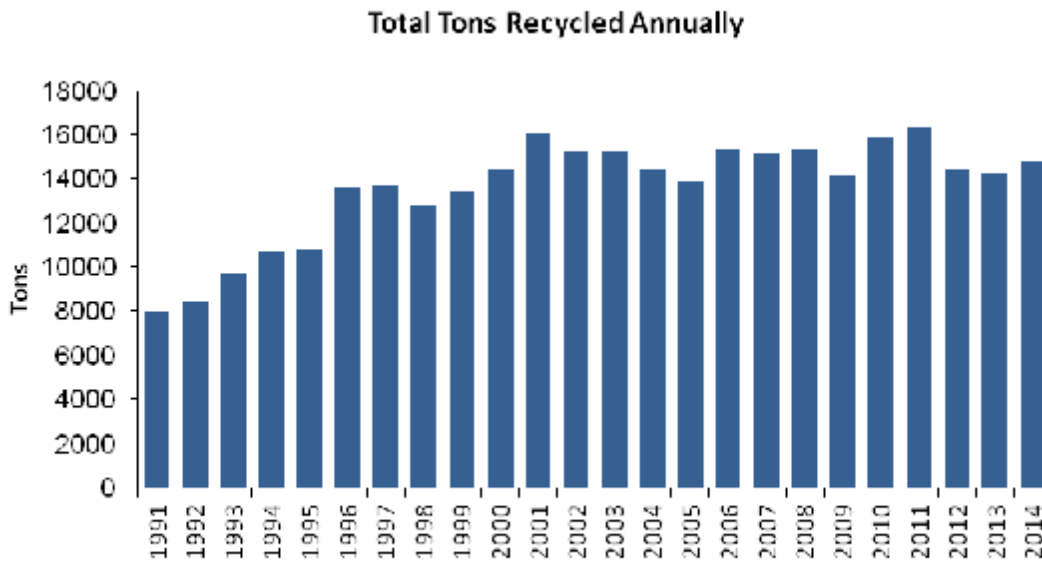
**Question #138:** Does the City have any data (for instance, from the University) about increased compost usage and benefits? (Councilmember Briere)

**Response:** The City does not have data regarding increased compost usage and benefits. Anecdotally, as noted by the EPA, “compost enriches soils and compost has the ability to help regenerate poor soils. Compost has also been shown to suppress plant diseases and pests, reduce or eliminate the need for chemical fertilizers, and promote higher yields of agricultural crops. Compost organic materials that have been diverted from landfills ultimately avoids the production of methane and leachate formulation in the landfills. Using compost offers economic benefits and can reduce the need for water, fertilizers, and pesticides. It serves as a marketable commodity. Composting also extends municipal landfill life by diverting organic materials from landfills.” In terms of data specific to the City’s compost material, as the City’s contract operator, WeCare samples and tests the compost material quarterly for compliance with the US Composting Council’s Seal of Testing Assurance Program. A copy of an analysis from last year is attached.

**Question #139:** What about commercial composting - when does the City plan to expand that pilot program? How does the City handle commercial composting? How successful is the pilot program for commercial recycling? (Councilmember Briere)

**Response:** The City has received from its current compost contract operator, WeCare, a proposed amendment to add post consumer food waste and compostable material to the current contract. This would allow post consumer food and food by-products, collected or delivered to the facility from commercial entities that are deemed acceptable to process at the Compost Site. City staff are currently reviewing the terms of the proposed amendment. In terms of existing commercial composting, WeCare receives contractor delivered compostable material (leaves, brush, tree limbs up to 6 inches in diameter and 4 feet in length, vegetative pruning's, Christmas trees, and other garden or yard waste and other organic material as my be specified in the City's Solid Waste Rules and Regulations) from multiple vendors. As part of the contract, commercial vendors deliver this material using their own vehicles, and the vendor is charged a fee. The City share earned from incoming merchant compost material is \$1.00/ton.

Commercial recycling has been required by City ordinance since July 1, 2009. We do not distinguish City commercial recycling tonnages from City residential recycling tonnages.



Total recycling has decreased since 2012 in part because the data collected after 2012 does not include the material from Recycle Ann Arbor's Drop-Off Station.

