



BOARD OF TRUSTEES

Regular Meeting

March 9, 2016

7:00 p.m.

1. CALL MEETING TO ORDER
2. PLEDGE OF ALLEGIANCE
3. ROLL CALL
4. PUBLIC COMMENT: Restricted to three minutes regarding issues on this agenda
5. REPORTS/BOARD COMMENTS
6. APPROVAL OF AGENDA
7. CONSENT AGENDA
 - A. Communications
 - B. Minutes – February 9, 2016 - special meeting
 - C. Minutes-February 10, 2016 - regular meeting
 - D. Minutes-February 23, 2016 – work session with Mary Senter / CMU
 - E. Bills
 - F. Payroll
 - G. Fire Reports
8. BOARD AGENDA
 - A. CMU presentation by Higher Learning Commission / Claudia Douglass
 - B. Mary Senter CMU – Township Resident Survey
 - C. Hydro Seeder Purchase – 2016 Budget Item
 - D. Financial Funding for MTT Appraisals
 - E. Adopt Ordinance 2016-01 – Listening Ear
 - F. Appointment to Planning Commission
 - G. Adjustment to Accountant’s Position
 - H. Township Brine Participation Contract
 - I. Municipal Violation Ordinance Discussion
 - J. Closed Session – Discuss legal opinion with council
9. EXTENDED PUBLIC COMMENT: Restricted to 5 minutes regarding any issue
10. FINAL BOARD MEMBER COMMENT
11. ADJOURNMENT

CHARTER TOWNSHIP OF UNION
Board of Trustees
Special Meeting

A special meeting of the Charter Township of Union Board of Trustees was held on February 9, 2016 at 6:00 p.m. at Union Township Hall.

Meeting was called to order at 6:02 p.m.

Roll Call

Supervisor Alwood, Clerk Henry, Trustee Hauck, Lannen, Mielke and Mikus were present.
Excused: Treasurer Rice

Others Present

Jennifer Loveberry

Public Comment

None

Reports/Board Comments

Approval of Agenda

Mielke moved Lannen supported to approve the agenda as presented. **Vote: Ayes: 6 Nays: 0.**
Motion carried.

BOARD AGENDA

A. Interim Manager

• **Interview William D. Newkirk**

The Board of Trustees interviewed Mr. Newkirk for the Interim Manager position at the Township.

Lannen moved Hauck supported make William D. Newkirk an offer as Interim Manager. **Vote: Ayes: 6 Nays: 0. Motion carried.**

Mikus moved Hauck supported to go into closed session to review discuss pay rate at 7:03 p.m. **Vote: Ayes: 6 Nays: 0. Motion carried.**

Mikus moved Hauck supported to come out of closed session.

7:17 p.m. open session

Henry moved Hauck supported to hire William D. Newkirk for the temporary position as Interim Manager for 25-30 hours a week at a hourly rate of \$45 hr, no benefits. **Vote: Ayes: 6 Nays: 0. Motion carried.**

EXTENDED PUBLIC COMMENT

No comments

FINAL BOARD MEMBER COMMENTS

Hauck- Thanked the search committee for interviewing candidates and finding an Interim Manager.

Henry – Discussed pay scale.

ADJOURNMENT

Mikus moved **Hauck** supported to adjourn the meeting at 7:47 p.m. **Ayes: all. Motion carried.**

APPROVED BY:

Margie Henry, Clerk

Russ Alwood, Supervisor

(Recorded by Jennifer Loveberry)

CHARTER TOWNSHIP OF UNION
Board of Trustees
Regular Meeting

A regular meeting of the Charter Township of Union Board of Trustees was held on February 10, 2016 at 7:00 p.m. at Union Township Hall.

Meeting was called to order at 7:00 p.m.

Roll Call

Supervisor Alwood, Clerk Henry, Treasurer Rice Trustee Hauck, Lannen, Mielke and Mikus were present.

Others Present

Jennifer Loveberry

Public Comment – open 7:01 pm

Norm Woerle, 5685 Carriage Ln. – commented on Broomfield Rd. Project, Crawford Rd. safety

Reports/Board Comments

Mielke – Mary Senter / CMU meeting Planning Commission on 2/16/16.

Alwood – Road Commission will be conducting traffic study

Mikus – Sustainability Committee set annual clean up day for June 25, 2016. Mentioned the expiring seat on the Planning Commission.

Mikus moved **Mielke** supported to advertise for expiring seat on the Planning Commission.

Vote: Ayes: 7 Nays: 0.

Lannen – William Newkirk was hired as Interim Manager, he will start 2/16/16.

Approval of Agenda

Hauck moved **Rice** supported to approve the agenda with changes, postponing item C until Planning Commission comes to the Board with an ordinance. **Vote: Ayes: 7 Nays: 0. Motion carried.**

Consent Agenda

- A. Communications
- B. Minutes – January 27, 2016–Regular Meeting
- C. Bills
- D. Payroll
- E. Fire Reports

Mikus moved **Hauck** supported to approve the consent agenda with changes, removing Meeting Pay and correcting Minutes. **Vote: Ayes: 7 Nays: 0. Motion carried.**

BOARD AGENDA

A. 2016 Township survey / discussion with Mary Senter (CMU)

The Board discussed the updates Mary Senter made for the 2016 Township Survey and are planning an upcoming work study.

B. Tax Dollars at Stake County Wide

Pat DePriest presented information to the Board.

C. Budget Adjustment – Parks Truck Purchase

Mikus moved **Hauck** supported to approve the staff's recommendation for the Parks truck purchase taking \$20,000 in contingency, \$5,000 General Fund, and \$200 from parks budget truck repairs. Let Interim Manager find adjustments to replenish contingency fund in the next few weeks. **Vote: Ayes: 7 Nays: 0. Motion carried.**

D. Broomfield Rd. Case Study Discussion

Discussion was held by the Board. Add to February 24, 2016 Agenda.

E. Municipal Violation Ordinance Discussion

Mielke moved **Hauck** supported to table until February 24, 2016 meeting. **Vote: Ayes: 7 Nays: 0. Motion carried.**

EXTENDED PUBLIC COMMENT

James Holton of the 4th District County Commission updated the board on the county government.

Norm Woerle, 685 Carriage Ln., - Commented on Township transparency and feedback from residents. Also commented on the Planning Commission reviewing the Master Plan and zoning, look into implementing form based zoning to see if it would be beneficial to our residents.

FINAL BOARD MEMBER COMMENTS

Lannen – Mentioned safety on Crawford Rd. needs to be a priority.

Mielke – Explanation on form based zoning (use based) that was brought up by Woerle was explained.

Alwood – The residents on the Township Boards are there because they want to serve the community. Safety training / active shooter training was held at the Township and door locks have been implemented.

ADJOURNMENT

Hauck moved **Rice** supported to adjourn the meeting at 9:30 p.m. **Ayes: all. Motion carried.**

APPROVED BY:

Margie Henry, Clerk

Russ Alwood, Supervisor

(Recorded by Jennifer Loveberry)

User: SHERRIE

CHECK DATE FROM 02/11/2016 - 02/24/2016

DB: Union

Check Date	Bank	Check	Vendor	Vendor Name	Amount
Bank 101 POOLED CHECKING					
02/24/2016	101	35(E)	00146	CONSUMERS ENERGY PAYMENT CENTER	14,770.93
02/24/2016	101	36(E)	00146	VOID	0.00
02/11/2016	101	18130	01254	LARRY M SOMMER	192.31
02/24/2016	101	18131	01358	21ST CENTURY MEDIA-MICHIGAN	1,179.36
02/24/2016	101	18132	00043	ARROW UNIFORM	323.45
02/24/2016	101	18133	00084	B S & A SOFTWARE	850.00
02/24/2016	101	18134	01240	BRAUN KENDRICK FINKBEINER PLC	3,628.00
02/24/2016	101	18135	00095	C & C ENTERPRISES, INC.	6.00
02/24/2016	101	18136	00129	CMS INTERNET, LLC	1,029.20
02/24/2016	101	18137	01402	SONYA M. CODY	166.54
02/24/2016	101	18138	00155	COYNE OIL CORPORATION	383.43
02/24/2016	101	18139	01242	CULLIGAN WATER	13.00
02/24/2016	101	18140	00903	DETECTION INSTRUMENTS CORPORATION	274.01
02/24/2016	101	18141	00188	DOUG'S SMALL ENGINE	1,183.96
02/24/2016	101	18142	01463	EDUCATION & TRAINING SERVICES	499.00
02/24/2016	101	18143	00098	ELECTION SOURCE	27.50
02/24/2016	101	18144	00209	ETNA SUPPLY COMPANY	4,700.00
02/24/2016	101	18145	00231	FOUR SEASON'S EXTERMINATING	40.00
02/24/2016	101	18146	00248	GILBOE'S LOCK & SAFE SERVICE	179.80
02/24/2016	101	18147	00249	GILL-ROY'S HARDWARE	9.59
02/24/2016	101	18148	00261	GRAINGER	1,229.96
02/24/2016	101	18149	00307	IDEXX DISTRIBUTION, INC	1,244.29
02/24/2016	101	18150	00337	ISABELLA COUNTY TREASURER	72,470.00
02/24/2016	101	18151	00356	KENNEDY INDUSTRIES, INC.	1,831.00
02/24/2016	101	18152	00360	KIMBALL MIDWEST	109.06
02/24/2016	101	18153	00362	KRAPOHL FORD & LINCOLN	26,403.00
02/24/2016	101	18154	01464	MAX AND EMILY'S EATERY	205.00
02/24/2016	101	18155	00733	MICHIGAN ASSN. OF PLANNING	800.00
02/24/2016	101	18156	00418	MICHIGAN ELECTION RESOURCES	147.47
02/24/2016	101	18157	00142	MICHIGAN OFFICE SOLUTIONS	243.00
02/24/2016	101	18158	00907	MID MICHIGAN CABLE CONSORTIUM	13,396.81
02/24/2016	101	18159	00437	MIDDLE MICHIGAN DEVELOPMENT CORP	2,500.00
02/24/2016	101	18160	01266	MOREYS LOGO.COM	70.00
02/24/2016	101	18161	00473	MUNICIPAL SUPPLY CO	128.79
02/24/2016	101	18162	00494	NORTH CENTRAL LABORATORIES	3,781.30
02/24/2016	101	18163	01350	ROTH ELECTRIC SOUND LLC	135.00
02/24/2016	101	18164	00569	ROWE PROFESSIONAL SERVICES COMPANY	3,708.00
02/24/2016	101	18165	01329	ANGELA SCHOFIELD	47.59
02/24/2016	101	18166	01364	SHERRIE TEALL	198.72
02/24/2016	101	18167	01254	LARRY M SOMMER	2.70
02/24/2016	101	18168	01322	STATE OF MICHIGAN MDEQ	140.00
02/24/2016	101	18169	01207	TEAM FINANCIAL GROUP, INC	1,097.87
02/24/2016	101	18170	00943	TILMANN HARDWARE, INC	80.00
02/24/2016	101	18171	01032	UNITED STATES POSTAL SERVICE	1,400.00
02/24/2016	101	18172	01013	USA BLUE BOOK	2,034.64
02/24/2016	101	18173	00723	WINN TELECOM	198.39
02/24/2016	101	18174	01246	WOLVERINE POWER SYSTEMS	5,676.27

101 TOTALS:

Total of 47 Checks:

168,734.94

Less 1 Void Checks:

0.00

Total of 46 Disbursements:

