

# ***HIGHWAY INFRASTRUCTURE & RECREATION COMMITTEE MEETING AGENDA***

**DAY & DATE:** September 1, 2016  
**TIME:** 8:00 A.M.  
**PLACE:** **Nepco Lake Shelter House, 1410 Griffith Avenue,**  
Wisconsin Rapids, WI 54494

1. Call meeting to order.
2. Public comments.
3. Approve minutes of the August 4, 2016 and August 16, 2016, Highway, Infrastructure, and Recreation Committee meeting(s).

## **HIGHWAY:**

4. Discuss ATV Route Proposals. (Jeff Masephol)
5. Discuss and possibly approve final draft of 2017 budget.
6. Discuss alternative revenue sources for highway projects.
7. Discuss purchase of the Parks small excavator.
8. Frac Sand update.
9. Current projects update.
10. Approve payment of bills.
11. Correspondence.
12. Accounting Supervisor's Report.

## **PARKS:**

13. Parks Construction Supervisor report.
  - a. Current projects update.
  - b. Employee matters.
14. Office Supervisor report.
  - a. Snowmobile/ATV Reports
  - b. Office Update
15. Park and Forestry Director report.
  - a. Review and approve forwarding 2017 Budget to Executive Committee
  - b. Review and possibly award bids for Dexter/Forestry Shop Construction
  - c. Discuss 2017 Red Sands Beach usage request by Aqua Skiers
  - d. Discuss Drone Use in Park and Forestry properties
  - e. Resolution allowing Wood County to apply for County Conservation Grant
  - f. Special Use Permits

## **FORESTRY:**

16. Forest Administrator report.
  - a. Timber sale update.
  - b. Enbridge Energy easement.
17. Correspondence.
18. Approve payment of bills.
19. Revenue report.
20. Next meeting date: October 6, 2016 at the Wood County Courthouse, Room 115.
21. Motion to adjourn.

***MINUTES OF THE  
HIGHWAY, INFRASTRUCTURE & RECREATION COMMITTEE***

**DAY & DATE:** Thursday, August 4<sup>th</sup>, 2016

**PLACE:** Wood County Highway Department  
555 17<sup>th</sup> Ave N, Wisconsin Rapids, WI 54495

**MEETING TIME:** 8:00 AM

**ADJOURNMENT TIME:** 12:18 PM

**MEMBERS PRESENT:** Chairman Al Breu, Supervisor David LaFontaine,  
Secretary Marion Hokamp, Vice Chair William  
Winch, Supervisor Joseph Zurfluh

**MEMBERS NOT PRESENT:** None

**OTHERS PRESENT:** County Board Supervisor Dennis Polach, Park and  
Forestry Director Chad Schooley, Forest  
Administrator Fritz Schubert, Park and Forestry  
Office Supervisor Sandra Green, Highway  
Commissioner Douglas Passineau, Highway  
Accounting Supervisor John Peckham, Highway  
Accounting Technician Caitlin Carmody, WDNR  
Forester Steve Grant, Bill Fuehrer - Central  
Wisconsin ATV Club, Jeffrey Masephol - Central  
Wisconsin ATV Club, A. Anthony - Citizen.

1. Chairman Al Breu called the meeting to order at 8:04 A.M.
2. Public Comments.

A. Anthony spoke on the subject of the Red Sands Beach on Lake Wazeecha. He stated he felt the conditional use permit that the Committee approved for the Aqua Skiers for use of the beach for practice during the week was a short-sited move that was impinging on the rights of thousands to use the beach. He stated that there are only three public beaches in the area and now the nicest one is shut down for public use so the Aqua Skiers can use it. He stated that he felt there was not enough public property as it is and would like the Committee to reconsider the Special Use Permit and to consider purchasing more properties for public use.

Chairman Breu asked Park and Forestry Director Chad Schooley if there were other complaints about the Aqua Skiers use of the beach. Schooley stated individuals he spoke to did not feel they had any say in it. He also stated he would like the Special Use Permit to be brought forward earlier this next year so people from the public can come to the Committee meeting to speak on it. Breu asked if

boating is still open on the lake. Schooley stated that while it is not officially closed (except during the ski show tournaments, State and Worlds, per the Town of Grand Rapids permit they have), when they are practicing, very few others can be on that end of the lake. Schooley has a meeting soon with representatives from the Aqua Skiers. At the meeting, he will be requesting their requested beach closure dates for next year.

Supervisor Zurfluh suggested holding a public hearing on the matter in the evening so more people could be present if they wanted to. Breu requested the topic to be put on next month's HIRC meeting as well.

3. Approve minutes of the July 6, 2016 Highway, Infrastructure, and Recreation Committee meeting.

**Motion by D. LaFontaine and second by W. Winch to approve the minutes of the July 6, 2016 Highway, Infrastructure, and Recreation Committee meeting. All in favor. MC**

**PARKS:**

4. Parks Construction Supervisor Report.
  - a. Current Projects Update

Supervisor Winch inquired about the truck that was going to be replaced. Schooley indicated they will be selling their current fuel truck, moving a plow truck into the fuel truck position, and purchasing a new plow truck.

Schooley made special note of the storm cleanup completed at Lake Wazeecha. Whereas he stated it was nice to have so many volunteers assisting with the cleanup, in future events there has to be more safety precautions in place, as many volunteers were not wearing proper personal protection equipment and were not staying a safe distance away from the cleanup area.

- b. Employee Matters

**Motion by M. Hokamp and second by D. LaFontaine to approve the Parks Construction Supervisor Report. All in favor. MC**

5. Office Supervisor report.
  - a. Snowmobile/ATV Reports
  - b. Office Update
  - c. ATV Route Proposals, Jeff Masephol

Jeff Masephol and Bill Fuerher of the Central Wisconsin ATV Club were present during this portion to discuss proposed ATV route sections on select County Trunk Highways. They requested that some of the County Trunk Highways indicated in their report be partially opened so they can have

access to the town roads. Most sections are .25 mile to 1 mile long. Safety concerns were raised by Highway Commissioner Doug Passineau. Zurfluh recommended an expiration and review provision be put on the routes so the Committee can address any problems that may arise and revise the routes if necessary. The Committee requested that Passineau review the proposed routes and discuss the concerns he has with both the Sheriff's Department and Corporation Counsel. Next month, the committee will discuss the proposed routes again and if deemed fitting, approve.

**Motion by D. LaFontaine and second by J. Zurfluh to approve the Office Supervisor Report. All in favor. MC**

6. Park and Forestry Director report
  - a. Distribute draft of 2017 budget

The Committee discussed the draft budget and reviewed any changes. An item of note is the "Improvement worksheet" noted in the summaries. This indicates changes due to an increase of (.5) in the number of Full Time Employees (proposing turning the Casual Forest Technician position Full Time). Additionally, there is a projected increase in revenues for next year. The draft budget keeps the tax levy for the Park and Forestry operating budget at the 2016 level.

- b. Special Use Permits
    - Multi - Metro Deer Hunt in South Wood County Park area.

**Motion by W. Winch and second by M. Hokamp to approve the Special Use Permit for the use of portions of South Wood County Park for a multi-metro deer hunt. All in favor. MC**

Aqua Skiers benefit show – Sunday, August 28<sup>th</sup>, 2016 from 2:00 PM to dark. Red Sands Beach Pavilion is rented for the event. Requesting closure of Red Sands Beach for an additional ski show. This date was not provided at the time of their other Special Use Permits. They are already advertising the show on their website. There will be music and food vendors. Schooley stated he is not in favor of closing down the beach for the event due to the beach being closed starting the following weekend for the World Ski Show event.

**Motion by J. Zurfluh and second by D. LaFontaine to approve the Special Use Permit for closure of the Red Sands Beach on Sunday, August 28<sup>th</sup> for a benefit ski show by the Aqua Skiers. All in favor. MC**

W. Winch brought suggestions for acoustic panels to be used at the Nepco Shelter Building. The next committee meeting is to be held there so the Committee can review the acoustical needs there. Schooley will contact the company regarding the acoustic panels to obtain a quote.

**Motion by J. Zurfluh and second by D. LaFontaine to approve the Park and Forestry Director Report. All in favor. MC**

**FORESTRY:**

7. Forest Administrator report.  
a. Timber Sale Update.

Job 746 that was added is a storm damage salvage sale, 52 acres on STH 54 in the neighborhood of the ATV park. It is all mature red and white pine.

- b. County Forest Storm Damage Overview.

WDNR Forester Steve Grant was present during this section to discuss the storm damage that was done to Wood County Forest Land. They have been putting together a bid for salvage harvest of those areas affected by the storm. The bid will be opened in late September probably. They provided a map of the areas affected. Approximately 300 acres and 18 stands of forest land were affected, though most of the damage was in spots on those properties.

- c. Enbridge Energy Temporary Access, Working Rights, and Occupation Agreement. Discussion and Approval.

This agreement is similar in nature to one brought forth and signed a year ago. It is in a different location. The agreement states they have one year from the date of signing to complete the work. Forest Administrator Fritz Schubert stated he will have Corporation Counsel review it and will put it on the September HIRC agenda to review and possibly approve.