**Question #148:** Was the \$4.5 million project management fund balance returned to the contributing funds? If yes, can you provide a breakdown of how much was returned to each contributing fund? (Councilmember Eaton)

**Response:** The FY2016 budget includes the fund balance returning to the contributing funds as follows:

Major Streets-\$30,752  
Water Fund-\$1,201,669  
Sewer Fund-\$352,365  
Alternative Transportation-\$116,963  
Street Millage-\$2,407,326  
Stormwater System-\$424,681  
Solid Waste-\$4,299



**We Care Organics**

Charles Duprey  
9293 Bonta Bridge Rd  
Jordan NY 13080-9430  
315-689-1937

Product Name: Ann Arbor MI Compost

Sample Date: 6/27/14 3:45 PM

Receive Date: 6/30/14

A & L Lab Number: 72599

A & L Report Number: F14181-6006

**COMPOST TECHNICAL DATA SHEET**

**A & L Great Lakes Laboratories, Inc. 3505 Conestoga Drive Fort Wayne IN 46808**

<i>Compost Parameters</i>	<i>Method</i>	<i>Reported as (units of measure)</i>	<i>Test Results</i>	<i>Test Results</i>
Plant Nutrients:		%, weight basis	%, wet weight basis	%, dry weight basis
Nitrogen	TMECC 04.02-D	Total N	0.86	1.64
Phosphorus	TMECC 04.03-A	P <sub>2</sub> O <sub>5</sub>	0.26	0.50
Potassium	TMECC 04.04-A	K <sub>2</sub> O	0.46	0.89
Calcium	TMECC 04.05-CA	Ca	3.16	6.04
Magnesium	TMECC 04.05-MG	Mg	0.78	1.49
Moisture Content	TMECC 03.09-A	%, wet weight basis	47.68	
Organic Matter Content	TMECC 05.07-A	%, dry weight basis	43.20	
pH	TMECC 04.11-A	pH units	7.9	
Soluble Salts ( <i>electrical conductivity EC<sub>5</sub></i> )	TMECC 04.10-A	dS/m (mmhos/cm)	1.70	
Particle Size	TMECC 02.02-B	% < 9.5 mm (3/8 in.), dw basis	89.45	
<b>Stability Indicator (<i>respirometry</i>)</b>				
CO <sub>2</sub> Evolution		mg CO <sub>2</sub> -C/g OM/day	1	Very Stable
		mg CO <sub>2</sub> -C/g TS/day	1	
<b>Maturity Indicator (<i>bioassay</i>)</b>				
Percent Emergence	TMECC 05.05-A	average % of control	97	
Relative Seedling Vigor	TMECC 05.05-A	average % of control	97	
Select Pathogens	TMECC 07.01-B	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	PASS	<i>FecalColiform</i>
Trace Metals	TMECC 04.06	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3.	PASS	<i>As, Cd, Pb, Hg,</i>
				<i>Mo, Ni, Se, Zn</i>

*Participants in the US Composting Council's Seal of Testing Assurance Program have shown the commitment to test their compost products on a prescribed basis and provide this data, along with compost end use instructions, as a means to better serve the needs of their compost customers.*



**We Care Organics**

Charles Duprey  
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**COMPOST TECHNICAL DATA SHEET**

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<i>Compost Parameters</i>	<i>Method</i>	<i>Reported as (units of measure)</i>	<i>Test Results</i>	
Plant Nutrients:		%, weight basis	Not Reported	
Moisture Content	TMECC 03.09-A	%, wet weight basis	47.68	
Organic Matter Content	TMECC 05.07-A	%, dry weight basis	43.20	
pH	TMECC 04.11-A	pH units	7.9	
Soluble Salts <small>(electrical conductivity EC<sub>s</sub>)</small>	TMECC 04.10-A	dS/m (mmhos/cm)	1.70	
Particle Size	TMECC 02.02-B	% < 9.5 mm (3/8 in.), dw basis	89.45	
Stability Indicator <small>(respirometry)</small>			Stability Rating:	
CO <sub>2</sub> Evolution		mg CO <sub>2</sub> -C/g OM/day	1	Very Stable
		mg CO <sub>2</sub> -C/g TS/day	1	
Maturity Indicator (bioassay)				
Percent Emergence	TMECC 05.05-A	average % of control	97	
Relative Seedling Vigor	TMECC 05.05-A	average % of control	97	
Select Pathogens	TMECC 07.01-B	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	PASS	<i>FecalColiform</i>
Trace Metals	TMECC 04.06	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13,	PASS	<i>As, Cd, Pb, Hg,</i>
				<i>Mo, Ni, Se, Zn</i>

*Participants in the US Composting Council's Seal of Testing Assurance Program have shown the commitment to test their compost products on a prescribed basis and provide this data, along with compost end use instructions, as a means to better serve the needs of their compost customers.*

REPORT NO.  
F14181-6006  
ACCOUNT NUMBER  
91005

# A & L GREAT LAKES LABORATORIES, INC.

3505 Conestoga Drive • Fort Wayne, IN 46808 • Phone 260-483-4759 • Fax 260-483-5274  
www.algreatlakes.com • lab@algreatlakes.com