168,734.94

Check Date	Bank	Check	Vendor	Vendor Name	Description	Amount
Bank 101 POOLED CHECKING						
02/24/2016	101	35(E)	00146	CONSUMERS ENERGY PAYMENT CENTER	2270 NORTHWAY DR. 1660 BELMONT DR. 1933 S. ISABELLA 5537 E. BROADWAY 5525 E. REMUS 2055 ENTERPRISE DR. 5142 BUD ST 5144 BUD ST 5076 S. MISSION 4795 S. MISSION 4797 S. MISSION BARN 5228 S. ISABELLA 4822 ENCORE 4244 E. BLUEGRASS 900 MULBERRY LANE 5240 E. BROOMFIELD	25.12 86.54 510.53 295.86 96.14 221.95 198.39 22.59 1,056.02 2,446.00 565.42 8,043.93 126.13 79.74 76.69 919.88
						14,770.93
02/24/2016	101	36(E)	00146	VOID		
Void Reason: Created From Check Run Process						
02/11/2016	101	18130	01254	LARRY M SOMMER	FLEX DEPENDENT CARE REIMBURSEMENT	192.31
02/24/2016	101	18131	01358	21ST CENTURY MEDIA-MICHIGAN	INTERIM MANAGER ADVERTISING ADVERTISING -PC BOARD MINUTES	403.00 776.36
						1,179.36
02/24/2016	101	18132	00043	ARROW UNIFORM	UNIFORMS UNIFORMS UNIFORMS UNIFORMS UNIFORMS CLEANING RAGS FOR TOWNSHIP HALL	44.19 44.19 66.35 72.08 73.14 23.50
						323.45
02/24/2016	101	18133	00084	B S & A SOFTWARE	TAX & DELINQ PERS PROP MODULE TRAINING	850.00
02/24/2016	101	18134	01240	BRAUN KENDRICK FINKBEINER PLC	SERVICES RENDERED JAN, 2016	3,628.00
02/24/2016	101	18135	00095	C & C ENTERPRISES, INC.	JERSEY GLOVES	6.00
02/24/2016	101	18136	00129	CMS INTERNET, LLC	REMOTE SUPPORT CMS SERVER AND PHONE-MAR 2016	190.00 839.20
						1,029.20
02/24/2016	101	18137	01402	SONYA M. CODY	MILEAGE REIMBURS-TRAINING DEPUTY CLERK	166.54
02/24/2016	101	18138	00155	COYNE OIL CORPORATION	GAS/FUEL	383.43
02/24/2016	101	18139	01242	CULLIGAN WATER	WATER	13.00
02/24/2016	101	18140	00903	DETECTION INSTRUMENTS CORPORATION	IR TRANSCEIVER REPLACEMENT	274.01
02/24/2016	101	18141	00188	DOUG'S SMALL ENGINE	CHOP SAW	1,183.96
02/24/2016	101	18142	01463	EDUCATION & TRAINING SERVICES	MGMT & SUPERVISORY TRAINING	499.00
02/24/2016	101	18143	00098	ELECTION SOURCE	ELECTION SUPPLIES	27.50
02/24/2016	101	18144	00209	ETNA SUPPLY COMPANY	2" METERS REPLACEMENT METERS	1,580.00 3,120.00
						4,700.00

V

CHECK REGISTER FOR CHARTER TOWNSHIP OF UNION
 CHECK DATE FROM 02/11/2016 - 02/24/2016

Check Date	Bank	Check	Vendor	Vendor Name	Description	Amount
02/24/2016	101	18145	00231	FOUR SEASON'S EXTERMINATING	INTERIOR INSPECTION AND TREATMENT	40.00
02/24/2016	101	18146	00248	GILBOE'S LOCK & SAFE SERVICE	6 REKEY OFFICES TOWNSHIP HALL, 12 KEYS	179.80
02/24/2016	101	18147	00249	GILL-ROY'S HARDWARE	CLERK CLOSET LOCK FOR THE VOTING MACHIN	9.59
02/24/2016	101	18148	00261	GRAINGER	SUPPLIES	653.96
					SUPPLIES	576.00
						1,229.96
02/24/2016	101	18149	00307	IDEXX DISTRIBUTION, INC	SUPPLIES	1,244.29
02/24/2016	101	18150	00337	ISABELLA COUNTY TREASURER	2009 WASTEWTR RFDG BOND PMT	39,992.50
					2010 WATER SYSTEM BOND PMT	32,477.50
						72,470.00
02/24/2016	101	18151	00356	KENNEDY INDUSTRIES, INC.	SUPPLIES	180.00
					SUPPLIES	1,651.00
						1,831.00
02/24/2016	101	18152	00360	KIMBALL MIDWEST	SUPPLIES	109.06
02/24/2016	101	18153	00362	KRAPOHL FORD & LINCOLN	2016 FORD F-150	26,403.00
02/24/2016	101	18154	01464	MAX AND EMILY'S EATERY	MEETING SNACKS	205.00
02/24/2016	101	18155	00733	MICHIGAN ASSN. OF PLANNING	ANNUAL MEMBERSHIP DUES PC & ZBA	800.00
02/24/2016	101	18156	00418	MICHIGAN ELECTION RESOURCES	ELECTION SUPPLIES	147.47
02/24/2016	101	18157	00142	MICHIGAN OFFICE SOLUTIONS	WASTE WATER PRINTER SERVICE CONTRACT	243.00
02/24/2016	101	18158	00907	MID MICHIGAN CABLE CONSORTIUM	FRANCHISE FEES 4TH Q 2015	13,396.81
02/24/2016	101	18159	00437	MIDDLE MICHIGAN DEVELOPMENT CORP	1ST Q 2016 CLIENT FEE	2,500.00
02/24/2016	101	18160	01266	MOREYS LOGO.COM	PARKS TRUCK	70.00
02/24/2016	101	18161	00473	MUNICIPAL SUPPLY CO	TAPPING MACHINE SHELL CUTTER	128.79
02/24/2016	101	18162	00494	NORTH CENTRAL LABORATORIES	SUPPLIES	1,280.63
					SUPPLIES	1,935.73
					SUPPLIES	120.50
					SUPPLIES	444.44
						3,781.30
02/24/2016	101	18163	01350	ROTH ELECTRIC SOUND LLC	CONNECT COMPUTER TO SOUND SYSTEM IN MEE	135.00
02/24/2016	101	18164	00569	ROWE PROFESSIONAL SERVICES COMPANY	DEERFIELD PATHWAY LIGHTING DESIGN	3,358.00
					BLUEGRASS/ISABELLA SIDEWALK DESIGN	350.00
						3,708.00
02/24/2016	101	18165	01329	ANGELA SCHOFIELD	FLEX MEDICAL REIMBURSEMENT	47.59
02/24/2016	101	18166	01364	SHERRIE TEALL	MILEAGE 2/4 AND 2/12	198.72
02/24/2016	101	18167	01254	LARRY M SOMMER	FLEX MEDICAL REIMBURSEMENT	2.70
02/24/2016	101	18168	01322	STATE OF MICHIGAN MDEQ	DISTRIBUTION CERTIFICATION - ROCKAFELLO	70.00
					DISTRIBUTION CERTIFICATION - FUSSMAN	70.00
						140.00
02/24/2016	101	18169	01207	TEAM FINANCIAL GROUP, INC	2 XEROX WORKCENTERE COPIERS	1,097.87
02/24/2016	101	18170	00943	TILMANN HARDWARE, INC	REPAIR 2014 NH BOOMER 24	80.00
02/24/2016	101	18171	01032	UNITED STATES POSTAL SERVICE	REPLENISH PERMIT #11 - WATER/SEWER BILL	1,400.00
02/24/2016	101	18172	01013	USA BLUE BOOK	SUPPLIES	150.19
					SUPPLIES	126.36
					SUPPLIES	112.77
					SUPPLIES	113.60

02/18/2016 04:37 PM
 User: SHERRIE
 DB: Union

CHECK REGISTER FOR CHARTER TOWNSHIP OF UNION
 CHECK DATE FROM 02/11/2016 - 02/24/2016

Check Date	Bank	Check	Vendor	Vendor Name	Description	Amount
					SUPPLIES	376.59
					SUPPLIES	47.88
					EQUIPMENT	824.51
					CHLORINE EQUIPMENT	282.74
						<u>2,034.64</u>
02/24/2016	101	18173	00723	WINN TELECOM	PHONE SERVICE FEB 15 - MARCH 14	198.39
02/24/2016	101	18174	01246	WOLVERINE POWER SYSTEMS	GENERATOR #6	542.70
					SERVICE & CHECK GENERATOR SHOP WELL SIT	394.00
					SERVICE & CHECK GENERATOR #2	290.00
					SERVICE & CHECK GENERATOR #3	614.45
					SERVICE & CHECK GENERATOR BROADWAY TOWE	210.00
					SERVICE & CHECK GENERATOR (350KW) ISABE	708.85
					SERVICE & CHECK GNEERATOR (125KW) ISABE	340.58
					SERVICE & CHECK GENERATOR #7	290.00
					SERVICE & CHECK GENERATOR MERIDIAN WELL	357.48
					SERVICE & CHECK GENERATOR TTRAILER UNIT	347.13
					SERVICE & CHECK GENERATOR TRAILER UNIT	373.55
					SERVICE & CHECK GENERATOR TRAILER UNIT	339.03
					SERCICE & CHECK OF GNERATOR TRAILER UNI	298.10
					SERVICE & CHECK GENERATOR WWTP	570.40
						<u>5,676.27</u>
101 TOTALS:						
Total of 47 Checks:						168,734.94
Less 1 Void Checks:						0.00
Total of 46 Disbursements:						<u>168,734.94</u>

Charter Township of Union Payroll
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CHECK DATE: Feb 11, 2016

PPE: Feb 6, 2016

NOTE: CHECK TOTAL FOR TRANSFER

Gross Payroll	\$ 47,957.24
Employer Share Med	685.36
Employer Share SS	2,930.79
SUI	2,671.60
Pension-Employer Portion	3,412.03
Workers' Comp	561.99
Life/LTD	544.43
Dental	-
Health Care	33,584.44
Cobra/Flex Administration	26.15
Total Transfer to Payroll checking	<u><u>\$ 92,374.03</u></u>

NOTE: PAYROLL TRANSFER NEEDED

General Fund	\$ 36,713.19
Building Fund	-
EDDA	-
WDDA	-
Sewer Fund	29,131.54
Water Fund	26,529.30
Workers Comp	-
Health Care	-
Total To Transfer from Pooled Savings	<u><u>\$ 92,374.03</u></u>

Mount Pleasant Fire Department

Fire Experience Report For Union Township/City of Mt. Pleasant
Period - January 25, 2016 through January 31, 2016

Category	Code	Description	Twp	Resp	City
Fire	100	Fire, Other			
	111	Building Fire			
	112	Fires in Structures other than a Building			
	113	Cooking Fire			1
	114	Chimney or Flue Fire			
	131	Passenger Vehicle Fire			1
	132	Road freight or transport vehicle fire			
	136	Self-propelled Motor Home/Recreational			
	138	Off-road vehicle of heavy equipment fire			
	140	Natural Vegetation Fire			
	143	Grass/Brush fire			
	150	Outside Rubbish Fire, other			
	151	Outside Rubbish Fire, trash or waste fire			
	154	Dumpster Fire			
	160	Special Outside Fire, Other			
	Overpressure Rupture, (No Fire)	251	Excessive heat, scorch burns with no fire		
Rescue & EMS Incident	311	Medical Assist to EMS Crew	2	5	1
	321	EMS Call excluding Veh. Accident	1	3	2
	322	Motor Vehicle Acc. W/ Injuries			2
	323	Motor Vehicle Acc/Pedestrian			
	324	Motor Vehicle Acc. W/no Injuries			1
	342	Search for Person in Water			
	352	Extrication of Victim (s) from vehicle			
	353	Remove Victim from Stalled Elevator			
	360	Water & Ice-related Rescue, Other			
	361	Swimming /recreational water area rescue			
3811	Technical rescue standby				
Hazardous Condition (No Fire)	400	Hazard condition other			
	410	Combustible/Flammable Gas Condition			
	411	Gasoline or Other Flammable Spill			
	412	Gas Leak			
	413	Oil of Combustible Liquid Spill			
	424	Carbon Monoxide Incident			1
	440	Electric Wiring/Equipment Problem			
	441	Heat from Short Curcuit			
	442	Overheated Motor			
	443	Breakdown of Light Ballast			
	444	Power Line Down			
	445	Arcing, shorted electrical equipment			
	463	Vehicle Accident, general cleanup			
480	Attempted burning, illegal action, other				
4441	Utility Line Down				