**Motion by M. Hokamp and second by J. Zurfluh to approve the Forest Administrator Report. All in favor. MC**

8. Correspondence.

Schooley brought forward an article about drone use in public parks. Marathon County is treating drone use similar to remote control plane use – there is a designated area where it is allowed. Schooley indicated it hasn't been a problem yet – he's only personally seen two which were flying over Lake Wazeecha. There are some safety and privacy concerns in the park regarding their use. Schooley believes that drones are still banned in National Parks. This will be a topic on next month's HIRC agenda.

9. Approve payment of bills.

**Motion by D. LaFontaine and second by W. Winch to approve the payment of bills. All in favor. MC**

10. Revenue report.

**Motion by M. Hokamp and second by W. Winch to approve the revenue report. All in favor. MC**

The Committee took a break at 10:30 AM and resumed at 10:45 AM.

## **HIGHWAY:**

### **11. Discuss Trans 277 Salt Shed Compliance (Pavement).**

Passineau stated we have some deficient asphalt at the salt shed storage facilities. We will be digging this asphalt out and replacing it to get back into compliance with the State's requirements.

### **12. Distribute draft of 2017 budget.**

The Committee discussed the draft budget and reviewed any changes. The 50/50 bridge aid program will now be funded by a special levy instead of from the county funds per Wisconsin Statute. Including the effect of that procedural change, the Highway Department will present a zero levy increase budget to the Executive Committee.

### **13. Discuss problems with 2012 International Quad Axle Truck.**

Breu had received complaints from the driver of the 2012 International Quad Axle Truck in question regarding the cost of maintenance of the vehicle versus its value. Passineau had reviewed its maintenance records and fuel costs and while there is an increased fuel cost, the maintenance costs are about average. The truck is a transformer meaning it can be used year round for trucking operations (construction or winter maintenance). The increased fuel usage due to the truck being heavier because of its transformer status is not enough to offset the cost of purchasing a new quad axle truck.

### **14. Open bids on 2016 ½ ton Quad Cab 4-Wheel Drive Truck.**

Motion by J. Zurfluh and second by D. LaFontaine for the Highway Commissioner to accept the quote most advantageous to Wood County. All in favor. MC.

### **15. Discuss storm damage from July 22<sup>nd</sup> storm.**

The storm was on July 21<sup>st</sup>, not the 22<sup>nd</sup>. Clean up was extended into July 22<sup>nd</sup> which was a Friday. Additional clean up took place on Friday, July 30<sup>th</sup>.

### **16. Frac Sand update.**

Payments are supposed to begin in September of 2016.

### **17. Current projects update.**

The County can complete patching work for cities if it is 500' or less and the city has 10,000 residents or more based on a new agreement with the Construction Business Group.

### **18. Approve payment of bills.**

Motion by W. Winch and second by D. LaFontaine to approve the payment of bills. All in favor. MC

19. Accounting Supervisor's Report.

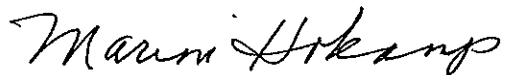
No comments.

20. Correspondence.

No comments.

21. Next meeting date: September 1, 2016 at the **Nepco Lake Shelter House, 1410 Griffith Avenue**, Wisconsin Rapids, WI 54494

22. Motion by W. Winch and second by M. Hokamp to adjourn at 12:18 PM. All in favor. MC

A handwritten signature in black ink, reading "Marion Hokamp". The signature is written in a cursive, flowing style.

Marion Hokamp, Secretary

Minutes taken by Caitlin Carmody, Highway Accounting Technician

## **HIGHWAY INFRASTRUCTURE & RECREATION COMMITTEE MEETING MINUTES**

**DAY & DATE:** Tuesday, August 16, 2016  
**TIME:** 8:00 A.M.  
**PLACE:** Wood County Courthouse, 400 Market St, Room 114, Wisconsin Rapids,  
WI 54494

**ADJOURNMENT TIME:** 8:14 PM

**MEMBERS PRESENT:** Chairman Al Breu, Supervisor, Secretary Marion Hokamp

**MEMBERS NOT PRESENT:** David LaFontaine,  
Vice Chair William Winch,  
Supervisor Joseph Zurfluh

**OTHERS PRESENT:** Park and Forestry Director Chad Schooley, Lance Pliml,  
Wood County Board Chairperson, Supervisor Polach,  
Supervisor Clendenning

1. Chairman Al Breu called the meeting to order at 8:10 A.M.
2. Public Comments. None.
3. Review and act on Wood County Resolution to retain services of the Highway Department for the Lake Wazeecha Dredging project.

**Motion to approve Wood County Resolution to retain services of the Highway Department for the Lake Wazeecha Dredging project. Motion by L. Pliml and second by M. Hokamp. All in favor. MC**

4. Next meeting date: September 1, 2016 at the Nepco Lake Shelter House, 1410 Griffith Avenue, Wisconsin Rapids, WI 54494
5. Motion to adjourn at 8:14 am by L. Pliml, second by M. Hokamp. All in favor. MC

Minutes taken by Marion Hokamp, Secretary

Marion Hokamp



# Current Projects Update

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By Douglas Passineau, Highway Commissioner

September 1, 2016

September HIRC meeting

## General Maintenance

1. Sign Repairs – State/County Roads
2. Repairing Potholes and Asphalt Spot Repairs – State/County/Township Roads
3. Storm Cleanup – State/County Roads
4. Asphalt Paving on CTH AA, CTH EE, Township and Village Roads
5. Milling – County/Township Roads
6. Replace Bridge on CTH C
7. Mowing – County Roads
8. Clean/Repair Drainage Structures – County Roads
9. Shouldering – County Roads
10. State Bridge Work
11. Shouldering State Roads (PbMs)
12. State Bridge Epoxy Overlays
13. Replace Culverts – Town Roads

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## Road Closures

### Intersection CTH B/USH 10

8/8/2016 through 8/12/2016

Intersection will be closed on CTH B due to bridge work.

No detour.

## County of Wood

Report of claims for: HIGHWAY DEPARTMENT

For the period of: JULY 2016

For the range of vouchers: 16160595 - 16160705

Voucher	Vendor Name	Nature of Claim	Doc Date	Amount	Paid
16160595	STEVE SCHNEIDER TRUCKING LLC	SAND FOR PROJECTS	07/19/2016	1170.00	P
16160596	WATER WORKS & LIGHTING COMM	UTILITIES - HOT MIX PLANT	07/19/2016	86.28	P
16160597	CASPER BENNETT	TOOL ALLOWANCE	07/19/2016	325.00	P
16160598	HAMM BARRY	OUT OF COUNTY MEAL REIMBURSE	07/19/2016	12.00	P
16160599	HAWK ROLAND	P.E. CERTIFICATION RENEWAL	07/19/2016	82.00	P
16160600	JENKIN ERIC	TOOL ALLOWANCE	07/19/2016	325.00	P
16160601	KRUEGER NATHANIEL	TOOL ALLOWANCE	07/19/2016	325.00	P
16160602	MARTINSON BRAD	TOOL ALLOWANCE	07/19/2016	182.20	P
16160603	MARTINSON BRAD	SAFETY SHOES	07/20/2016	198.33	P
16160604	REGISTRATION FEE TRUST	REPLACEMENT LICENSE PLAT	07/26/2016	2.00	P
16160605	CNE GAS	NATURAL GAS - HOT MIX PLANT	07/26/2016	11050.02	P
16160606	ADVANCE JANITORIAL SERVICE & SUPPLY	CARPET/FLOOR & CLEANING SVC	07/28/2016	541.95	P
16160607	DEAN ALTMANN TRUCKING & EXCAVATING	HAUL EQUIPMENT	07/28/2016	166.25	P
16160608	PETROTECH LLC	FUEL PUMP REPAIR	07/28/2016	349.00	P
16160609	ROCK OIL REFINING INC	USED OIL	07/28/2016	90.00	P
16160610	SOLARUS	TELEPHONE - WR & HOT MIX	07/28/2016	253.19	P
16160611	STEVE SCHNEIDER TRUCKING LLC	SAND	07/28/2016	805.00	P
16160612	UNITED RENTALS EXCHANGE LLC	COMPACTOR RENTAL	07/28/2016	960.38	P
16160613	WI COUNTY HIGHWAY ASSOCIATION	PATROL SUP'T CONFERENCE	07/28/2016	170.00	P
16160614	ADVANCED DISPOSAL	GARBAGE DISPOSAL	07/31/2016	66.98	P
16160615	ALLIANT ENERGY/ WP&L	ELECTRIC - PITTSVILLE	07/31/2016	78.86	P
16160616	AMERICAN TRUCKING	HIRED TRUCKERS	07/31/2016	6661.90	P
16160617	AT&T-ATLANTA	TELEPHONE - MARSHFIELD	07/31/2016	40.74	P
16160618	BANKCARD SERVICES	CREDIT CARD INVOICE	07/31/2016	114.47	P