QUALITY ANALYSES FOR INFORMED DECISIONS

TO: WE CARE ORGANICS  
9293 BONTA BRIDGE RD  
JORDAN, NY 13080-9430

FOR: ANN ARBOR, MI FACILITY

COPY: AL RATTIE/J DAVIS

STA

ATTN: JEFF LEBLANC

LAB NUMBER: 72599

SAMPLE ID: ANN ARBOR COMPOST

## COMPOST ANALYSIS REPORT

DATE SAMPLED: 06/27/2014

DATE RECEIVED: 06/30/2014

DATE REPORTED: 07/21/2014

PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	47.68		TMECC 03.09-A
Dry Matter	%	52.32		TMECC 03.09-A
Total Nitrogen (N)	%	0.86	1.64	TMECC 04.02-D
Phosphorus (P)	%	0.12	0.22	TMECC 04.03-A
Phosphate (P205)	%	0.26	0.50	TMECC 04.03-A
Potassium (K)	%	0.39	0.74	TMECC 04.04-A
Potash (K2O)	%	0.46	0.89	TMECC 04.04-A
Magnesium (Mg)	%	0.78	1.49	TMECC 04.05-MG
Calcium (Ca)	%	3.16	6.04	TMECC 04.05-B
Arsenic	mg/kg	4.13	7.90	SW846-6020 04.06-As
Cadmium	mg/kg	0.438	0.838	SW846-6020 04.06-Cd
Chromium	mg/kg	88	168	SW846-6020 04.06-Cr
Copper	mg/kg	27.0	51.6	SW846-6020 04.06-Cu

TMECC - Test Methods for the Examination of Composting and Compost, The U.S. Composting Council.

Report Approved By:

Greg Neyman - Vice President / COO

Approval Date: 7/21/2014

REPORT NO.

F14181-6006

ACCOUNT NUMBER

91005

# A & L GREAT LAKES LABORATORIES, INC.

3505 Conestoga Drive • Fort Wayne, IN 46808 • Phone 260-483-4759 • Fax 260-483-5274

www.algreatlakes.com • lab@algreatlakes.com

**QUALITY ANALYSES FOR INFORMED DECISIONS**



TO: WE CARE ORGANICS  
9293 BONTA BRIDGE RD  
JORDAN, NY 13080-9430

FOR: ANN ARBOR, MI FACILITY

COPY: AL RATTIE/J DAVIS

STA

ATTN: JEFF LEBLANC

LAB NUMBER: 72599

SAMPLE ID: ANN ARBOR COMPOST

## COMPOST ANALYSIS REPORT

DATE SAMPLED: 06/27/2014

DATE RECEIVED: 06/30/2014

DATE REPORTED: 07/21/2014 PAGE: 2

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Mercury	mg/kg	<0.312	< 0.596	SW846-6020 04.06-Hg
Molybdenum	mg/kg	2.48	4.74	SW846-6020 04.06-Mo
Nickel	mg/kg	7.2	13.7	SW846-6020 04.06-Ni
Lead	mg/kg	28.5	54.4	SW846-6020 04.06-Pb
Selenium	mg/kg	<0.61	< 1.17	SW846-6020 04.06-Se
Zinc	mg/kg	95	181	SW846-6020 04.06-Zn
503 Metals PASS/FAIL	pass/fail		PASS	EPA 503 Metal Limits
pH	-	7.9		TMECC 04.11-A
Soluble Salts	dS/m	1.70		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		100	SM(20th)-9221E TMECC
Pathogen Reduction - PASS/FAIL	pass/fail		PASS	40 CFR 503 Class A
Ash @ 550 C	%	29.72	56.80	TMECC 03.02-B
Organic Matter by LOI @ 550C	%	22.60	43.20	TMECC 05.07-A

REPORT NO.  
F14181-6006  
ACCOUNT NUMBER  
91005

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PAGE: 3

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Organic Carbon by LOI @ 550C	%	11.30	21.60	Estimated
Carbon:Nitrogen Ratio (C:N)	-	13.2:1	13.2:1	TMECC 05.02-A
Foreign Material	%		0.00	TMECC 03.08-A
Germination - Emergence	%	97		TMECC 05.05-A
Germination - Vigor	%	97		TMECC 05.05-A
Ave Ht of Seedlings in Control	inches	3.7		TMECC 05.05-A
Ave Ht of Seedlings in Compost	inches	4.2		TMECC 05.05-A
Respiration - CO <sub>2</sub> -C/g TS	mg CO <sub>2</sub> -C / g TS/Day		1	TMECC 05.08-B
Respiration - CO <sub>2</sub> -C/g OM	mg CO <sub>2</sub> -C / g OM/Day		1	TMECC 05.08-B
Compost Stability Index	-		Very Stable	TMECC 05.08
Retained on U.S. 2-inch Sieve	%		0.00	TMECC 02.02-B
Retained on U.S. 1-inch Sieve	%		0.00	TMECC 02.02-B
Retained on U.S. 5/8-inch Sieve	%		1.54	TMECC 02.02-B



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PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Retained on U.S. 3/8-inch Sieve	%		9.01	TMECC 02.02-B
Retained on U.S. 1/4-inch Sieve	%		8.14	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		13.43	TMECC 02.02-B