Service Call	500	Service Call - Other			
	510	Person in Distress			
	511	Lock-out			
	512	Ring or Jewelry removal			
	520	Water Problem, Other			
	521	Water Evacuation			
	522	Water of Steam Leak			
	531	Smoke or Odor Removal			
	542	Animal Rescue			
	552	Police Matter			
	553	Public Service			
	561	Unauthorized Burning			
	571	Cover assignment, standby, moveup			
Good Intent Call	600	Good Intent Call, Other			
	611	Dispatched and Cancelled en route			
	622	No Incident Found on Arrival			
	631	Authorized controlled burning			
	650	Steam, gas mistaken for smoke,			
	651	Smoke Scare, Odor of Smoke			
False Alarm & False Call	700	False Alarm, Other			
	710	Malicious, mischievous false call, other			
	715	Local Alarm System, Malicious False Alarm			
	730	System Malfunction			
	731	Sprinkler activation due to malfunction			
	732	Extinguishing System Activation - Malfunction			
	733	Smoke Det. Activation - Malfunction			
	734	Heat Detector Activation - Malfunction			
	735	Alarm system sounded due to malfunction			
	736	CO detector activation due to malfunction			
	740	Unintentional transmission of alarm, other			
	741	Sprinkler activation, no fire			
	743	Smoke Det. Activation - Unintentional			
	744	Detector activation, no fire			
	745	Alarm System Act. - Unintentional	1	3	
	746	Carbon Monoxide Activation, NO CO			
Severe Weather	813	Wind Storm, Tornado/Hurricane Assessment			
Special Incident Type	911	Citizen Complaint			
	9003	Affidavit Issued			
		Total Response for Union Twp/City	4	11	9

	Emergency - MPFD
	Emergency - MPFD Secondary to MMR
	Non - Emergency

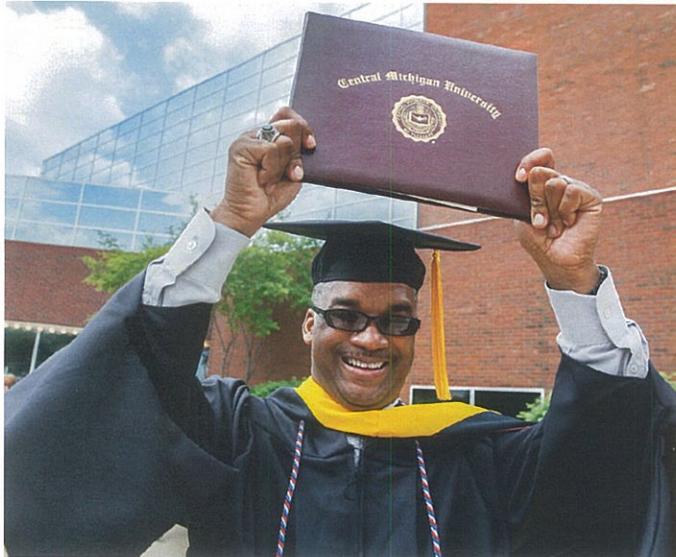
Mount Pleasant Fire Department

**Fire Experience Report For Union Township/City of Mt. Pleasant
Period - February 1, 2016 through February 7, 2016**

Category	Code	Description	Twp	Resp	City
Fire	100	Fire, Other			
	111	Building Fire			
	112	Fires in Structures other than a Building			
	113	Cooking Fire			
	114	Chimney or Flue Fire			
	131	Passenger Vehicle Fire			1
	132	Road freight or transport vehicle fire			
	136	Self-propelled Motor Home/Recreational			
	138	Off-road vehicle of heavy equipment fire			
	140	Natural Vegetation Fire			
	143	Grass/Brush fire			
	150	Outside Rubbish Fire, other			
	151	Outside Rubbish Fire, trash or waste fire			
	154	Dumpster Fire			
	160	Special Outside Fire, Other			
	Overpressure Rupture, (No Fire)	251	Excessive heat, scorch burns with no fire		
Rescue & EMS Incident	311	Medical Assist to EMS Crew	1	2	3
	321	EMS Call excluding Veh. Accident	2	9	1
	322	Motor Vehicle Acc. W/ Injuries			1
	323	Motor Vehicle Acc/Pedestrian			
	324	Motor Vehicle Acc. W/no Injuries			
	342	Search for Person in Water			
	352	Extrication of Victim (s) from vehicle			
	353	Remove Victim from Stalled Elevator			
	360	Water & Ice-related Rescue, Other			
	361	Swimming /recreational water area rescue			
3811	Technical rescue standby				
Hazardous Condition (No Fire)	400	Hazard condition other			
	410	Combustible/Flammable Gas Condition			
	411	Gasoline or Other Flammable Spill			
	412	Gas Leak			
	413	Oil of Combustible Liquid Spill			
	424	Carbon Monoxide Incident			
	440	Electric Wiring/Equipment Problem	1	2	
	441	Heat from Short Circuit			
	442	Overheated Motor			
	443	Breakdown of Light Ballast			
	444	Power Line Down			
	445	Arcing, shorted electrical equipment			
463	Vehicle Accident, general cleanup				
480	Attempted burning, illegal action, other				
4441	Utility Line Down				

Service Call	500	Service Call - Other			
	510	Person in Distress			
	511	Lock-out			
	512	Ring or Jewelry removal			
	520	Water Problem, Other			
	521	Water Evacuation			
	522	Water of Steam Leak			
	531	Smoke or Odor Removal			
	542	Animal Rescue			
	552	Police Matter			
	553	Public Service			
	561	Unauthorized Burning			
	571	Cover assignment, standby, moveup			
Good Intent Call	600	Good Intent Call, Other			
	611	Dispatched and Cancelled en route	1	2	
	622	No Incident Found on Arrival			1
	631	Authorized controlled burning			
	650	Steam, gas mistaken for smoke,			
	651	Smoke Scare, Odor of Smoke			
False Alarm & False Call	700	False Alarm, Other	1	2	
	710	Malicious, mischievous false call, other			
	715	Local Alarm System, Malicious False Alarm			
	730	System Malfunction			
	731	Sprinkler activation due to malfunction			
	732	Extinguishing System Activation - Malfunction			
	733	Smoke Det. Activation - Malfunction	1	2	
	734	Heat Detector Activation - Malfunction			
	735	Alarm system sounded due to malfunction			
	736	CO detector activation due to malfunction			
	740	Unintentional transmission of alarm, other			1
	741	Sprinkler activation, no fire			
	743	Smoke Det. Activation - Unintentional	1		
	744	Detector activation, no fire			
	745	Alarm System Act. - Unintentional			
	746	Carbon Monoxide Activation, NO CO			
Severe Weather	813	Wind Storm, Tornado/Hurricane Assessment			
Special Incident Type	911	Citizen Complaint			
	9003	Affidavit Issued			
		Total Response for Union Twp/City	8	19	8

	Emergency - MPFD
	Emergency - MPFD Secondary to MMR
	Non - Emergency



CMU's Spring 2015 commencement

Share Your Comments

As part of its ongoing effort to make the accreditation process responsive to a broad range of constituents, the HLC has integrated the third-party comment process into its regular accrediting processes. The HLC values your thoughts on the quality of education provided by CMU and invites you to submit comments. These comments will be forwarded to the evaluation team members to include in their review of the institution.



Online

Submit comments on the commission's website at <https://www.hlcommission.org/HLC-Institutions/third-party-comment.html>

By Mail

Third-Party Comment on Central Michigan University
The Higher Learning Commission
230 South LaSalle Street, Suite 7-500
Chicago, IL 60604-1411

Your comments should be received by the HLC no later than March 20, 2016.

Advancing Excellence: Forging CMU's Future

At Central Michigan University, our vision, mission, core values, and five strategic priorities are the center of our educational leadership.

Vision Statement

Central Michigan University, an inclusive community of scholars, is a national leader in higher education inspiring excellence and innovation.

Mission Statement

At Central Michigan University, we are a community committed to the pursuit of knowledge, wisdom, discovery, and creativity. We provide student-centered education and foster personal and intellectual growth to prepare students for productive careers, meaningful lives, and responsible citizenship in a global society.

Core Values

To achieve our mission, we adhere to the core values of integrity, respect, compassion, inclusiveness, social responsibility, excellence and innovation.

Strategic Priorities

- » Student Success
- » Research and Creative Activity
- » Quality Faculty and Staff
- » Community Partnerships
- » Infrastructure Stewardship



cmich.edu/strategicplan

CMU is an AA/EO institution, providing equal opportunity to all persons, including minorities, females, veterans and individuals with disabilities (see cmich.edu/ocrie)
UComm 9400, 5.000

ACCREDITED



LINK TO THE HLC WEB SITE

After you click on the link you are redirected to the HLC website.

Reaffirmation of Accreditation

April 25-26, 2016



CMU
CENTRAL MICHIGAN
UNIVERSITY

cmich.edu/hlc

What is Accreditation?

Accreditation is a validation process used by the Higher Learning Commission to evaluate colleges, universities, and other institutions of higher learning.

Accreditation affirms that a university provides a quality education, which the public has the right to expect. A student who attends an accredited institution is not only assured of receiving a quality education but also of knowing that other colleges and employers will recognize the course credits and degrees earned.

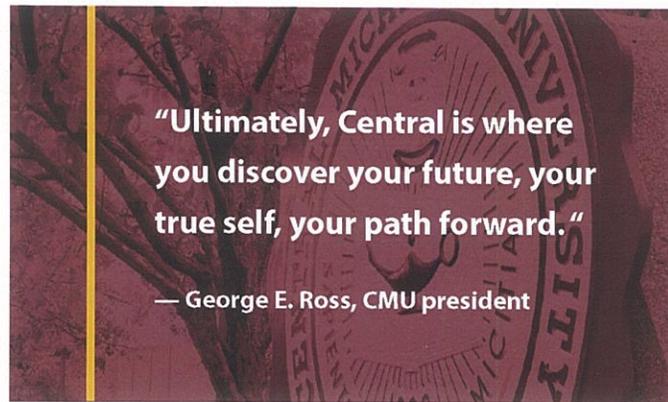
CMU was first accredited in 1915 and has been accredited since, except for 1922-23. Every ten years, we must demonstrate that the institution deserves the right to retain its accreditation. CMU was last reaffirmed in 2006.

The reaffirmation process reviews all facets of the university based on five criteria (see the next section). The criteria encompass such things as CMU's finances and resources, compliance with federal regulations, educational quality, and a multitude of other factors.

Input from students, faculty, staff, alumni, and community members is also a crucial element in reaffirming our accreditation.



CMU's Bloomberg Financial Analysis Lab



Criteria for Accreditation

- 1. Mission:** The institution's mission is clear and articulated publicly; it guides the institution's operations.
- 2. Integrity – Ethical and Responsible Conduct:** The institution acts with integrity; its conduct is ethical and responsible.
- 3. Teaching and Learning – Quality, Resources, and Support:** The institution provides high quality education, wherever and however its offerings are delivered.
- 4. Teaching and Learning – Evaluation and Improvement:** The institution demonstrates responsibility for the quality of its educational programs, learning environments, and support services, and it evaluates their effectiveness for student learning through processes designed to promote continuous improvement.
- 5. Resources, Planning, and Institutional Effectiveness:** The institution's resources, structures, and processes are sufficient to fulfill its mission, improve the quality of its educational offerings, and respond to future challenges and opportunities. The institution plans for the future.



Questions?
CMUHLC@cmich.edu

Excellence at CMU

- » \$361 million in scholarships and financial aid distributed annually.
- » CMU influenced Michigan's economy to the tune of \$941 million per year.
- » 200+ academic programs, including 70+ graduate programs at the masters, specialist, and doctoral levels.
- » Academic programs hold 25+ specialized accreditations, including AACSB, ABET, ACEJMC, APA, and TEAC.
- » *U.S. News & World Report* rankings:
 - » Best online programs: graduate programs ranked #5, undergraduate programs #13, MBA #25.
 - » Best graduate programs: Audiology ranked #29, Speech-Language Pathology #84, Physical Therapy #99.
 - » Undergraduate Engineering ranked #98 among programs where doctorate is not offered.
- » First undergraduate neuroscience program in Michigan; voted 2013 Undergraduate Program of the Year by the Society for Neuroscience.
- » Only school in Michigan with degree programs in meteorology, and recreation and event management.



CMU's Biological Station on Beaver Island

RECEIVED

FEB 11 2016

CHARTER TWP.
of UNION

FEB 11 2016

CHARTER TWP.
of UNION

APPOINTMENT TO BOARDS, COMMISSIONS & COMMITTEES OF
UNION TOWNSHIP
APPLICATION

Name: Richard L. McGuirk Date: 2/11/2016

Principal Residence Address: 770 Stoneridge Dr., Mt. Pleasant

Business/Work Address: 4175 E. Bluegrass Rd., Mt. Pleasant

Telephone: (Home #) 989-621-5000 (Work #) 989-817-4411

Email Address: rick@unitedapts.com Occupation: Real Estate - Property Management

Number in order of preference, area(s) of interest; leave blank if you do not wish to serve on a particular board.