County of Wood

Report of claims for: HIGHWAY DEPARTMENT

For the period of: JULY 2016

For the range of vouchers: 16160595 - 16160705

Voucher	Vendor Name	Nature of Claim	Doc Date	Amount	Paid
16160619	BECKER TRUCKING & EXCAVATING INC	HIRED TRUCKERS	07/31/2016	4891.62	P
16160620	COUNTRY INN & SUITES	COMPASS TRAINING	07/31/2016	82.00	P
16160621	EARTH INC	CTH AA GUARDRAIL	07/31/2016	39673.00	P
16160622	HENRY G MEIGS LLC	EVOTHERM	07/31/2016	22396.95	P
16160623	JOHN DEERE FINANCIAL	VALVE/HOUSING/BOLTS/BLADES/PIN	07/31/2016	892.23	P
16160624	KOLO TRUCKING AND EXCAVATING INC	HOT MIX SAND	07/31/2016	27619.28	P
16160625	MARSHFIELD UTILITIES	ELECTRIC/WATER/SEWER	07/31/2016	306.36	P
16160626	ROGANS SHOES	SAFETY SHOES	07/31/2016	370.75	P
16160627	SCHILL TRUCKING INC	HIRED TRUCKER	07/31/2016	5634.98	P
16160628	STEVE SCHNEIDER TRUCKING LLC	SAND	07/31/2016	135.00	P
16160629	TDS TELECOM	TELEPHONE	07/31/2016	143.09	P
16160630	UNITED RENTALS EXCHANGE LLC	COMPACTOR RENTAL	07/31/2016	960.38	P
16160631	WATER WORKS & LIGHTING COMM	UTILITIES W.R. & HOT MIX PLANT	07/31/2016	7312.66	P
16160632	WE ENERGIES	NATURAL GAS - WR SHOP	07/31/2016	29.93	P
16160633	WI COUNTY HIGHWAY ASSOCIATION	ANNUAL ROAD SCHOOL	07/31/2016	95.00	P
16160634	WISCONSIN LIFTING SPECIALISTS	14' SLING /BASKET	07/31/2016	150.37	P
16160635	WISCONSIN DNR- ENVIRONMENTAL FEES	2016 ENVIRONMENTAL FEE	07/31/2016	400.00	P
16160636	BOHMSACH KEITH B	TOOL ALLOWANCE	07/31/2016	325.00	P
16160637	DAMMANN BRANDON	COMPASS EXPENSE	07/31/2016	60.00	P
16160638	HAMM BARRY	OUT OF COUNTY MEAL REIMBURSE	07/31/2016	12.00	P
16160639	BOHN TRUCKING & EXCAVATING INC	HIRED TRUCKERS	07/31/2016	1778.22	P
16160640	ACE HARDWARE	WHEELBARROW/HINGE/FASTENERS	07/31/2016	127.26	P
16160641	AHLBORN EQUIPMENT	PERSONAL SAFETY LIGHTING	07/31/2016	40.71	P
16160642	AIR COMMUNICATIONS OF CENT WI	MIRROR MOUNT/MALE CONNECTOR	07/31/2016	22.00	P

## County of Wood

Report of claims for: HIGHWAY DEPARTMENT

For the period of: JULY 2016

For the range of vouchers: 16160595 - 16160705

Voucher	Vendor Name	Nature of Claim	Doc Date	Amount	Paid
16160643	APPLIED INDUSTRIAL TECHNOLOGY	VALVE & COUPLING/HYDRAULICS	07/31/2016	250.31	P
16160644R	APPLIED MAINTENANCE SUPPLIES & SOLUTIONS	INV TIP MARKERS/TIES/BITS	07/31/2016	765.12	P
16160645	ARING EQUIPMENT COMPANY	IDLER/PLATE/SCREED/SHOES/PIN	07/31/2016	9128.89	P
16160646	BADGER UTILITY INC OF WI	OIL SEAL/VALVE/HARDWARE	07/31/2016	123.03	P
16160647	BATTERIES PLUS	BATTERIES	07/31/2016	37.18	P
16160648	BAUER BUILT INC	DRIVES	07/31/2016	1874.74	P
16160649	BDT INC	BEND PLATE FOR NEKOOSA BRIDGE	07/31/2016	17.75	P
16160650	BEAVER OF WISCONSIN INC	SWITCHES/REPAIR	07/31/2016	501.50	P
16160651	BROOKS TRACTOR COMPANY	CUTTING EDGE	07/31/2016	1548.12	P
16160652	CARQUEST AUTO PARTS ATLANTA GA	FILTERS/BRAKE PARTS/SEALS/BATT	07/31/2016	7554.52	P
16160653	CENTRAL CULVERT & SUPPLY LLC	CULVERTS	07/31/2016	7192.05	P
16160654	CHILI IMPLEMENT CO	HYTRAN OIL	07/31/2016	151.10	P
16160655	CITY OF WISCONSIN RAPIDS	SWEEPING AND SIGNS	07/31/2016	3838.03	P
16160656	COUNTY MATERIALS CORPORATION	CULVERTS	07/31/2016	7125.76	P
16160657	DECLLENE TRUCK REFRIG & TRAILER SALES	A/C COMPRESSOR	07/31/2016	331.93	P
16160658	DORSHORST WOOD RECYCLING LLC	MULCH	07/31/2016	180.00	P
16160659	ESCH CONSTRUCTION SUPPLY INC	CONCRETE SAW BLADE	07/31/2016	1480.86	P
16160660	HAAS BUILDER SUPPLY	2x4x8 PREMIUM SPF	07/31/2016	12.68	P
16160661	JFTCO INC	MOTOR/GASKETS	07/31/2016	634.18	P
16160662	K & S FUEL INJECTION INC	PMD KIT/RESISTOR	07/31/2016	257.79	P
16160663	MISSISSIPPI WELDERS SUPPLY CO INC	WELDING SUPPLIES/CYL GAS RENTA	07/31/2016	385.71	P
16160664	MOORE OIL COMPANY INC	DEF/GREASE/PUMP/COUPLER	07/31/2016	1661.63	P
16160665	NAPA AUTO PARTS - MARSHFIELD	HYD FLUID/FITTINGS/RINGS/HOSE	07/31/2016	83.91	P
16160666	NAPA CENT WI AUTO PARTS Wis.Rapids	BRAKE CALIPERS/PADS/BELTS	07/31/2016	291.04	P

## County of Wood

Report of claims for: HIGHWAY DEPARTMENT

For the period of: JULY 2016

For the range of vouchers: 16160595 - 16160705

Voucher	Vendor Name	Nature of Claim	Doc Date	Amount	Paid
16160667	NAPA AUTO PARTS NEKOOSA	RELAYS	07/31/2016	36.38	P
16160668	POMP'S TIRE SERVICE INC - GREEN BAY	TIRES	07/31/2016	300.74	P
16160669	RAPIDS RENTAL & SUPPLY	BLADES	07/31/2016	65.70	P
16160670	RENT-A-FLASH INC	SIGNS	07/31/2016	177.28	P
16160671	STAINLESS & REPAIR INC	CROSS TUBES FOR TARP ARM	07/31/2016	95.08	P
16160672	SCHILLING SUPPLY COMPANY	TOWELS/WIPERS/TOILET TISSUE	07/31/2016	839.13	P
16160673	SERVICE MOTOR COMPANY	VALVE SLICE/SHAFTS/SEALS	07/31/2016	9331.65	P
16160674	TRUCK EQUIPMENT INC	HEADLIGHT ASSEMBLIES	07/31/2016	297.00	P
16160675	UTILITY SALES & SERVICE	ANSI ANNUAL DIGGER INSPECTION	07/31/2016	601.88	P
16160676	V & H INC	VALVE/ALTERNATOR/CTR BRG ASY	07/31/2016	1084.80	P
16160677	WEYERS EQUIPMENT INC	BEARINGS/ASSEMBLIES/SHAFTS/PUL	07/31/2016	971.73	P
16160678	WISCONSIN COMPRESSED AIR CORP	EXPANSION BOARD START/STOP REM	07/31/2016	612.35	P
16160679	WISCONSIN VALLEY BUILDING PRODUCTS	EPOXY GUN/REBAR/CEMENT	07/31/2016	194.02	P
16160680	ADAMS COUNTY HIGHWAY DEPT	CENTERLINE AND EDGELINE	07/31/2016	38189.28	P
16160681	ADVANCED DISPOSAL	GARBAGE DISPOSAL	07/31/2016	89.44	P
16160682	AMERICAN ASPHALT OF WI	CTH V COLD, IN-PLACE RECYCLING	07/31/2016	181024.51	P
16160683	BROCK WHITE COMPANY	BRIDGE EPOXY	07/31/2016	62218.00	P
16160684	CONSTRUCKS INC	POWER SCREEN RENTAL	07/31/2016	472.50	P
16160685	CROCKETT SEPTIC LLC	PUMPING FEE	07/31/2016	126.00	P
16160686	FRONTIER	TELEPHONE - MARSHFIELD	07/31/2016	110.95	P
16160687	G & K SERVICES	CLEANING RUGS & UNIFORMS	07/31/2016	568.46	P
16160688	INSIGHT FS	LP GAS	07/31/2016	37.92	P
16160689	JEWELL ASSOCIATES ENGINEERS INC	CTH T BRIDGE REPLACEMENT	07/31/2016	13983.00	P
16160690	MILESTONE MATERIALS	BASE	07/31/2016	8010.29	P