 Zoning Board of Appeals, *Must be a Union Township resident.*

 Board of Review, *Must be a Union Township resident.*

 X Planning Commission, *Must be a Union Township resident.*

 Economic Development Authority(EDA), *Must own or operate a business in one of the DDA districts.*

 Citizens Advisory Board for _____
(Parks, Sustainability)

Please state reason(s) for interest in above board(s), use separate pages as necessary:

I have served on several boards in a variety of capacities. I feel my experience and skill set would

allow me to be an asset to Union Township. I feel passionate to be involved in making good choices for the community that I live and do business in.

Qualifications and other information:

Please see the attached qualifications listing.

Signature: Richard L. McGuirk

APPOINTMENT TO BOARDS, COMMISSIONS & COMMITTEES OF UNION TOWNSHIP
APPLICATION

Richard L. McGuirk (continued)

Qualifications and other information:

- Grant Review Committee, Mt. Pleasant Area Community Foundation (2004 to present)
- TIFA/DDA Board of Directors – City of Mt. Pleasant (2011 to present)
- Development Board (Donor Relations & Athletics Development) Central Michigan University (2005 to present)
- Planning Commissioner – Union Township (2012 to present)
- Licensed Builder
- Real Estate Broker
- BSBA – Central Michigan University

Memorandum

Date: February 22, 2016
To: Union Township Board
From: William Newkirk, Interim Manager 
Subject: Adjustments to Accountant's Position

I have completed a review of the current compensation level of our Accountant, and potential adjustments that could be made to that position and department. I have reviewed not only our accountant's current function and compensation level, but have also reviewed the relevant material available to me on comparable positions in the area. As a result of that research, I would recommend the following:

1. Based on the operations being handled by our Accountant, I believe it is warranted that the title of this position be changed from Accountant to Finance Director. This change more appropriately reflects the current function of that individual, and office.
2. As a reflection of the increased work load and responsibility of the Finance Director, I recommend a salary increase to \$60,000 for the 2016 fiscal year.
3. I further recommend that a part time assistant be hired to work in that office, assuming whatever duties are assigned by the Finance Director. The hours of employment for this position will be determined by the Finance Director and the Township Manager, with Board approval.

Due to the nature of the work load being carried currently by our Accountant, I urge the Union Township Board to consider these changes soon.

I will be happy to answer any questions you might have relative to this recommendation.

CHARTER TOWNSHIP OF UNION
Board of Trustees
Special Meeting

A special meeting of the Charter Township of Union Board of Trustees was held on February 23, 2016 at 6:00 p.m. at Union Township Hall.

Meeting was called to order at 6:00 p.m.

Roll Call

Supervisor Alwood, Clerk Henry, Trustee Lannen, Mielke and Mikus were present.
Excused: Treasurer Rice & Trustee Hauck

Others Present

None

Public Comment

None

Reports/Board Comments

Work Session

- A. **Survey of Union Township Residents "2016" draft discussion with Mary Senter / CMU**
Discussion was held.

EXTENDED PUBLIC COMMENT

No comments

FINAL BOARD MEMBER COMMENTS

ADJOURNMENT

Meeting adjourned at 7.20 p.m.

APPROVED BY:

Margie Henry, Clerk

Russ Alwood, Supervisor

(Recorded by Jennifer Loveberry)

03/03/2016 05:10 PM
 User: SHERRIE
 DB: Union

CHECK REGISTER FOR CHARTER TOWNSHIP OF UNION
 CHECK DATE FROM 02/25/2016 - 03/09/2016

Page: 1/1

Check Date	Bank	Check	Vendor	Vendor Name	Amount
Bank 101 POOLED CHECKING					
03/09/2016	101	37 (E)	00146	CONSUMERS ENERGY PAYMENT CENTER	15,819.08
03/09/2016	101	38 (E)	00146	VOID	0.00 V
03/09/2016	101	39 (E)	01105	MASTERCARD	4,953.06
03/09/2016	101	40 (E)	01105	VOID	0.00 V
03/09/2016	101	41 (E)	01105	VOID	0.00 V
03/09/2016	101	42 (E)	01105	VOID	0.00 V
03/04/2016	101	18175	00039	AQUA-AEROBIC SYSTEMS, INC.	1,218.82
03/04/2016	101	18176	00043	ARROW UNIFORM	502.52
03/04/2016	101	18177	00084	B S & A SOFTWARE	75.00
03/04/2016	101	18178	00072	BLOCK ELECTRIC	478.79
03/04/2016	101	18179	00095	C & C ENTERPRISES, INC.	171.32
03/04/2016	101	18180	01309	CGS SAFETY TRAINING, INC	998.50
03/04/2016	101	18181	00129	CMS INTERNET, LLC	324.99
03/04/2016	101	18182	01186	COYNE PROPANE LLC	1,004.47
03/04/2016	101	18183	01171	DBI BUSINESS INTERIORS	102.07
03/04/2016	101	18184	00201	ELHORN ENGINEERING COMPANY	2,016.00
03/04/2016	101	18185	01426	ENVIRONMENTAL RESOURCE ASSOCIATES	300.26
03/04/2016	101	18186	01449	ENVIRONMENTAL SALES, INC	2,000.00
03/04/2016	101	18187	00231	FOUR SEASON'S EXTERMINATING	40.00
03/04/2016	101	18188	00247	GILBERT SALES & SERVICE	247.00
03/04/2016	101	18189	00248	GILBOE'S LOCK & SAFE SERVICE	91.00
03/04/2016	101	18190	00249	GILL-ROY'S HARDWARE	25.17
03/04/2016	101	18191	00324	ISABELLA CORPORATION	2,757.72
03/04/2016	101	18192	00337	ISABELLA COUNTY TREASURER	136.00
03/04/2016	101	18193	00020	JAMES ALWOOD	350.72
03/04/2016	101	18194	00791	JANE CHAFFEE	371.00
03/04/2016	101	18195	00351	JONES & HENRY LABORATORIES, INC.	185.00
03/04/2016	101	18196	00356	KENNEDY INDUSTRIES, INC.	180.00
03/04/2016	101	18197	01356	MCLAREN CENTRAL MICHIGAN	81.00
03/04/2016	101	18198	00402	MEDLER ELECTRIC CO	797.00
03/04/2016	101	18199	00753	MICHIGAN ASSESSORS ASSOCIATION	60.00
03/04/2016	101	18200	00142	MICHIGAN OFFICE SOLUTIONS	451.27
03/04/2016	101	18201	00907	MID MICHIGAN CABLE CONSORTIUM	60.00
03/04/2016	101	18202	00462	MT. PLEASANT FENCE, SASH & DOOR	319.72
03/04/2016	101	18203	01191	NMCOA TREASURER	200.00
03/04/2016	101	18204	00131	PERCEPTIVE CONTROLS, INC	2,230.55
03/04/2016	101	18205	00525	PICKARD STREET CAR WASH	51.00
03/04/2016	101	18206	01440	RESERVE ACCOUNT	2,000.00
03/04/2016	101	18207	00597	SHERWIN WILLIAMS	301.00
03/04/2016	101	18208	01254	LARRY M SOMMER	347.41
03/04/2016	101	18209	00613	STATE INDUSTRIAL PRODUCTS	1,305.00
03/04/2016	101	18210	01446	THRUN LAW FIRM P.C.	3,510.80
03/04/2016	101	18211	00668	UNITED PARCEL SERVICE	19.41
03/04/2016	101	18212	01314	VERIZON WIRELESS	602.20
03/04/2016	101	18213	00703	WASTE MANAGEMENT OF MICHIGAN, INC	1,061.28

101 TOTALS:

Total of 45 Checks:	47,746.13
Less 4 Void Checks:	0.00
Total of 41 Disbursements:	47,746.13

Check Date	Bank	Check	Vendor	Vendor Name	Description	Amount
Bank 101 POOLED CHECKING						
03/09/2016	101	37 (E)	00146	CONSUMERS ENERGY PAYMENT CENTER	2180 S LINCOLN 1776 E PICKARD RD 2010 S LINCOLN RD 1605 SCULLY RD 1046 S. MISSION ST. 5319 E. AIRPORT 1633 S. LINCOLN RD. 4520 E. RIVER 800 CRAIG HILL RD 2279 S. MERIDIAN RD 2279 S. MERIDIAN RD 4511 E. RIVER RD 2424 W. MAY ST. 1876 PACKARD 2188 E. PICKARD 3248 S. CONCOURSE 5369 S CRAWFORD 3998 E. DEERFIELD 2495 E DEERFIELD RD	23.92 94.28 782.61 78.29 118.51 32.45 267.74 624.70 49.87 159.04 918.42 11,446.78 193.14 180.22 92.41 129.17 75.88 126.29 425.36
						15,819.08
03/09/2016	101	38 (E)	00146	VOID	Void Reason: Created From Check Run Process	
03/09/2016	101	39 (E)	01105	MASTERCARD	MTA CONFERENCE LODGING - LANNEN MICHIGAN CONSTRUCTION CODE BOOK CLEANING SUPPLIES TOWNSHIP HALL WATER BREAK - PICKARD WATER BREAK PICKARD WATER SOFT SALT SUPPLIES TOOLS SUPPLIES SUPPLIES SUPPLIES GLOVES / HOSE INSTALL WATER MAIN TRAILER OPERATORS DAY 2016 / WATER MAIN BREAK PI ISABELLA HOSE INSTALL SUPPLIES SUPPLIES PRESSURE TRANSMITTER HOSE INSTALL ISABELLA REPLACE SCREEN ON SHAWN'S PHONE SPRING RETRACTABLE HOSE RELL WITH HOSE MOTOROLA DROID TURBO 2 TERAMO LEATHER CA SUPPLIES SUPPLIES OPERATORS DAY 2016 DEARING / RADAR SUPPLIES SUPPLIES SUPPLIES SUPPLIES PARKS TRUCK REPAIR PARKS TRUCK REPAIR CANDY TOWNSHIP HALL	608.58 139.08 56.76 24.36 9.73 71.88 7.65 278.00 32.70 169.94 17.33 22.21 178.00 100.00 3.50 63.53 29.00 596.00 26.34 174.00 349.78 17.84 28.50 79.17 200.00 89.22 39.78 59.91 55.13 8.99 90.33 38.16

v

Check Date	Bank	Check	Vendor	Vendor Name	Description	Amount
03/04/2016	101	18184	00201	ELHORN ENGINEERING COMPANY	CHLORINE	2,016.00
03/04/2016	101	18185	01426	ENVIRONMENTAL RESOURCE ASSOCIATES	SUPPLIES	300.26
03/04/2016	101	18186	01449	ENVIRONMENTAL SALES, INC	SUPPLIES	2,000.00
03/04/2016	101	18187	00231	FOUR SEASON'S EXTERMINATING	INTERIOR INSPECTION & TREATMENT INCLUDIN	40.00
03/04/2016	101	18188	00247	GILBERT SALES & SERVICE	PRESSURE WASHER	247.00
03/04/2016	101	18189	00248	GILBOE'S LOCK & SAFE SERVICE	REKEY ELECIOTN CLOSET	91.00
03/04/2016	101	18190	00249	GILL-ROY'S HARDWARE	SPRINKLER	20.99
					LIGHT FOR WATER METER CUBBY	4.18
						<u>25.17</u>
03/04/2016	101	18191	00324	ISABELLA CORPORATION	CRAIG HILL RD. SANITARY SEWER PUMP STATI	2,757.72
03/04/2016	101	18192	00337	ISABELLA COUNTY TREASURER	SALE OF DOG LICENSES FOR COUNTY	29.00
					SALE OF DOG LICENSES FOR COUNTY	107.00
						<u>136.00</u>
03/04/2016	101	18193	00020	JAMES ALWOOD	MERIDIAN RD. PROPERTY LEASE	350.72
03/04/2016	101	18194	00791	JANE CHAFFEE	FLEX REIMBURSEMENT	50.00
					FLEX REIMBURSEMENT 3-2-16	321.00
						<u>371.00</u>
03/04/2016	101	18195	00351	JONES & HENRY LABORATORIES, INC.	MERCURY SAMPLES	185.00
03/04/2016	101	18196	00356	KENNEDY INDUSTRIES, INC.	SUPPLIES	180.00
03/04/2016	101	18197	01356	MCLAREN CENTRAL MICHIGAN	DRUG SCREEN DEC-2015	81.00
03/04/2016	101	18198	00402	MEDLER ELECTRIC CO	OPTO MAINT	797.00
03/04/2016	101	18199	00753	MICHIGAN ASSESSORS ASSOCIATION	HP 12 CALCULATOR TRAINING	60.00
03/04/2016	101	18200	00142	MICHIGAN OFFICE SOLUTIONS	COPY OVERAGE CHARGES	451.27
03/04/2016	101	18201	00907	MID MICHIGAN CABLE CONSORTIUM	RECORDED MEETING COPIES FOR LAWSUIT	60.00
03/04/2016	101	18202	00462	MT. PLEASANT FENCE, SASH & DOOR	REPAIRS	242.40
					REPAIR WWTP	77.32
						<u>319.72</u>
03/04/2016	101	18203	01191	NMCOA TREASURER	2016 NORTHERN MICHIGAN CODE OFFICIALS AS	100.00
					2016 NORTHERN MICHIGAN CODE OFFICIALS AS	100.00
						<u>200.00</u>
03/04/2016	101	18204	00131	PERCEPTIVE CONTROLS, INC	OPERATION CHANGES/CONSERVE ENERGY	2,230.55
03/04/2016	101	18205	00525	PICKARD STREET CAR WASH	VEHICLE CLEANING	51.00
03/04/2016	101	18206	01440	RESERVE ACCOUNT	RESERVE ACCOUNT	2,000.00
03/04/2016	101	18207	00597	SHERWIN WILLIAMS	WWTP PAINTING	169.15
					WWTP PAINTING	131.85
						<u>301.00</u>
03/04/2016	101	18208	01254	LARRY M SOMMER	FLEX REIMBURSEMENT	347.41
03/04/2016	101	18209	00613	STATE INDUSTRIAL PRODUCTS	BLOCK WORX	1,305.00
03/04/2016	101	18210	01446	THRUN LAW FIRM P.C.	LEGAL FEES: MTT RELATED	1,933.20
					MTT / ASSESSING	330.00
					MTT/ ASSESSING - ALDI, INC	339.80
					MTT / ASSESSING - DARDEN RESTAURANTS, IN	232.20
					MTT / ASSESSING - RED LOBSTER RESTAURANT	260.00
					MTT / ASSESSING - BOB EVANS	310.60
					MTT / ASSESSING - CHIPS HOUSING LLC, CHI	60.00

Check Date	Bank	Check	Vendor	Vendor Name	Description	Amount
					MTT / ASSESSING - FIGG EQUITIES RIVERWOOD	45.00
						<u>3,510.80</u>
03/04/2016	101	18211	00668	UNITED PARCEL SERVICE	POSTAGE	19.41
03/04/2016	101	18212	01314	VERIZON WIRELESS	CELL PHONE	602.20
03/04/2016	101	18213	00703	WASTE MANAGEMENT OF MICHIGAN, INC	2010 S. LINCOLN	51.87
					5228 S. ISABELLA RD.	61.64
					4511 E. RIVER RD.	649.63
					4795 S. MISSION	44.14
					MCDONALD PARK	152.47
					5142 BUD ST.,	101.53
						<u>1,061.28</u>
101 TOTALS:						
Total of 45 Checks:						47,746.13
Less 4 Void Checks:						<u>0.00</u>
Total of 41 Disbursements:						<u>47,746.13</u>

<p style="text-align: center;">Charter Township of Union Payroll</p>

CHECK DATE: Feb 25, 2016
PPE: Feb 20, 2016

NOTE: CHECK TOTAL FOR TRANSFER

Gross Payroll	\$ 48,412.63
Employer Share Med	696.13
Employer Share SS	2,976.43
SUI	2,064.82
Pension-Employer Portion	3,384.66
Workers' Comp	543.89
Life/LTD	-
Dental	2,052.67
Health Care	-
Cobra/Flex Administration	-
Total Transfer to Payroll checking	<u>\$ 60,131.23</u>

NOTE: PAYROLL TRANSFER NEEDED

General Fund	\$ 23,639.21
Building Fund	-
EDDA	-
WDDA	-
Sewer Fund	20,758.12
Water Fund	15,733.90
Workers Comp	-
Health Care	-
Total To Transfer from Pooled Savings	<u>\$ 60,131.23</u>

Mount Pleasant Fire Department

Fire Experience Report For Union Township/City of Mt. Pleasant
Period - February 15, 2016 through February 21, 2016

Category	Code	Description	Twp	Resp	City
Fire	100	Fire, Other			
	111	Building Fire			
	112	Fires in Structures other than a Building			
	113	Cooking Fire			
	114	Chimney or Flue Fire			
	131	Passenger Vehicle Fire			
	132	Road freight or transport vehicle fire			
	136	Self-propelled Motor Home/Recreational			
	138	Off-road vehicle of heavy equipment fire			
	140	Natural Vegetation Fire			
	143	Grass/Brush fire			
	150	Outside Rubbish Fire, other			
	151	Outside Rubbish Fire, trash or waste fire			
	154	Dumpster Fire			
	160	Special Outside Fire, Other			
	Overpressure Rupture, (No Fire)	251	Excessive heat, scorch burns with no fire		
231		Chemical reaction rupture of process vessel			1
Rescue & EMS Incident	311	Medical Assist to EMS Crew	1	2	2
	321	EMS Call excluding Veh. Accident	1	3	2
	322	Motor Vehicle Acc. W/ Injuries			1
	323	Motor Vehicle Acc/Pedestrian			
	324	Motor Vehicle Acc. W/no Injuries	1	3	
	342	Search for Person in Water			
	352	Extrication of Victim (s) from vehicle			
	353	Remove Victim from Stalled Elevator			
	360	Water & Ice-related Rescue, Other			
	361	Swimming /recreational water area rescue			
3811	Technical rescue standby				
Hazardous Condition (No Fire)	400	Hazard condition other			
	410	Combustible/Flammable Gas Condition			
	411	Gasoline or Other Flammable Spill			
	412	Gas Leak	1	2	2
	413	Oil of Combustible Liquid Spill			
	424	Carbon Monoxide Incident			
	440	Electric Wiring/Equipment Problem			2
	441	Heat from Short Circuit			
	442	Overheated Motor			
	443	Breakdown of Light Ballast			
	444	Power Line Down			
	445	Arcing, shorted electrical equipment			
	463	Vehicle Accident, general cleanup			
480	Attempted burning, illegal action, other				
4441	Utility Line Down			1	

Service Call	500	Service Call - Other			
	510	Person in Distress			
	511	Lock-out			1
	512	Ring or Jewelry removal			
	520	Water Problem, Other			
	521	Water Evacuation			
	522	Water of Steam Leak			
	531	Smoke or Odor Removal			1
	542	Animal Rescue			
	552	Police Matter			
	553	Public Service			
	561	Unauthorized Burning			
	571	Cover assignment, standby, moveup			
Good Intent Call	600	Good Intent Call, Other			
	611	Dispatched and Cancelled en route			
	622	No Incident Found on Arrival			
	631	Authorized controlled burning			
	650	Steam, gas mistaken for smoke,			
	651	Smoke Scare, Odor of Smoke			
	671	HazMat Investigation, no HazMat			
False Alarm & False Call	700	False Alarm, Other			
	710	Malicious, mischievous false call, other			
	715	Local Alarm System, Malicious False Alarm			
	730	System Malfunction			
	731	Sprinkler activation due to malfunction			
	732	Extinguishing System Activation - Malfunction			
	733	Smoke Det. Activation - Malfunction			
	734	Heat Detector Activation - Malfunction			
	735	Alarm system sounded due to malfunction			
	736	CO detector activation due to malfunction			
	740	Unintentional transmission of alarm, other			
	741	Sprinkler activation, no fire			
	743	Smoke Det. Activation - Unintentional			
	744	Detector activation, no fire	1	2	
	745	Alarm System Act. - Unintentional			1
	746	Carbon Monoxide Activation, NO CO			
Severe Weather	813	Wind Storm, Tornado/Hurricane Assessment			
Special Incident Type	911	Citizen Complaint			
	9003	Affidavit Issued			
		Total Response for Union Twp/City	5	12	14

	Emergency - MPFD
	Emergency - MPFD Secondary to MMR
	Non - Emergency

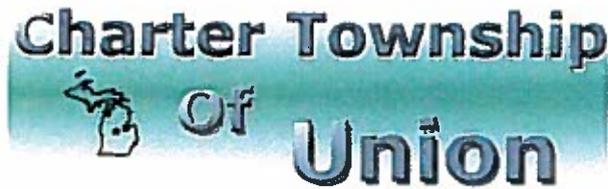
Mount Pleasant Fire Department

**Fire Experience Report For Union Township/City of Mt. Pleasant
Period - February 22, 2016 through February 28, 2016**

Category	Code	Description	Twp	Resp	City
Fire	100	Fire, Other			
	111	Building Fire	1	15	
	112	Fires in Structures other than a Building			
	113	Cooking Fire			
	114	Chimney or Flue Fire			
	131	Passenger Vehicle Fire			
	132	Road freight or transport vehicle fire			
	136	Self-propelled Motor Home/Recreational			
	138	Off-road vehicle of heavy equipment fire			
	140	Natural Vegetation Fire			
	143	Grass/Brush fire			
	150	Outside Rubbish Fire, other			
	151	Outside Rubbish Fire, trash or waste fire			
	154	Dumpster Fire			
	160	Special Outside Fire, Other			
	Overpressure Rupture, (No Fire)	251	Excessive heat, scorch burns with no fire		
231		Chemical reaction rupture of process vessel			
Rescue & EMS Incident	311	Medical Assist to EMS Crew	2	7	1
	321	EMS Call excluding Veh. Accident	2	5	4
	322	Motor Vehicle Acc. W/ Injuries			1
	323	Motor Vehicle Acc/Pedestrian			
	324	Motor Vehicle Acc. W/no Injuries			
	342	Search for Person in Water			
	352	Extrication of Victim (s) from vehicle			
	353	Remove Victim from Stalled Elevator			
	360	Water & Ice-related Rescue, Other			
	361	Swimming /recreational water area rescue			
3811	Technical rescue standby				
Hazardous Condition (No Fire)	400	Hazard condition other			
	410	Combustible/Flammable Gas Condition			
	411	Gasoline or Other Flammable Spill			
	412	Gas Leak			1
	413	Oil of Combustible Liquid Spill			
	424	Carbon Monoxide Incident			1
	440	Electric Wiring/Equipment Problem			
	441	Heat from Short Circuit			
	442	Overheated Motor			
	443	Breakdown of Light Ballast			
	444	Power Line Down			
	445	Arcing, shorted electrical equipment			
	463	Vehicle Accident, general cleanup			
	480	Attempted burning, illegal action, other			
4441	Utility Line Down				

Service Call	500	Service Call - Other			
	510	Person in Distress			1
	511	Lock-out			
	512	Ring or Jewelry removal			
	520	Water Problem, Other			
	521	Water Evacuation			
	522	Water of Steam Leak			
	531	Smoke or Odor Removal			
	542	Animal Rescue			
	552	Police Matter			
	553	Public Service			
	561	Unauthorized Burning			
	571	Cover assignment, standby, moveup			
Good Intent Call	600	Good Intent Call, Other			
	611	Dispatched and Cancelled en route			1
	622	No Incident Found on Arrival			
	631	Authorized controlled burning			
	650	Steam, gas mistaken for smoke,			
	651	Smoke Scare, Odor of Smoke			
	671	HazMat Investigation, no HazMat			
False Alarm & False Call	700	False Alarm, Other			
	710	Malicious, mischievous false call, other			
	715	Local Alarm System, Malicious False Alarm			
	730	System Malfunction			
	731	Sprinkler activation due to malfunction			
	732	Extinguishing System Activation - Malfunction			
	733	Smoke Det. Activation - Malfunction			
	734	Heat Detector Activation - Malfunction			
	735	Alarm system sounded due to malfunction			
	736	CO detector activation due to malfunction			
	740	Unintentional transmission of alarm, other			
	741	Sprinkler activation, no fire			
	743	Smoke Det. Activation - Unintentional			
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Severe Weather	813	Wind Storm, Tornado/Hurricane Assessment			
Special Incident Type	911	Citizen Complaint			
	9003	Affidavit Issued			
		Total Response for Union Twp/City	5	27	10

	Emergency - MPFD
	Emergency - MPFD Secondary to MMR
	Non - Emergency



2010 South Lincoln Road
Mt. Pleasant, MI 48858

Phone (989) 772 4600 ext. 224
Fax (989) 773 1988
E Mail ksmith@uniontownshipmi.com

Memo

To: Charter Township of Union Board of Trustees

From: Kim Smith – Public Works Coordinator

Date: March 3, 2016

RE: Hydro Seeder Purchase – 2016 Budget Item

Attached please find three quotes and specifications for the purchase of a hydro seeder for the Township's water and sewer department. The hydro seeder will be used primarily for the restoration of resident's lawns/properties after the installation of water and sewer services and repairs. The hydro seeder will also be used at the Township's facilities including the parks as needed.