## County of Wood

Report of claims for: HIGHWAY DEPARTMENT

For the period of: JULY 2016

For the range of vouchers: 16160595 - 16160705

Voucher	Vendor Name	Nature of Claim	Doc Date	Amount	Paid
16160691	PRECISE MRM LLC	FLAT PLAN USA & GPRS NAF & SOF	07/31/2016	805.00	P
16160692	PROVISION PARTNERS	DIESEL FUEL & GASOLINE	07/31/2016	24705.21	P
16160693	SERWE IMPLEMENT MUNICIPAL SALES CO LLC	6081 TIGER BATWING MOWER	07/31/2016	19121.00	P
16160694	STERLING WATER INC	WATER FOR HOT MIX	07/31/2016	65.00	P
16160695	SUPERIOR CHEMICAL CORPORATION	HAND CLEANER	07/31/2016	167.67	P
16160696	TOTAL FIRST AID & SAFETY LLC	RESTOCK FIRST AID STATIONS	07/31/2016	187.54	P
16160697	TRI-COUNTY PAVING INC	PULVERIZE VARIOUS PROJECTS	07/31/2016	6668.00	P
16160698	WI DEPT OF TRANSPORTATION - BFS	YELLOW RIVER BRIDGE PROJECT	07/31/2016	2734.73	P
16160699	WISCONSIN MEDIA	LEGAL NOTICIES	07/31/2016	52.02	P
16160700	WOOD COUNTY EMERGENCY MNGMT	COMMUNICATION EQUIP/SIGN	07/31/2016	1958.00	P
16160701	WE ENERGIES	NATURAL GAS - HM/PITTS SHOP	07/31/2016	3718.49	P
16160702	SOLARUS	TELEPHONE - ADMIN	07/31/2016	36.04	P
16160703	WE ENERGIES	NATURAL GAS - MARSHFIELD	07/31/2016	29.89	P
16160704	ZARNOTH BRUSH WORKS INC	BROOM REFILL	04/04/2016	498.00	P
16160705	FASTENAL COMPANY	BITS/SCREWS/NUTS/BOLTS	07/31/2016	385.83	P
Grand Total:				\$563,513.68	

Signatures

Committee Chair: \_\_\_\_\_

Committee Member: \_\_\_\_\_

Committee Member: \_\_\_\_\_

Committee Member: \_\_\_\_\_

Committee Member: \_\_\_\_\_

Committee Member: \_\_\_\_\_

Committee Member: \_\_\_\_\_

Committee Member: \_\_\_\_\_

Committee Member: \_\_\_\_\_

**WOOD COUNTY HIGHWAY DEPARTMENT  
FUND BALANCES  
2016**

	Maintenance	Machinery	Snow Removal	Co-Aid Roads	Co-Aid Bridges	Total Levied Funds	State & Local	Capital Projects	Frac Sand
12/31/2015	\$ 110,971.89	\$ 621,527.07	\$ 203,463.95	\$ 607,200.85	\$ (188,361.62)	\$ 733,275.07	\$ (1,347,738.43)	\$ 4,690,086.34	\$ 596,994.57
Levy	100,003.00		903,773.00	120,000.00	222,600.00	1,346,376.00	-	-	-
1/1/2016	\$ 210,974.89	\$ 621,527.07	\$ 1,107,236.95	\$ 727,200.85	\$ 34,238.38	\$ 2,079,651.07	\$ (1,347,738.43)	\$ 4,690,086.34	\$ 596,994.57
January	(143,443.35)	24,123.13	(176,648.68)	-	-	(320,092.03)	(132,201.69)	-	-
State Aids - January	418,583.66					418,583.66			
Balance	486,115.20	645,650.20	930,588.27	727,200.85	34,238.38	2,178,142.70	(1,479,940.12)	4,690,086.34	596,994.57
February	(156,041.49)	151,567.76	(190,214.14)	-	-	(346,255.63)	(163,705.85)	(4,219.45)	-
Balance	330,073.71	797,217.96	740,374.13	727,200.85	34,238.38	1,831,887.07	(1,643,645.97)	4,685,866.89	596,994.57
March	(157,639.83)	(5,900.61)	(83,832.51)	-	(1,918.39)	(243,390.73)	49,171.92	(912.99)	-
Balance	172,433.88	791,317.35	656,541.62	727,200.85	32,319.99	1,588,496.34	(1,594,474.05)	4,684,953.90	596,994.57
April	(205,903.48)	(118,537.16)	(93,577.80)	-	(157.50)	(299,638.78)	168,377.67	(21,928.58)	-
Balance	(33,469.60)	672,780.19	562,963.82	727,200.85	32,162.49	1,288,857.56	(1,426,096.38)	4,663,025.32	596,994.57
May	(183,537.27)	(12,877.48)	(505.32)	-	(89.55)	(184,132.14)	(37,464.40)	(123,568.34)	-
Balance	(217,006.87)	659,902.71	562,458.50	727,200.85	32,072.94	1,104,725.42	(1,463,560.78)	4,539,456.98	596,994.57
June	(215,958.72)	146,590.94	(30.50)	(56,539.40)	(3,295.15)	(275,823.77)	(10,335.16)	(1,284,867.97)	-
Balance	(432,965.59)	806,493.65	562,428.00	670,661.45	28,777.79	828,901.65	(1,473,895.94)	3,254,589.01	596,994.57
July	35,676.70	159,226.51	-	(147,409.47)	(2,849.24)	(114,582.01)	25,078.89	(586,916.54)	-
State Aids - July	837,167.32					837,167.32			
Balance	439,878.43	965,720.16	562,428.00	523,251.98	25,928.55	1,551,486.96	(1,448,817.05)	2,667,672.47	596,994.57
August	(309,790.33)	116,859.08	-	(33,233.29)	(1,808.55)	(344,832.17)	(216,134.53)	(418,944.68)	-
Balance	130,088.10	1,082,579.24	562,428.00	490,018.69	24,120.00	1,206,654.79	(1,664,951.58)	2,248,727.79	596,994.57
September	-	-	-	-	-	-	-	-	-
Balance	130,088.10	1,082,579.24	562,428.00	490,018.69	24,120.00	1,206,654.79	(1,664,951.58)	2,248,727.79	596,994.57
October	-	-	-	-	-	-	-	-	-
State Aids - October	-								
Balance	130,088.10	1,082,579.24	562,428.00	490,018.69	24,120.00	1,206,654.79	(1,664,951.58)	2,248,727.79	596,994.57
November	-	-	-	-	-	-	-	-	-
Balance	130,088.10	1,082,579.24	562,428.00	490,018.69	24,120.00	1,206,654.79	(1,664,951.58)	2,248,727.79	596,994.57
December-Preliminary	-	-	-	-	-	-	-	-	-
Transfer between funds									
Balance	\$ 130,088.10	\$ 1,082,579.24	\$ 562,428.00	\$ 490,018.69	\$ 24,120.00	1,206,654.79	\$ (1,664,951.58)	\$ 2,248,727.79	\$ 596,994.57

**WOOD COUNTY PARK & FORESTRY**  
**OFFICE SUPERVISOR REPORT**

September 1, 2016

By: Sandra Green

**SNOWMOBILE:**

- First meeting will be held on September 12, 2016.

**ATV:**

- Meeting held August 8<sup>th</sup>. Randy Bowden and I were present. Updated Randy on the questions he asked from our last meeting and we discussed the ATV routes being proposed by Jeff Masephol. Meetings will resume in 2017 or on an as-needed basis.
- The ATV Area re-opened on August 16<sup>th</sup> after clean-up from July's storm was complete.
- Met with Duane Arendt and Chad Schooley to discuss proposal of ATV routes.

**OFFICE:**

- Worked with Chris Markworth in IT on the Camping Reservation System and new policy as well as updates to the requests on upgrades/changes, etc.

**OTHER:**

- I participated in the Domtar Health Fair in Nekoosa on August 23<sup>rd</sup>. The winner (Jerry Mancl) of the 2-night camping with electricity was drawn August 24<sup>th</sup>. A gift certificate will be mailed to him.
- I attended the Township of Port Edwards meeting at 7pm until 8pm on August 18<sup>th</sup> to provide information and/or answer questions regarding the Township proposal of ATV routes.
- Created agenda, added items, organized and took minutes at the Employee Summer Picnic held on August 10<sup>th</sup> at the Red Sands Beach Pavilion.
- Participated in the "Ranger Critique" meeting held on August 29<sup>th</sup>.