Currently the Township's staff purchases grass seed and straw to seed and mulch sites that require restoration. In many cases we have to return to these cleanup sites several times before the seed germinates sufficiently. The addition of the hydro seeder will help us achieve a better result the first time and increase our ability to restore resident's properties in a professional manner.

The bids are as follows:

Make/Model	Dealer	Dealer Location	Manufactured	Amount
Finn T-30 – 18HP	Alta Equipment	New Hudson, MI	Fairfield ,OH	\$13,500.00
Turfmaker 325 – 14HP	Turfmaker Corp	Rowlett, TX	Rowlett, TX	\$13,427.50
Bowie 450 – 14HP	Midwest Bowie Sales	Pataskala, OH	Bowie, TX	\$17,600.00

I recommend that we purchase the **Finn T-30 Hydro Seeder from Alta Equipment** in the amount of **\$13,500.00**. This recommendation is based on the overall quality of the machine, engine size, and price. This item is included in the 2016 water and sewer budgets in the amount of \$15,000.00.

The Utility Department also investigated purchasing a trailer mounted hydro seeder but felt the cost to buy the trailer mounted unit to high. We will instead purchase a small utility trailer and mount the unit ourselves which we estimate to cost \$1,500.00 to \$2,000.00.

If you have any questions please let me know.

Thank you

John Bebow Recommends based on Larger HP Motor/Better Built Machines
Machine Quotation-C80923-S/N MD-1582

2/11/2016

Alta Equipment - Metro West
 56195 Pontiac Trail
 New Hudson, MI 48165

Phone: (248) 207-0219
 Email: jim.proctor@altaequipment.com

CONTACT: JIM PROCTOR

UNION TOWNSHIP

* Better Built Machines
 * Being Used by many landscape Contractors in area/Excavators

STANDARD EQUIPMENT: FINN T30 HYDROSEEDER

Dealer In New Hudson MI

Power: Kohler Command 18hp
 electric start, air cooled gas,
 oil guard protection
 Tank Size : 335 gallon liquid capacity
 228 gallon working capacity
 Loads Per acre: 10.68
 Fuel Tank Capacity: 4 gallons
 Pump: Centrifugal 3"x 1 1/2" 65 GPM
 @ 60 psi 3/4 solid clearance
 Pump Drive: Direct drive through
 electric clutch, pump drive is
 independent of agitator operation

Agitation: Mechanical paddle agitation and liquid recirculation
 Agitator Drive: Reversible, variable speed hydraulic motor
 Discharge Distance: Up to 70ft from end of hose
 Material Capacity: 500 lbs granular solids
 100lbs fiber mulch
 Nozzles: (1) narrow fan (1) wide fan (1) long distance
 Hose Reels: Standard electric hose reel w/ a 12V electrical motor
 100' x 1 1/4" semi-rigid polybraid hose & hose holder
 Empty Weight: 1,480lbs
 Working Weight: 4,650lbs

* Sold In New Hudson MI
 * Made In Fairfield Ohio

OTHER SPECIFICATIONS

Skid Mounted
 Includes 3 spray nozzles
 Remote shut off valve

Electrical house reel
 Wide, Narrow and long distance

Machine Subtotal

\$13,500.00

* Larger HP Motor 18HP vs 14HP

Total w/ Tax

~~\$14,316.00~~



T30 HydroSeeder

Turfmaker Corp

4931 Grisham Drive - Rowlett, Texas 75088
 (800) 527 - 2304 or (972) 463 - 2575 Office
 (972) 463 - 2576 Fax - www.turfmaker.com

Date: 2/11/2016

Sales Quote

Customer PO Number _____

Bill To:
 Charter Township of Union
 2010 S. Lincoln
 Mt Pleasant, MI 48858
 Attention: John Bebow

Ship To:
 Same
 Attention:

Qty	TM Part #	Description of Item / Part	Price Each	Total
1		Turfmaker 325 w/14 HP Kohler Engine (Electric Start) Pump w / Hard Plated Case & Plates with rubber gears	\$9,000.00	\$9,000.00
1		Electric hose reel w/100' of 1.25" hard hose & 3 nozzles	\$3,745.00	\$3,745.00
1		Sidewinder gun assembly with 3 extra nozzles	\$1,230.00	\$1,230.00
1		Winter promotion in February - 10%	-\$1,397.50	-\$1,397.50
		* Dealer in Texas		
		* Made In Texas		
		Shipping Cost		\$850.00

Payment Terms	Shipping Method	Truck	Sub Total	\$13,427.50
Net 30 _____	Shipping Date	3-4 weeks after ordered		
COD _____	Taxable Sale	N	TAX	_____
C/C Type _____			Grand Total	\$13,427.50
Credit Card Number _____			DOWN PAYMENT	_____
Expiration Date _____			BALANCE OWED	\$13,427.50
Engine Serial Number _____				
Machine Serial Number _____				

Name & Address of Card Holder

SIGNATURE: _____
Date Signed: _____
Sales Rep. DLM

ESTIMATE

Midwest Bowie Sales
 13 Buckeye Blvd
 Pataskala, OH 43062-8465
 Phone : (740)927-0353

Name/Address
Union Township Trustees 2010 S Lincoln Rd Mt. Pleasant, MI 48858

Date	Estimate No.	Project
02/10/16	7092	

Item	Description	Quantity	Cost	Total
450 Skid	Bowie 450 Hydromulcher, skid mounted, 14 HP Koehler Electric start gas engine. Bowie 2300 Gear Pump. 50' of Callapsible Included		13,100.00	13,100.00
Hose Reel	Electric hose reel with 100' of Non collapsible hose. With Hose Guides		4,500.00	4,500.00T
Freight	To be determined at time of Delivery Out-of-state sale, exempt from sales tax		0.00 0.00%	0.00 0.00
* Dealer in Ohio * made In Bowie Texas				
			Total	\$17,600.00

The T-30 is the perfect entry-level machine loaded with features



Additional HydroSeeders®

TITAN

T-330

T-280

T-170

T-120

T-90

T-75

T-60

T-30

27,500

13,000

2-yr

3000

ALTA
NEW HUDSON
JIM PROCTOR
248-207-0219

CALLED 2-11-16
EMAIL QUOTE

T-30 HydroSeeder® - 335 Gallon Working Capacity Tank

The T30 HydroSeeder® has been modified and redesigned to provide the ideal entry-level machine loaded with features that come standard with every unit. You can easily manage professional quality seeding, fiber mulching, straw tacking, and much more – all with legendary FINN efficiency and cost effectiveness.

Manufactured in Fairfield OH

FEATURES AND BENEFITS

- Durable, 335 gallon capacity steel tank
- Standard electric hose reel with 100 ft. rubber hose
- Hydraulically-driven and reversible mechanical agitator, ordinarily found only on larger machines for fast and thorough mixing
- Rugged, reliable mechanics for long life and easy maintenance
- Simple control for a one-man operation that is both economical and profitable
- FINN designed centrifugal pump that handles the thickest of slurries with ease
- 70' spray distance from end of hose
- FINN's top-notch design, engineering and quality construction

** bigger motor 18HP
Electric Start*

** 100 Ft Hose
* 3 Nozzles*

WHO USES THE T-30 HYDROSEEDER®?

The FINN T30 HydroSeeder® is ideal for entry-level and smaller hydroseeding projects. Versatile, economical FINN HydroSeeder® loaded with big machine features. Perfect for Residential areas, Golf Courses, Sports Fields, Parks or Cemeteries.

With it, you can do professional quality hydroseeding, fiber mulching, fertilizing, straw tacking, foliar feeding, dust control, remote watering and more, efficiently and cost effectively. The T-30 readily doubles as a first response firefighter, portable wash-down rig, or mini water carrier. It also mixes and applies a wide variety of liquid, powdered or solid additives for landscape, soil building, erosion control, cleaning, and industrial uses.

T30 HydroSeeder



◀ Back (http://www.finncorp.com/index.php/t-30/nggallery/image/img_0579)

Picture 1 of 3

Next ▶ (http://www.finncorp.com/index.php/t-30/nggallery/image/img_0581)

The ideal entry-level machine loaded with features that come standard with every unit

- ▶ **TITAN** ([HTTP://WWW.FINNCORP.COM/INDEX.PHP/TITAN/](http://www.finncorp.com/index.php/titan/))
- ▶ **T330 HYDROSEEDER®** ([HTTP://WWW.FINNCORP.COM/INDEX.PHP/1767-2/](http://www.finncorp.com/index.php/1767-2/))
- ▶ **T280 HYDROSEEDER®** ([HTTP://WWW.FINNCORP.COM/INDEX.PHP/T-280-HYDROSEEDER/](http://www.finncorp.com/index.php/t-280-hydroseeder/))
- ▶ **T170 HYDROSEEDER®** ([HTTP://WWW.FINNCORP.COM/INDEX.PHP/T-170-HYDROSEEDER/](http://www.finncorp.com/index.php/t-170-hydroseeder/))
- ▶ **T120 HYDROSEEDER®** ([HTTP://WWW.FINNCORP.COM/INDEX.PHP/2271-2/](http://www.finncorp.com/index.php/2271-2/))

- ▶ **T90 HYDROSEEDER®** ([HTTP://WWW.FINNCORP.COM/INDEX.PHP/T-90/](http://www.finncorp.com/index.php/t-90/))
- ▶ **T75 HYDROSEEDER®** ([HTTP://WWW.FINNCORP.COM/INDEX.PHP/T-75/](http://www.finncorp.com/index.php/t-75/))
- ▶ **T60 HYDROSEEDER®** ([HTTP://WWW.FINNCORP.COM/INDEX.PHP/T-60/](http://www.finncorp.com/index.php/t-60/))
- ▶ **T30 HYDROSEEDER®** ([HTTP://WWW.FINNCORP.COM/INDEX.PHP/T-30/](http://www.finncorp.com/index.php/t-30/))



Download T30 Specification Sheet (<http://www.finncorp.com/wp-content/uploads/2015/11/T30-Spec-Sheet-10102012Print.pdf>)

Find Dealer Locations (<http://wordpress.finncorp.com/index.php/dealer-2>)

T30 HydroSeeder® - 335 Gallon Working Capacity Tank

The T30 HydroSeeder has been modified and redesigned to provide the ideal entry-level machine loaded with features that come standard with every unit. You can easily manage professional quality seeding, fiber mulching, straw tacking, and much more – all with legendary FINN efficiency and cost effectiveness.

FEATURES AND BENEFITS

- ▶ Durable, 335 gallon capacity steel tank
- ▶ Standard electric hose reel with 100 ft. rubber hose
- ▶ Hydraulically-driven and reversible mechanical agitator, ordinarily found only on larger machines for fast and thorough mixing
- ▶ Rugged, reliable mechanics for long life and easy maintenance
- ▶ Simple control for a one-man operation that is both economical and profitable
- ▶ FINN designed centrifugal pump that handles the thickest of slurries with ease
- ▶ 70' spray distance from end of hose
- ▶ FINN's top-notch design, engineering and quality construction

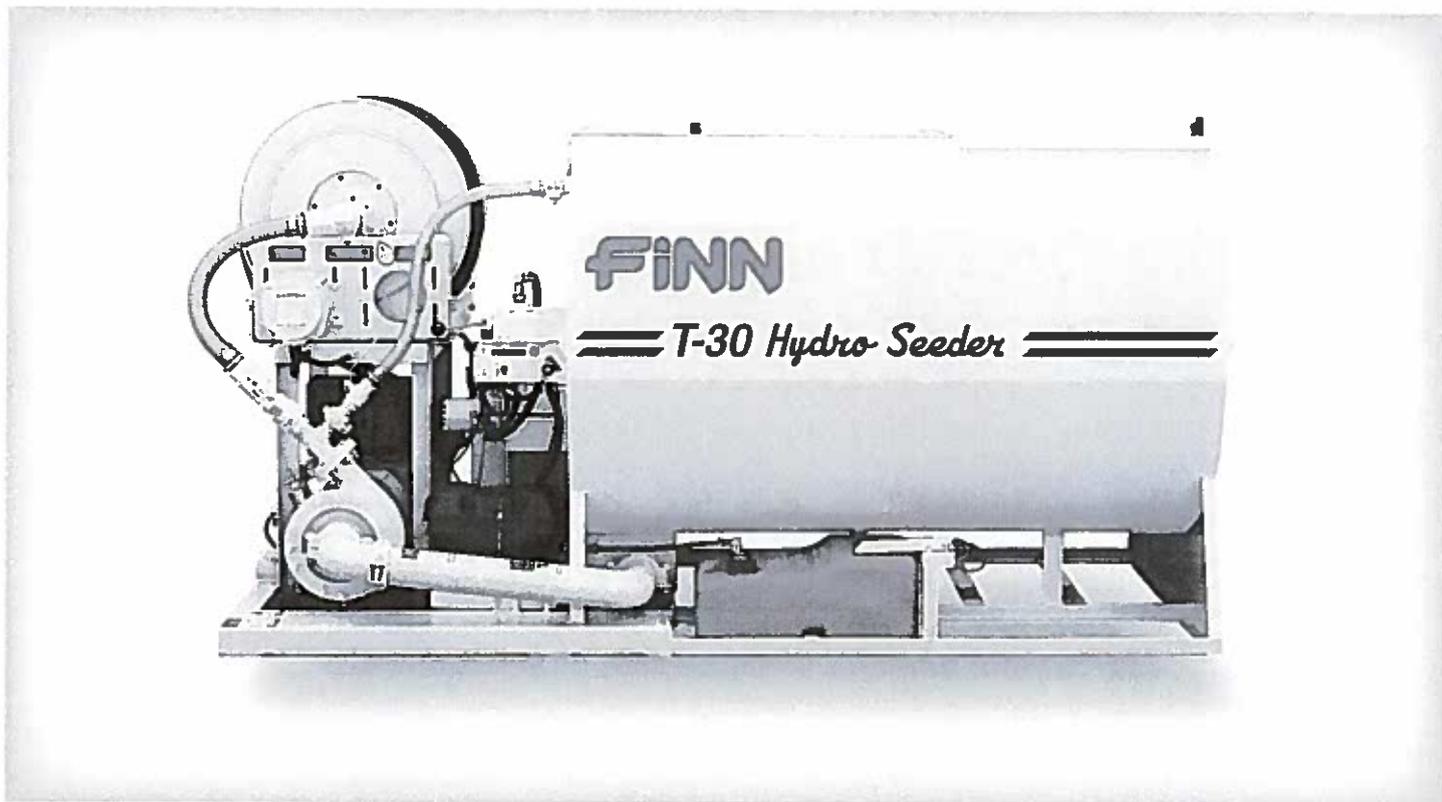
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With it, you can do professional quality hydroseeding, fiber mulching, fertilizing, straw tacking, foliar feeding, dust control, remote watering and more, efficiently and cost effectively. The T30 readily doubles as a first response firefighter, portable wash-down rig, or mini water carrier. It also mixes and applies a wide variety of liquid, powdered or solid additives for landscape, soil building, erosion control, cleaning, and industrial uses.

FINN has been designing and manufacturing Hydroseeders® since 1953. Let this experience and expertise go to work for you with the T30 Hydroseeder.

FINN HydroSeeder® | Model T30



The FINN T30 HydroSeeder has been modified and redesigned to provide the ideal entry-level machine loaded with features that come standard with every unit. The T30 is the perfect FINN HydroSeeder for tackling smaller hydroseeding projects or an affordable way of adding to an existing fleet.

FINN developed HydroSeeder technology in 1953 and we've been the industry leader in quality and innovation ever since. With the FINN T30, you don't have to settle for less than proven and reliable FINN quality for a wide array of the most common hydroseeding applications.

Versatile & Economical.

The T30 is FINN's most economical HydroSeeder ever. You can easily manage professional quality seeding, fiber mulching, straw tacking, and much more – all with legendary FINN efficiency and cost effectiveness.

Feature-Packed Machine.

The FINN T30 HydroSeeder features a durable, 335 gallon liquid capacity steel tank; a hydraulically-driven and

reversible mechanical agitator for fast and thorough mixing; simple controls for economical one-man operation; a FINN-designed centrifugal pump that handles the thickest of slurries with ease; and forklift channels and lift ring for easy handling.

All T30 machines come standard with a powerful electric hose reel equipped with 100 feet of hose.

All Around Performance.

The T30 goes everywhere you need it to go: residences, cemeteries, golf courses, sports fields, office and apartment complexes, parks, and more.

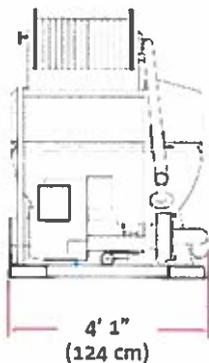
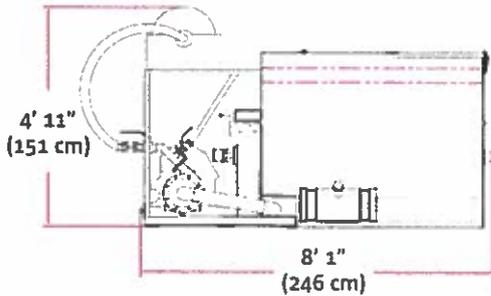
As the world leader for over 70 years in the design and manufacture of innovative, quality equipment for the green industry, and as the inventor of the HydroSeeder, FINN Corporation is committed to your complete satisfaction.

FINN

HydroSeeder®

Model T30

T30 HYDROSEEDER®



FINN MODEL T30 TECHNICAL SPECIFICATIONS

POWER.....	Kohler CH620 19 hp (14.2 kw), electric start, air cooled gas, oil guard protection
TANK SIZE.....	335 gallon (1,268 liter) liquid capacity, 281 gallon (1,063 liter) working capacity
LOADS PER ACRE*.....	10.68
FUEL TANK CAPACITY.....	4 gallon (15.1 liter)
PUMP.....	Centrifugal 3" x 1 1/2" (7.5 cm x 3.75 cm), 65 GPM @ 60 psi (227 lpm @ 414 kPa), 3/4" (1.9 cm) solid clearance
PUMP DRIVE.....	Direct drive through electric clutch, pump drive is independent of agitator operation
AGITATION.....	Mechanical paddle agitation and liquid recirculation
AGITATOR DRIVE.....	Reversible, variable speed hydraulic motor (0-130 rpm)
DISCHARGE DISTANCE.....	Up to 70 ft. (23 m) from end of hose
MATERIAL CAPACITY.....	500 lbs. (227 kg) granular solids, 100 lbs. (45 kg) fiber mulch
NOZZLES.....	(1) narrow fan, (1) wide fan, (1) long distance
HOSE REEL.....	Standard electric hose reel with a 12V electric motor, 100' x 1 1/4" semi-rigid polybraid hose and hose holder
EMPTY WEIGHT.....	1,480 lbs. (671 kg)
WORKING WEIGHT*.....	4,560 lbs. (2,068 kg)

*Loads per acre based on an application rate of 1500 lbs. mulch/acre.

*Working weights are approximate and do not include stored materials.

FINN Corporation has a policy of continuous product improvement, and reserves the right to change design and specifications without notice.

HydroSeeder® and the FINN Design® Logo are registered trademarks of FINN Corporation.

FINN

9281 LeSaint Drive • Fairfield, OH 45014-5457
Toll Free 800.543.7166 / 513.874.2818
FINNcorp.com

Machine Quotation-C80923-S/N MD-1582

2/11/2016

Alta Equipment - Metro West
56195 Pontiac Trail
New Hudson, MI 48165

Phone: (248) 207-0219
Email: jim.proctor@altaequipment.com

CONTACT: JIM PROCTOR

UNION TOWNSHIP

STANDARD EQUIPMENT: FINN T30 HYDROSEEDER

Power: Kohler Command 18hp
electric start, air cooled gas,
oil guard protection
Tank Size : 335 gallon liquid capacity
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Loads Per acre: 10.68
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Pump: Centrifugal 3"x 1 1/2" 65 GPM
@ 60 psi 3/4 solid clearance
Pump Drive: Direct drive through
electric clutch, pump drive is
independent of agitator operation

Agitation: Mechanical paddle agitation and liquid recirculation
Agitator Drive: Reversible, variable speed hydraulic motor
Discharge Distance: Up to 70ft from end of hose
Material Capacity: 500 lbs granular solids
100lbs fiber mulch
Nozzles: (1) narrow fan (1) wide fan (1) long distance
Hose Reels: Standard electric hose reel w/ a 12V electrical motor
100' x 1 1/4" semi-rigid polybraid hose & hose holder
Empty Weight: 1,480lbs
Working Weight: 4,650lbs

OTHER SPECIFICATIONS

Skid Mounted
Includes 3 spray nozzles
Remote shut off valve

Electrical house reel
Wide, Narrow and long distance

Machine Subtotal	\$13,500.00
Total w/ Tax	\$14,310.00



T30 HydroSeeder



Made In TEXAS
Dealer in TEXAS

The TurfMaker® 325 Hydroseeder

The **TurfMaker®** Model 325 hydroseeder with mechanical agitation and gear pump is a cost effective alternative to jet agitation machines. Typically, jet agitation hydroseeders are limited to soupy slurries of paper mulch. Soupy paper mulch applications washout easily with rain and frequently yield spotty seed germination. Poor grass growing results make unhappy customers. The **TurfMaker®** 325 easily mixes and pumps thicker wood mulch slurries associated with **Sod Quality Results™** and happy satisfied customers.



Shown here with optional TurfMaker® Trailer and 50gal Auxiliary Tank

The **TurfMaker**® 325 fully loaded weighs less than 4,000 pounds and is designed to fit in the back of a standard bed pick-up truck. Getting in and out of tight areas is quick and easy.

- One tank load covers 2,500 sq. ft. with wood mulch applied at 50 lbs per 1,000 sq. ft
- One tank load covers 1,650 sq. ft. with Flexterra® applied at 75 lbs per 1,000 sq. ft.
- One tank load covers 6,000 sq. ft. with paper mulch applied at 25 lbs per 1,000 sq. ft.

The most significant option is the self-filling and clear water hose flushing system.

A 550 gallon plastic tank on a trailer provides an on-board water source for two additional tank loads of application. This combination is capable of three tank loads of application with one trip to the water source. This is almost equal to a 975 gallon machine. A quality mulch application can be completed on a typical home lawn in about an hour.

Jet agitation machine buyers have wasted time on the job, time in their career, and performed poor grass planting services for their clientele, just because they did not know what it takes to produce good results with the hydroseeding process. Spraying colored water is not good business. Providing grass planting services with appropriate applications of quality mulch will produce **Sod Quality Results™** nearly every time. This good service results in satisfied customers and good future referral business.



Poor Mulch – Spotty Germination



Good Mulch – Full Coverage

TurfMaker® 325 Base Configuration

\$7,856.50

The base configuration **TurfMaker® 325** will mix and pump any mulch product (including Flexterra®) up to 125 pounds per tank load and pump that thick slurry through at least 100 feet of hose. Typical thickness slurries can be pumped through longer hoses.

The Base Configuration includes:

Honda GX 290 8.5 HP Engine

18/19 HP? Electric Start

15' TurfMaker® hose

100-105' HOSE SOLID

1.40 GPM Nozzle

Options for Greater Productivity:

Kohler 14 HP CH 440 Engine

19 HP?

25' TurfMaker® hose, two additional nozzles

DAVE
MREN

Add a Clear Water Flush System for flushing the hose.

Add a Clear Water Flush System for self filling from an aux tank.

ELECTRIC

This 14 HP unit satisfies all but the most robust needs.

If you need to pump Flexterra through 300' of hose, larger engines are available.

Other upgrades include long life hard chromed pumps with steel gears also available

TurfMaker 325 – Physical Specifications

Total Capacity – Total Gallons: 325

Approximate Empty Weight – Varies Depending on Options

1,400
lbs

Approximate Weight of Slurry in Tank

2,700
lbs

Approximate Loaded Weight – Varies Depending on Options

4,100
lbs

Typical Length with Most Engines

80" – 85"

Skid Frame Width

47"

Overall Width

56"

Overall Height

55"

Standard Engine: Honda GX 270. Other Engines Available.