## **Park and Forestry Director Report**

By Chad Schooley, Park and Forestry Director

September 1, 2016

### **HIRC meeting**

- Continue planning for the Lake Wazeecha drawdown and dredging project.
- Met with Solarus to discuss internet needs at the Red Sands Beach Pavilion for the World Waterski Show Tournament.
- Held an employee meeting and appreciation lunch at the Red Sands Beach Pavilion on August 10<sup>th</sup>.
- Attended Department Head meeting on August 11<sup>th</sup>.
- Met with Duane Arendt, Port Edwards Chairman, to discuss ATV routes in Wood County.
- On August 16<sup>th</sup>, I facilitated a meeting with the Aqua Skiers, Sheriff Dept., Grand Rapids PD, and park staff, recapping the State Ski Show Tournament and planning for the World Ski Show. A special use permit will be presented for the World Ski Show.
- Participated in an on-line WPRA Board meeting on August 25<sup>th</sup>.
- A draft budget was distributed at the August HIRC meeting. There were a few small adjustments to that document that we will discuss at the meeting. If there are any questions to this draft, please contact me any time to discuss.
- We will review bids for the Dexter Park shop construction project, and possibly award the bids at the meeting.
- The Aqua Skiers have requested using Red Sands Beach in 2017 for all practices and shows. I have attached a calendar in the packet for your review. Essentially they are looking at having practices, and or shows, 5 nights per week (Sunday through Thursday) from June 11<sup>th</sup> – August 10<sup>th</sup>. Within that timeframe the beach will be closed down for 11 full days for the State Water Ski show tournament. As I have mentioned in the past, I would like to have a public comment session to receive feedback from the public regarding closing the beach down for so many days in the summer.
- I have included in your packet an article regarding drone use in parks. I am still compiling policies that other counties/municipalities have in place regarding drone use.
- There is a resolution in the packet which will allow us to apply for the annual County Conservation Aids Grant. We do not have an identified project yet for this grant, but this resolution will be needed when we do come up with one.
- I will bring information to the meeting regarding sound absorption options for the Nepco shelter building.

### **August Events - 59 shelter reservations**

### **Special Use Permits**

- World Water Ski Show Tournament- Sept 9-11 (Beach Closure has already been approved)

# AQUA SKIERS - 2017

## June

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
				1	2	3
4	5	6	7	8	9	10
11 Beach Closed 5:30 PM Practice/7 boats	12 Beach Closed 5:30 PM Practice/2 boats	13 Beach Closed 5:30 PM Practice/2 boats	14 Beach Closed 5:30 PM Practice/7 boats	15 Beach Closed 5:30 PM Practice/2 boats	16	17
18 Beach Closed 4 PM - *SHOW RSBP reserved.	19 Beach Closed 5:30 PM Practice/2 boats	20 Beach Closed 5:30 PM Practice/2 boats	21 Beach Closed 5:30 PM Practice/7 boats	22 Beach Closed 5:30 PM Practice/2 boats	23	24
25 Beach Closed 4 PM - *SHOW	26 Beach Closed 5:30 PM Practice/2 boats	27 Beach Closed 5:30 PM Practice/2 boats	28 Beach Closed 5:30 PM Practice/7 boats	29 Beach Closed 5:30 PM Practice/2 boats	30	

## 2017

## AQUA SKIERS - 2017

# July

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
						1
2 Beach Closed 4 PM - *SHOW 7 boats	3 Beach Closed 5:30 PM Practice/2 boats	4 Beach Closed 5:30 PM Practice/2 boats	5 Beach Closed 5:30 PM Practice/7 boats	6 Beach Closed 5:30 PM Practice/2 boats	7	8
9 Beach Closed 4 PM - *SHOW 7 boats	10 Beach Closed 5:30 PM Practice/2 boats	11 Beach Closed 5:30 PM Practice/2 boats	12 Beach Closed 5:30 PM Practice/7 boats	13 Beach Closed 5:30 PM Practice/2 boats	14	15 *** BEACH CLOSED LAKE CLOSED RSPB by A.S.
16 A.S. SET-UP BEACH CLOSED LAKE CLOSED RSPB by A.S.	17 A.S. SET-UP BEACH CLOSED RSPB by A.S.	18 A.S. SET-UP BEACH CLOSED RSPB by A.S.	19 BEACH CLOSED RSPB by A.S. ENCLOSED by A.S. OPEN by A.S.	20 STATE BEACH CLOSED LAKE CLOSED RSPB by A.S. ENCLOSED A.S. OPEN by A.S.	21 STATE BEACH CLOSED LAKE CLOSED RSPB by A.S. ENCLOSED by A.S. OPEN by A.S.	22 STATE BEACH CLOSED LAKE CLOSED RSPB by A.S. ENCLOSED by A.S. OPEN by A.S.
23 *** STATE BEACH CLOSED LAKE CLOSED	24 A.S. CLEAN-UP BEACH CLOSED RSPB by A.S.	25 A.S. CLEAN-UP BEACH CLOSED RSPB by A.S.	26 Beach Closed 5:30 PM Practice/7 boats	27 Beach Closed 5:30 PM Practice/2 boats	28	29
30 SP-E RESVD Beach Closed 4 PM - *SHOW 7 boats						

# 2017

# AQUA SKIERS - 2017

## August

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
		<b>1</b> Beach Closed 5:30 PM Practice/2 boats	<b>2</b> Beach Closed 5:30 PM Practice/7 boats	<b>3</b> Beach Closed 5:30 PM Practice/2 boats	<b>4</b>	<b>5</b>
<b>6</b> Beach Closed 4 PM - *SHOW 7 boats RSBP reserved.	<b>7</b> Beach Closed 5:30 PM Practice/2 boats	<b>8</b> Beach Closed 5:30 PM Practice/2 boats	<b>9</b> Beach Closed 5:30 PM Practice/7 boats	<b>10</b> Beach Closed 5:30 PM Practice/2 boats	<b>11</b>	<b>10</b>
<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>
<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>	<b>26</b>
<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>	<b>31</b>		

## 2017

# **Worlds Teams Practice Schedule 2016**

TIME	Monday, Sept 5th		Tuesday, Sept 6th		Wednesday, Sept 7th		Thursday, Sept 8th			Friday, Sept 9th	
	Wazeecha	River*	Wazeecha	River*	Wazeecha	River*	**Time	Wazeecha	River*	***Time	Wazeecha
7am-9:30am		USA		China	Canada		6:30-8:30am	China	USA	7-8:30am	Australia
9:30am-12pm			Canada		China	USA	8:30-10:30am	Australia		8:30-10am	USA
12pm-2:30pm			China	USA	Australia		10:30-12:30pm	USA	China	10-11:30am	Belgium
2:30pm-5pm			Australia		USA	China	12:30-2:30pm	Belgium		11:30am-1pm	Canada
5pm-7:30pm	Australia		USA		Belgium		2:30-4:30pm	Canada		1pm-2:30pm	China

\*\*Time on Thursday is shortened by 30 minutes due to event for teams starting at 5pm at the lake. Teams, except the 1st team of the day, will be asked to come 1 hour early for their practice time on Thursday to have TEAM pictures taken. 1st Team of the day will have theirs done 5:30 at the site.

\*\*\*Time on Friday is shortened due to setup for Opening ceremonies that will start at approximately 5:30pm.

**\*Note: The tournament boats may not leave Lake Wazeecha.**

\*River - If there is enough interest in "water time" at the River site the Aqua Skiers will coordinate to have two boats available for use.

In case of inclement weather there are two tents on the site that would be conducive to land practice. We will also look into inside practice areas that are in close proximity to the site.

## **2016 Sunrise/Sunset Timing**

Date	Sunrise	Sunset
5-Sep-16	6:28	19:21
6-Sep-16	6:29	19:19
7-Sep-16	6:30	19:17
8-Sep-16	6:31	19:16
9-Sep-16	6:31	19:14
10-Sep-16	6:32	19:12
11-Sep-16	6:33	19:11
12-Sep-16	6:34	19:09



**3<sup>rd</sup> Bi-Annual World Water Ski Show Tournament**  
*Presented by*



**EVINRUDE.**



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**Twin Lakes**  
**MARINE**

**Monday, September 5<sup>th</sup>:**

7am-7:30pm Team Practice-Lake Wazeecha and Aqua Skier River Site

**Tuesday, September 6<sup>th</sup>:**

7am-7:30pm Team Practice-Lake Wazeecha and Aqua Skier River Site

**Wednesday, September 7<sup>th</sup>:**

7am-7:30pm Team Practice-Lake Wazeecha and Aqua Skier River Site

**Thursday, September 8<sup>th</sup>**

6:30am-4:30pm Team Practice/\*Photos-Lake Wazeecha and Aqua Skier River Site

\*Teams will be asked to come 1 hour earlier than their practice time for team photos.

1<sup>st</sup> team of the day will be done at the evening event.

5pm Team/VIP meal starts in concessions area

6pm Team Seeding for the 1<sup>st</sup> day of competition in the Stone Shelter

6pm-10pm Meet the Team Event-Lake Wazeecha-Invite only!

**Friday, September 9<sup>th</sup>:**

10am-2pm Required Officials Clinic/Meeting at Hotel Mead

3pm-4pm Team Representative Meeting at Hotel Mead (Paperwork to be handed in)

7am-2:30pm Team Practice at Lake Wazeecha only.