Standard Pump: Rotary Gear, Positive Displacement

Trailer Option: Single Axle (5,200 lbs axle)

TurfMaker 325 – Performance

Specifications

Total Capacity – Total Gallons: 325

Total Pounds of Mulch per Tank Load

Maximum lbs Thick Wood Mulch (Flexterra or BFM)	125 lbs
Maximum lbs blended Wood Mulch **	150 lbs
Maximum lbs Paper Mulch	175 lbs

Total Area Covered per Tank Load

Tank Load Coverage with Excellent Mulch Coverage (Flexterra or BFM applied at 80 lbs per 1,000 sq ft)	1,560 sq ft
Tank Load Coverage Typical Home Lawn Application (Blended Mulch applied at 50 lbs per 1,000 sq ft)	150 lbs
Tank Load Coverage with Thin Mulch Application (Paper Mulch applied at 25 lbs per 1,000 sq ft)	7,000 sq ft

Total Time Required per Tank Load

Typical Time to Spray One Tank Load – Hose Application	11 Minutes
Typical Time to Load and Mix One Tank Load Cycle time. Add the time to and from the water source	4 Minutes

Pumping Power – Spraying Distances

Typical hose applications – Length of Hose up to 300 ft.	300 hose length
Larger Engine Options – Length of Hose up to 1,000 ft	1,000 hose length

Note: Long distance applications depend on larger engines to get the most distance from the end of the nozzle.

Up to 150 spray distance from the end of the nozzle

BOWIE

INDUSTRIES, INC



BUILT STRONG...BUILT TO LAST™ MADE IN THE USA



Hydro-Mulchers®

Bowie 300

Lancer 500

Lancer 600

Victor 800

Victor 1100

Imperial 1500

Imperial 3000

Alternative Daily Cover Mulchers

ADCM 800

ADCM 1100

Aero-Mulchers®

Model MG-30

Model SG-50

Crimp-Disc

Parts & Service

Bowie Dealers

Resources

Contact Us

Bowie Dealers

Bowie Factory

Bowie Hydro-Mulcher 300 450



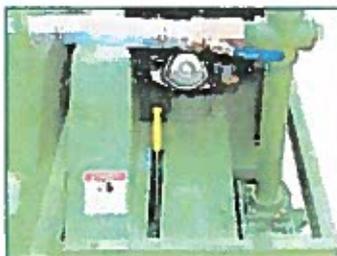
The **Bowie 300** is the smallest of the "Built Strong...Built to Last" Hydro-Mulchers.

This piece of equipment is a wise selection for the small seeding and touch-up jobs. It is simple to use and easy to move into tight places. This unit will seed up to 4000 sq. ft. per tank load.

This unit comes delivered to you with all the equipment needed to get started. To order your **Bowie 300 Hydro-Mulcher**, call your dealer today.

Bowie Hydro-Mulcher 300 Gallery

Click on any photo to view an enlarged version.



Specifications

Engine: 1 19.?

Honda 13 hp Air Cooled Gas

Pump: 14 Koller
2" Bowie Gear Pump

Length: 92" (234 cm)

Width: 48" (122 cm)

Height: 44" (112 cm)

Empty Weight: 1200 lbs (544 kg)

Liquid Capacity: 354 US Gallons (1340 Liters)

Standard Included Parts and Equipment:

50' Yellow 1 1/2" Hose 10'

2-V Jet Nozzles 1-DISTANCE
(EC1735 & EC1740)

Remote 1 1/2" Valve

2-Part F Quick Couplers

1-Part D 1 1/2"

1-Part B 1 1/2"

1-Part A 1 1/2"

Spanner Wrench

Parts Manual

Engine Manual

Warranty

All specifications subject to change without notice.

HOSE REEL

LARRY

Product Brochure

Click to view, or right-click and save to disk for later

viewing and/or printing.

File Name	Size
 Bowie 300 Brochure	184kb
 Bowie Hydro-Mulcher Coverage Per Tankload	24kb

Download additional spec sheets and operating manuals for the Bowie 300 hydro-mulcher in our [Resources](#) section.

Built Strong... Built to Last™

Questions about machine capabilities, financing? [Contact your local Bowie Dealer](#) today!

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[Hydro-Mulchers](#) | [Alternative Daily Cover Mulchers](#) | [Aero-Mulchers](#)
[Parts & Service](#) | [Bowie Dealers](#) | [Resources](#) | [Contact Us](#) | [Site Map](#)



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tellmemore@bowieindustries.com

Hydro-Mulcher®, HydroSeeder™, Hydrograsser™, or hydraulic planter, whatever you choose to call them, these versatile machines are used to quickly seed large areas for erosion control or reclamation. The same [hydromulchers](#) are also used to plant high quality turfgrasses for residential, commercial, golf, and sportsfield uses.

ESTIMATE

Midwest Bowie Sales
 13 Buckeye Blvd
 Pataskala, OH 43062-8465
 Phone : (740)927-0353

Name/Address
Union Township Trustees 2010 S Lincoln Rd Mt. Pleasant, MI 48858

Date	Estimate No.	Project
02/10/16	7092	

Item	Description	Quantity	Cost	Total
450 Skid	Bowie 450 Hydromulcher, skid mounted, 14 HP Koehler Electric start gas engine. Bowie 2300 Gear Pump. 50' of Callapsible Included		13,100.00	13,100.00
Hose Reel	Electric hose reel with 100' of Non collapsible hose. With Hose Guides		4,500.00	4,500.00T
Freight	To be determined at time of Delivery Out-of-state sale, exempt from sales tax		0.00 0.00%	0.00 0.00
			Total	\$17,600.00

Memo

Date: March 4, 2016

To: Charter Township Board of Trustees

RE: Financial Funding for MTT Appraisals

Our department is requesting funding for our Michigan Tax Tribunal cases. The following cases are scheduled for hearing:

Chips Housing LLC, Appraisal due September 19, 2016. The appraiser's quote is \$5,850.

Bob Evens, Appraisal due October 3, 2016. The quote is \$3,600.

Aldi's Appraisal due October 18, 2016. The quote is \$4,000.

Regards,

We are stilling waiting for them to schedule Campus Crest Apartments, Red Lobster, and Olive Garden.

I would anticipate that we would have at least another \$10,000 to \$12,000 for those appraisals to be completed.

I am requesting the Board to Trustee's to approve funding of \$25,000 to insure our ability defend our assessments.

The cost of the appraisals doesn't include any time for testimony if we have to go to trial.



Patricia M. DePriest, Assessor
Charter Township of Union

**CHARTER TOWNSHIP OF UNION
Isabella County, Michigan
Ordinance Number 2016-01**

801.001 TITLE.

Charter Township of Union Tax Exemption Ordinance as provided by the State Housing Development Act.

An ordinance to revise Ordinance 2012-09 and to provide for a service charge in lieu of taxes for a multiple family dwelling project for persons of low to moderate income to be financed or assisted pursuant to the provisions of the State Housing Development Authority Act of 1966, as amended.

The Charter Township of Union, Isabella County, Michigan, Ordains:

SECTION I

This Ordinance shall be known as the "Crisis Center, Inc. d.b.a. Listening Ear Crisis Center LDHA tax Exemption Ordinance."

SECTION II - PREAMBLE

It is acknowledged that it is a proper public purpose of the State of Michigan and its political subdivisions to provide housing for its citizens of low to moderate income and to encourage the development of such housing by providing for a service charge in lieu of property taxes in accordance with the State Housing Development Authority Act of 1966 (1966 PA 346, as amended, MCLA Section 125.1401 et.seq., MSA Section 16.114 (1) et.seq.) The Township is authorized by this Act to establish or change the service charge to be paid in lieu of taxes by any or all classes of housing exempt from taxation under this Act at any amount it chooses not to exceed the taxes that would be paid but for this Act. It is further acknowledged that such housing for persons of low to moderate income is a public necessity, and as the Township will be benefited and improved by such housing, the encouragement of the same by providing certain real estate tax exemption for such housing is a valid public purpose; further, that the continuance of the provisions of this Ordinance for tax exemption and the service charge in lieu of taxes during the period contemplated in this Ordinance are essential to the determination of economic feasibility of housing developments which are constructed and financed in reliance on such tax exemption.

The Township acknowledges that Crisis Center, Inc. d.b.a. Listening Ear Crisis Center (the "Sponsor") has offered, subject to receipt of an allocation under the Low Income Housing Tax Credit (LIHTC), to erect, own, and operate a housing development identified as Huntington Place on certain property located at 3166, 3176, 3220 and 3230 E. Deerfield Road, in the Township to serve persons of low to moderate income, and that the Sponsor has offered to pay to the Township on account of this Housing Development in annual service charge for public services in lieu of all taxes.

to accept payment of an annual service charge for public services in lieu of all property taxes. The annual service charge shall be equal to eight percent (8%) of the Annual Shelter Rents actually collected.

SECTION VI – LIMITATION ON THE PAYMENT OF ANNUAL SERVICE CHARGE

Notwithstanding Section V, the service charge to be paid each year in lieu of taxes for part of the Housing Development which is tax exempt and which is occupied by other than low income persons or families shall be equal to the full amount of the taxes which would be paid on that portion of the Housing Development if the Housing Development were not tax exempt.

The term “low income person or families” as used herein shall be the same meaning as found in Section 15(a)(7) of the Act.

SECTION VIII – PAYMENT OF SERVICE CHARGE

The service charge in lieu of taxes as determined under the Ordinance shall be payable in the same manner as general property taxes except that the estimated annual payment shall be paid on or before December 31 of each year. The sponsor shall submit a statement from its independent auditor verifying the amounts used to compute the payment are correct as reported. The statement and supporting documents which may be from the sponsor’s federal tax return shall be due by February 28 following the tax year. Any adjustment in payment (from the estimated payment) shall be made on that date. Any claim for overpayment will be adjusted in the next December 31 payment due.

SECTION IX – DURATION

This ordinance shall remain in effect until December 31, 2028, so long as the Housing Development remains subject to income and rent restrictions pursuant to Section 42 of the Internal Revenue Code of 1986, as amended.

SECTION X – REPEAL AND AMENDMENT

The Township of Union may repeal and/or amend this ordinance subject to the provisions of the Act.

SECTION XI – TERMINATION

Notwithstanding anything contained herein to the contrary, should the sponsor fail to pay the final adjusted service charge in lieu of taxes granted hereunder or fail to provide the verification of the calculations used to make the payment, the Township of Union shall file a certificate of nonpayment upon the Sponsor of the Housing Development and the Authority by certified mail, with the Register of Deeds of Isabella County. Following the expiration of sixty (60) days after service upon the Sponsor and the Authority of a certificate of nonpayment, if payment and supporting documentation has not been made within the intervening sixty (60) days, the service charge in lieu of taxes granted by this ordinance shall automatically be terminated, retroactive to January 1 of that year.

ADOPTED BY THE TOWNSHIP BOARD:

Russ Alwood, Supervisor
Charter Township of Union Supervisor

STATE OF MICHIGAN)
) SS
COUNTY OF ISABELLA)

I, Margie, the duly qualified and acting Clerk of Charter Township of Union, Isabella County, Michigan, DO HEREBY CERTIFY that the foregoing Ordinance 2016-01 was adopted at a regular meeting of the Charter Township of Union Board of Trustees held on the _____ day of _____, 2016 at which meeting the following named members were present and voted in person:

Voting in favor of adoption:

Voting against adoption:

Certification Date

Margie Henry
Charter Township of Union Clerk

TOWNSHIP BRINE PARTICIPATION CONTRACT

This Agreement is made and entered into by and between the Board of County Road Commissioners for the County of Isabella, hereinafter referred to as the "Road Commission" and Union Township, hereinafter referred to as the "Township", for the following improvements:

Project No. 497 – 014 - 621416	Total Gravel Miles: 20.16
Three Applications of Michigan Chloride at 2000 gallons per mile	
TOTAL COST	\$ 17,502.91
Less I.C.R.C. Share	<u>-1,683.36</u>
TOWNSHIP SHARE	<u>\$ 15,819.55</u>
<i>Return Contract by March 25, 2016</i>	

The Township agrees to pay the Road Commission for stated services after each application has been completed and an invoice has been furnished by the Road Commission. Payment is due upon receipt of invoice. The Road Commission is hereby authorized to add to the unpaid balance a service charge of one (1%) per month on the unpaid balance of any and all said sums remaining unpaid after thirty (30) days.

The undersigned Township officials, by executing this agreement, certify they are authorized to enter into this agreement on behalf of the Township.

UNION TOWNSHIP

ISABELLA COUNTY ROAD COMMISSION

By: _____
Supervisor

By: _____
Manager

By: _____
Clerk

By: _____
Board Secretary

Board Approval on: _____

Board Approval on: _____