4pm Site open to public Vendors-concessions and beer tent will be open

5:30pm **Opening Ceremonies**

**Saturday, September 10<sup>th</sup>:**

7:00am Teams into staging

7:00am Concessions open with breakfast

8:30am First team on the water

1 hour break after 3<sup>rd</sup> team skis

6pm-9pm Grand Rapids Lions Club Music Fest

TBD Officials Meeting w/ Team Reps @ Lions Club

**Sunday, September 11<sup>th</sup>:**

7:00am Teams into Staging

7:00am Concessions open with breakfast

8:30am First team on the water

1 hour break after 3<sup>rd</sup> team skis

Awards to follow competitions end.

6pm Closing Banquet/Ceremony@ The Hotel Mead-Invite only



# The Drones are Coming



Virtually anyone who has flown a quadcopter or other modern drone will say that they are a blast to fly. Drones combine the cool factor of impressive technology, the excitement of unmanned flight and the thrill of exploration, all in one amazingly simple and easy-to-operate package. Whether you fly alone, with friends or with your kids, flying drones is just plain fun.

But drones aren't only about fun. They will have an impact on virtually every aspect of our lives from agriculture to energy, scientific research, conservation, public safety and more. Drones have been labeled "disruptive technology," and held up as avatars of the mythical "billion-fold improvements" that have taken place in computing, imaging, aeronautics, medicine and other fields. Drones will come to shape our lives every bit as much as cellphones, tablet computers and other game-changing technology.

Futurists are abuzz with speculation that you will soon have your Amazon packages or Papa John's pizzas delivered to your door by drones. Mainstream media outlets breathlessly report breaking-news stories about unauthorized or potentially dangerous drones, such as the recent story of an errant drone piloted by a possibly inebriated operator in Washington, D.C., who, while reportedly trying to impress a female friend at 3 a.m., flew his friend's quadcopter from an apartment balcony a few blocks from the White House and crashed it on the White House grounds, causing major heartburn for the Secret Service.

Industry and media statistics on how many drones have been sold to the public differ slightly, but the sales totals almost defy belief. Hobby and commercial drones are reported to be selling at the rate of 15,000 or 16,000 per month, or almost 200,000 per year. That's a lot of people who will be looking to get outdoors and fly their new drones. And where will these people want to fly their drones? Why, in the wide open spaces designed for outdoor recreation, of course — parks!

There is no doubt drones are coming, and they are likely to have a profound effect on parks and recreation. The public and commercial use of drones will present substantial challenges to park managers very soon and agencies will do well to be prepared for the coming wave.

## **The Allure of Drones**

It is not difficult to understand why drones are becoming so popular. Flying a drone is a cool thing to do. The technology is amazing, the flying is exciting, and if there was ever a gadget that appealed to people's imagination, drones would have to be near the top of the list.

Drones and quadcopters are also relatively inexpensive and easy to operate. But just as they are fun to fly, they are more than just cool toys. They represent a quantum leap in how technology can be used not just for personal enjoyment and enrichment, but also to expand human knowledge, aid research, fight environmental threats, save lives and much more. We haven't even plumbed the depths of what drones might be able to do, but we are starting to see those scenarios take shape.

There may be challenges ahead related to public flying of drones in parks, but there are also tantalizing opportunities for park agencies to utilize drone technology to fulfill important conservation, natural resource management and public-safety responsibilities. These include search-and-rescue operations, wildfire control, managing threatened natural areas, mapping the spread of invasive species, monitoring remote park locations and others. Drones may be able to provide agencies substantial time and cost savings for a wide variety of tasks. There is no doubt that drones are already stimulating interest among park planners, GIS specialists, park managers, rangers and even recreation program staff. Some agencies are already making plans for how they might use drones.

From a recreational perspective, one of the most popular uses of hobby drones is for photography. New drones can carry high-resolution cameras with onboard image stabilization and other advances. "It's all new," says Eric Cheng, director of aerial imagery for DJI, one of the largest manufacturers of hobby and commercial drones in the world. In a recent interview, he said the ability of drones to facilitate extraordinary new ways to photograph objects and landscapes has provoked intense curiosity and public interest. "The view from right overhead is unique. Nobody has ever seen such photographs before, and you are taking them. It's exhilarating."

## **Legitimate Fears**

So what's not to like about drones? Well, crashes, lost drones, operator errors, mechanical failures, privacy invasions and other undesirable consequences of inept or irresponsible drone flying, just to name a few reasons. Such outcomes are becoming an increasing concern of those responsible for public safety, not to mention the ever-present threat of a drone being used in a terrorist plot. There is already a compendium of hair-raising stories of near-misses or collisions with drones including reports of drones flying too close to aircraft or in other highly inappropriate locations. Reports of drones flying within 50 feet of commercial aircraft at New York City airports make some believe that a collision with an airliner is not a matter of if, but when.

Parks have not been exempt from problems created by irresponsibly piloted drones, including a number of high-profile incidents at iconic national parks such as Zion and Grand Canyon. A



widely reported incident occurred at Mount Rushmore National Park when a hobby drone was launched from a parking lot, hovered over a crowd of 1,500 people gathered for an evening program at the monument, and then flew over and around the four sculpted heads before being flown back to the parking lot. Other public complaints about inappropriate or unauthorized use of drones have been received by the National Park Service (NPS), including harassment of wildlife, noise at iconic scenic viewing points and drone crashes in parks.

Jeffrey Olson, public affairs officer for NPS, says that the prohibition on unmanned aircraft in national parks issued by Director Jon Jarvis in a policy memo last June was “basically a timeout.” The ban on new drone flying was prompted by public complaints concerning incidents similar to what happened at Mount Rushmore. NPS management policies call for careful consideration of any “new form of recreation,” which drone flying clearly is, and the impact of this activity has not been evaluated. The administrative action will trigger a review of existing and proposed policies and will lead to a Notice of Proposed Regulation, a process that is likely to take about 18 months, according to Olson.

Incidents from rogue operators or inexperienced pilots are not the only concern. Privacy advocates, industrial and national security experts, and law enforcement officials are very concerned about the potential use of drones in terrorist plots or other criminal activity. Drones are starting to be a concern at virtually every large-scale public event that someone might want to observe or photograph, such as a drone that buzzed Chicago Park District’s Lollapalooza Festival last year. The Federal Aviation Authority (FAA) even went so far as to declare the 2015 Super Bowl a “No Drone Zone,” and issued an advisory to enjoy the game, but “leave your drone at home.”

Concerns about drones range from the relatively minor annoyance of crashes in open areas to the very deep concern regarding bad behavior by pilots whose ignorance or dangerous operation of drones can literally endanger people’s lives. Many drone enthusiasts are concerned about rogue operators giving all operators a black eye. “The rogues are outliers,” according to Jon Resnick, policy and marketing representative for DJI. Christopher Vo, president of the DC Area Drone User Group, says, “There are a lot of people who are interested in flying safely and who just want to find places to fly.”

Nonetheless, there are still many concerns about drones from a variety of quarters, especially park agencies that many expect to be on the front lines of managing public flying of hobby drones. Vo agrees that crashes and uncontrolled descents are an issue. “Everyone who gets their first drone and takes it out to fly will crash — that’s almost a guarantee,” he says. “But it is not necessarily a problem, just a reality. The solution is user education about where it is safe to fly and to not fly near buildings or over private property.” Technology improvements, says Vo, such as inexpensive onboard infrared sensors and downward-facing cameras will help measure changes in speed and assist automatic hold, takeoff and landing. “It is also why the industry is trying to make drones lighter, stronger and safer,” he says.

Vo points out that how a drone is flown is a factor in how safe it is. There are two principal methods of piloting drones, First-Person-View (FPV) and Line-of-Sight flying. In FPV flight, the operator flies the aircraft through the lens of an onboard camera. Some think this is a largely

unsafe way to fly, and that hobby drones should be only be flown by line-of-sight with a spotter present at all times the drone is in operation.

### **Rules Not Well Understood; Guidance Lacking**

With the large numbers of hobby drones being purchased daily and intense interest in commercial use growing, it is perplexing that there is so little understanding of exactly what the federal rules are for operating drones. The FAA regulates all U.S. airspace and there are strict rules for any type of aircraft flying above 500 feet. The rules governing unmanned aircraft systems, however, have been criticized for being seriously out of date.

Commercially flown drones present a different set of issues than hobby drones. Guidance for the operation of both commercial and hobby drones has been long-awaited and significantly overdue. At present, virtually all commercial use of drones is currently prohibited without a very difficult-to-obtain Certificate of Authorization (COA), but few rules govern hobby drones. Since sophisticated and versatile hobby drones can be purchased easily and without licensing requirements to operate them, not many people know what is actually allowed and what is prohibited by law.

Just before publication of this edition of *Parks & Recreation* magazine, the details of a Notice of Proposed Regulation by the FAA for commercial drone use were inadvertently posted online, and the FAA was essentially forced to release the entire proposal over a holiday weekend. To the commercial drone user's relief, the proposed regulations are being viewed as reasonable. They would not require operators to have a pilot's license as some had feared, and the training and costs to obtain a required FAA operator's certificate would not be prohibitive. Other proposed restrictions include a 500-foot ceiling, operation by line-of-sight only, and no flying above any people except those involved with the drone flight, such as a spotter. So, damp your expectations — no drone pizza deliveries to your door for now. The 60-day public comment period has now closed. The review and rule-making is expected to take up to two years. Cheng believes the FAA will need to issue some interim guidance for commercial users before the proposed rule becomes final, however, because there is such interest from potential commercial users for innovation and applications.

The recent FAA announcement indicated that guidance on hobby drones will be issued in the near future. The Academy of Model Aeronautics has advocated for more education and user training of drone operators and has supported the idea that hobby drone operators be required to obtain an operator's certificate or become a part of an organized model aircraft club.

If FAA-proposed rules do require hobby drone operators to be part of an organized club as some expect, there is likely to be an uptick in the membership of local model airplane clubs and drone user groups accompanied by an increasing demand for more public spaces in which to fly drones. But solutions may not be simple. It is true that many park and recreation agencies have a long history of providing model aircraft clubs space to fly radio-controlled planes, but virtually none are prepared for drone users. In addition, some park managers who currently provide parkland for radio-control clubs believe that flying fixed-wing RC planes and quadcopters on the same fields is not workable or desirable. This may mean that there will be new demands for drone-

flying areas and that park agencies will need to expand the search for suitable spaces for this purpose.

### **Policies for Public Flying in Parks Unformulated**

While the popularity of drones is growing exponentially, the awareness of park and recreation agency personnel who will need to manage them is not. In response to a query on NRPA Connect, a number of park administrators said their agencies either had no policies on drones or that they were unaware of any if they did.

One conclusion was clear from conversations with park agencies across the country: Those park agency personnel who have not anticipated the boom in public drone flying will be caught unprepared both on a policy level and a management level. An important lesson is emerging — if your agency hasn't started thinking about how to manage drones, it's time to start thinking about it now.

Those agencies that react with blanket prohibitions on drone flying will find them difficult to enforce and they will do a disservice to people who are just looking for a place to safely recreate. Decades of successful experience providing space for model airplane fliers have shown that park agencies can and do accommodate this kind of outdoor recreation compatibly with other activities.

Vo says, "Most of our users are law-abiding and only want to fly. But a lot of us who want to fly safely and responsibly simply don't have any places to fly. A lot of park agencies turn us down because they just don't want to deal with us." The good news for drone users like Vo is that some agencies are expressing willingness to consider how they could accommodate the drone-flying public.

### **Many Agencies Anticipate Using Drones Themselves**

Even if some agencies are unprepared for public drone use, quite a few are thinking about how they might use drones for a variety of management, monitoring, mapping and public safety applications.

The requirements for obtaining a COA from the FAA to use unmanned aircraft systems for governmental or research purposes are quite rigorous, but Cleveland Metroparks (CMP) was willing go the distance, said Brian Zimmerman, executive director of CMP. "When we saw the potential, we never wavered," he said. They have obtained a COA for a research project to monitor the Rising Valley wetlands complex, the largest freshwater wetlands in their park system.

Stephen Mather, geographic information systems supervisor, says that to map and study the wetlands is extremely time-consuming and difficult to accomplish. By employing a small fixed-wing drone, they will be able to do 3D mapping of surface topography and plant communities as well as track the spread of invasive species, monitor stormwater events, and create other datasets in real time to better manage and protect this valuable wetland. "We will also use the drone on a

forest restoration project, and we hope to use it to do an ongoing assessment of shoreline infrastructure along Lake Erie,” Mather says. “With resolution accurate to within an inch, we can create 3D maps of new construction and monitor its condition over time.”

### **The Future of Drones in Parks**

Cheng of DJI says, “We are in the earliest stages of drone technology and it is literally improving daily.” According to Cheng, there will be reliable, redundant return-home programming; mandatory no-fly software to prevent flying in federally designated no-fly zones; more autonomy and self-aware behavior; “follow-me” technology; and much more safety-related decision-making capability. “There is no reason that a drone should ever fly into a tree or building, and every drone will have sufficient power to return home.”

What’s on the horizon for drones in parks? Well, consider that drone fliers are already envisioning drone racing just like the old air races of the 1950s. Fly-ins, drone-building workshops and educational programs for drone users are already in the minds of forward-looking parks personnel. And the potential applications of commercial, hobby and agency-operated drones are mind-expanding. Hummingbird and nano-drones could aid in citizen science projects and enhance STEM learning opportunities for teens and adults. And what kid (under adult supervision of course) wouldn’t want to get connected to nature and the outdoors using a drone to observe and discover our natural world?

When asked if he could ever envision a future in which drone use in national parks could be common, Olson says, “Yes, probably, but the question will be where such use would be approved.”

So, what would the ideal future look like for users? Vo says, “Ideally, there would be park sites set aside for model aviation and open to users to fly their aircraft. There would be a way for users to communicate with park managers about what they were permitted to do and what they wanted to do. There would be a way for them to query the park managers about conditions and to be able to schedule times to fly. And there would be times and places where we could be able to educate others.” Possible? We’ll see.

**Richard J. Dolesh** is NRPA’s Vice President of Conservation and Parks.

**RESOLUTION#**
 Introduced by  
 Page 1 of 1

Highway Infrastructure & Recreation Committee

SMG

<b>Motion:</b>	Adopted: <input type="checkbox"/>
1 <sup>st</sup> _____	Lost: <input type="checkbox"/>
2 <sup>nd</sup> _____	Tabled: <input type="checkbox"/>
No: _____ Yes: _____	Absent: _____
Number of votes required:	
<input checked="" type="checkbox"/> Majority	<input type="checkbox"/> Two-thirds
Reviewed by: _____, Corp Counsel	
Reviewed by: <u>MM</u> , Finance Dir.	

**INTENT & SYNOPSIS:** To give the Park and Forestry Director and/or Forest Administrator and the Highway Infrastructure and Recreation Committee authorization to apply for reimbursement for Fish and Game and Wildlife Habitat Projects through the County Conservation Fund.

**FISCAL NOTE:** This is a 50/50 matching fund grant for projects totaling approximately \$5,000.00 per year.

		NO	YES	A
1	LaFontaine, D			
2	Rozar, D			
3	Feirer, M			
4	Wagner, E			
5	vacant			
6	Breu, A			
7	Ashbeck, R			
8	Miner, T			
9	Winch, W			
10	Henkel, H			
11	Curry, K			
12	Machon, D			
13	Hokamp, M			
14	Polach, D			
15	Clendenning, B			
16	Pliml, L			
17	Zurfluh, J			
18	Hamilton, B			
19	Leichtnam, B			

**WHEREAS,** The Wisconsin Statute 23.09(12) provides for allocation to the respective Counties in the State for county fish and game projects on the condition that the Counties match the State allocation, and

**WHEREAS,** The Wisconsin Statute 23.09(17m) also allows for grants to Counties for the development of habitat for game and non-game species on County Lands entered under §28.11, and

**WHEREAS,** Wood County desires to participate in these programs so as to improve the natural environment for wildlife on County Lands entered under §28.11 and to carry out a program of coordinated fish management project or game management projects,

**THEREFORE BE IT RESOLVED,** That the Wood County Board of Supervisors does hereby authorize the Park and Forestry Director and/or Forest Administrator to make annual applications for such project funding upon approval of the Highway Infrastructure and Recreation Committee.

**TEMPORARY ACCESS, WORKING RIGHTS AND OCCUPATION AGREEMENT**

This Temporary Access, Working Rights and Occupation Agreement ("Agreement") is entered into as of the \_\_\_\_\_ day of \_\_\_\_\_ 2016 by and between ENBRIDGE ENERGY, LIMITED PARTNERSHIP, a Delaware limited partnership with an office at 119 N. 25<sup>th</sup> Street East, Superior, Wisconsin 54880 ("Enbridge") and Wood County Parks and Forestry with an address of, 400 Market St. Wisconsin Rapids Wi. 54495 (Landowner)

Landowner, for valuable consideration, sufficiency and receipt of which is hereby acknowledged, hereby grants to Enbridge the right to enter upon, use and occupy certain lands of Landowner that are described in Exhibit A attached hereto and incorporated herein by reference (the "Land"). Enbridge's use of the Land shall be limited to the area of use described in Exhibit A and subject to the following terms and conditions:

Enbridge assumes all risk of, and indemnifies, protects and saves harmless Landowner and its successors and assigns from, all loss, damage, or injury to persons (including, without limitation, personal injuries resulting in death) or property and from all claims, demands, suits, liabilities, obligations and expenses arising therefrom, including reasonable legal fees and expenses, caused by or in any way connected with the exercise of the rights granted hereunder, except to the extent the same shall arise out of the negligent or intentional acts or omissions of any employee, officer, agent, invitee or representative of Landowner. In the event that any judgment, lien or other encumbrance is placed upon or levied against the property of Landowner in any suit or other proceedings due to Enbridge's activities, Enbridge will at once cause the same to be dissolved and discharged by giving bond or otherwise.

Enbridge shall maintain at all times during the term hereof sufficient insurance as may be required to protect Enbridge and Landowner from and against all claims, demands and causes of action arising by reason of any Work performed by Enbridge.

Enbridge shall be responsible to maintain the Land in an orderly fashion and all Work shall be performed in a neat and workmanlike manner. Enbridge shall restore the Land to the condition in which it existed prior to Enbridge's use as best as practicable. Enbridge shall observe all regulations applicable to the performance of the Work on the Land.

This Agreement shall be effective as of the date first set forth above and the term of this Agreement shall extend for a period as described in Exhibit A.

This Agreement shall be interpreted and construed in accordance with the laws of the State of Wisconsin.

IN WITNESS WHEREOF, the parties have executed this Agreement effective as of the date set forth above.

LANDOWNER

ENBRIDGE ENERGY, LIMITED PARTNERSHIP  
BY ENBRIDGE PIPELINES (LAKEHEAD) L.L.C.  
AS GENERAL PARTNER

By: \_\_\_\_\_

By: \_\_\_\_\_

Name: Fritz Schubert

Name:

Title: Wood County Forest Administrator

Title:

Tract# W-272-1

MP 193.9835 GW 276620

**EXHIBIT A**

**LANDOWNER'S PROPERTY LEGAL DESCRIPTION:**

SECTION 16      TOWNSHIP 22N      RANGE 5E

Pin#

**AMOUNT PAID \$ 1,500**

**DESCRIPTION OF ENBRIDGE AREA OF USE:**

Integrity dig MP 193.9835

100' x 100' Offline staging area, 20' Offline travel lane  
This agreement will stay in force for 1 year from the signed date.





# Committee Report

County of Wood

Report of claims for: PARK AND FORESTRY

For the period of: AUGUST for SEPTEMBER HIRC MEETING

For the range of vouchers: 21160361 - 21160412

Voucher	Vendor Name	Nature of Claim	Doc Date	Amount	Paid
21160361	ACE HARDWARE	Buena Vista Toilet & Golf Cart Items	08/04/2016	31.95	P
21160362	AFTER ALL INC	Septic Pumping for all Parks	08/04/2016	1528.00	P
21160363	ALLIANT ENERGY/ WP&L	Electric-ATV & Nepco Shelters	08/04/2016	412.67	P
21160364	CARQUEST AUTO PARTS ATLANTA GA	Alternator, Oils, & Credit	08/04/2016	245.72	P
21160365	DESIGN UNLIMITED	Architectural Services for PB	08/04/2016	2267.50	P
21160366	EAGLE CONSTRUCTION CO INC	Work Completed-DP Storage Shed	08/04/2016	52340.00	P
21160367	HAAS BUILDER SUPPLY	5-Versavent Buena Vista Toilet	08/04/2016	120.00	P
21160368	MANN POWER CONSTRUCTION	Buena Vista Toilet- New Roof	08/04/2016	4863.00	P
21160369	OAKDALE ELECTRIC CO	Electric Service for DP	08/04/2016	3002.28	P
21160370	PITTSVILLE FARM & HOME CENTER	Grease, Oils, Supplies for DP	08/04/2016	73.09	P
21160371	PROVISION PARTNERS	Gas for Equipment for DP	08/04/2016	37.72	P
21160372	QUALITY DOOR & HARDWARE	Buena Vista-Partitions & Doors	08/04/2016	3668.90	P
21160373	ROLYAN BUOYS	Buoys and Supplies	08/04/2016	213.00	P
21160374	WASTE MANAGEMENT	Garbage Pick-up for all Parks	08/04/2016	965.28	P
21160375	WATER WORKS & LIGHTING COMM	Electric for SP & Forestry Shop	08/04/2016	2413.23	P
21160376	WE ENERGIES	Gas Service-SP & Forestry Shop	08/04/2016	81.87	P
21160377	WOODTRUST BANK NA	Jesse-Safety Training, Hotel, Etc.	08/04/2016	744.73	P
21160378	ALLIANT ENERGY/ WP&L	Electric Service for NP & PB	08/11/2016	1925.11	P
21160379	ARC CENTRAL INC	Architectural Service-SP Storage Shed	08/11/2016	2250.00	P
21160380	ARCTIC GLACIER INC	Ice for all Campgrounds	08/11/2016	1061.32	P
21160381	B & B LAWN CARE LLC	Lawn Mowing for DP & NP	08/11/2016	5100.00	P
21160382	BOHN TRUCKING & EXCAVATING INC	Red Sands Beach Storm Damage Clean Up	08/11/2016	215.00	P
21160383	BUDS CORNER MART	Gasoline for SP Vehicles/Cans	08/11/2016	665.70	P
21160384	FASTENAL COMPANY	Safety Gloves for NP	08/11/2016	54.25	P
21160385	G & K SERVICES	Ranger Uniform Cleaning	08/11/2016	101.46	P
21160386	INSIGHT FS	LP for DP, Gas for NP	08/11/2016	865.52	P
21160387	LAKESIDE OASIS LLC	Gasoline for DP Vehicles	08/11/2016	172.62	P
21160388	NELSON CONSTRUCTION OF ARPIN INC	Assorted Supplies for NP	08/11/2016	95.79	P
21160389	PROGRESSIVE LAWN CARE & SUMMIT SNOW	Grass Cutting for SP & Nepco	08/11/2016	2450.00	P
21160390	QUALITY DOOR & HARDWARE	Items for NP & PB Shelters	08/11/2016	93.00	P
21160391	RAPIDS RENTAL & SUPPLY	Bar Oil for SP	08/11/2016	17.98	P
21160392	RAPIDS SIGN INC	Signs for DP and Nepco	08/11/2016	590.00	P
21160393	RIESTERER & SCHNELL INC	Tractor Light for SP	08/11/2016	44.18	P
21160394	SHAWN DUPEE CONSTRUCTION LLC	Ballast-Haycreek Rd-Forestry	08/11/2016	400.00	P
21160395	TOWER COMPANY INC THE	Water Tower Supplies for NP	08/11/2016	235.50	P
21160396	WISCONSIN VALLEY BUILDING PRODUCTS	Multi Tool	08/11/2016	111.10	P
21160397	ZDUN ZACHARY	Safety Shoe Reimbursement	08/11/2016	50.00	P
21160398	ADVANCE JANITORIAL SERVICE & SUPPLY	Wet Vac Wand, Etc.-SP	08/18/2016	107.29	P
21160399	BRODY'S ELECTRIC & REPAIR LLC	DP Storage Shed-Install 200 Amp Service	08/18/2016	1165.00	P
21160400	FORESTRY SUPPLIERS INC	2-Paint Guns, Etc. for Forestry	08/18/2016	314.01	P
21160401	HOME DEPOT CREDIT SERV (Parks)	DP-Storage Shed Lights & SP-Items	08/18/2016	1404.63	P
21160402	MENARDS-MARSHFIELD	Electric Supplies for DP Dam	08/18/2016	86.24	P
21160403	RAPIDS RENTAL & SUPPLY	Weedie Parts & Labor, Tools-DP	08/18/2016	157.87	P



## Committee Report

County of Wood

Report of claims for: PARK AND FORESTRY

For the period of: AUGUST for SEPTEMBER HIRC MEETING

For the range of vouchers: 21160361 - 21160412

21160404	SHERWIN-WILLIAMS CO THE	Buena Vista Paint, SP Shop Items	08/18/2016	71.71	P
21160405	ARCTIC GLACIER INC	Ice for all Campgrounds	08/23/2016	950.17	P
21160406	CARQUEST AUTO PARTS ATLANTA GA	Oils, Tools, & Park Supplies	08/23/2016	267.94	P
21160407	DOORWORKS INC	DX-Storage Shed Doors & Labor	08/23/2016	12651.00	P
21160408	LAKESIDE OASIS LLC	Gasoline for DP Vehicles	08/23/2016	263.00	P
21160409	PITTSVILLE FARM & HOME CENTER	Supplies for DP and NP	08/23/2016	87.47	P
21160410	PROVISION PARTNERS	Gasoline-DP Weedies & Golf Cart	08/23/2016	88.98	P
21160411	POWER PAC INC	Weedie Supplies & Parts-DP	08/23/2016	173.49	P
21160412	TOWN OF DEXTER	Building Permit Fee-New DP Shop	08/23/2016	35.00	P
Grand Total:				\$107,331.27	

### Signatures

Committee Chair:

\_\_\_\_\_

Committee Member:

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Committee Member:

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BL ACCT 00060130-00000000

WOOD CO PARK &amp; FORESTRY

Account Number: #### #### ####

Page 3 of 3

**Cardholder Account Summary**

CHAD SCHOOLEY #### #### ####	Payments & Other Credits \$0.00	Purchases & Other Charges \$65.00	Cash Advances \$0.00	Total Activity \$65.00
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**Cardholder Account Detail**

Trans Date	Post Date	Plan Name	Reference Number	Description	Amount
1. - 07/12	07/14	PBUS01	24136006195701377327988	NATIONAL RECREATION & 703-858-2179 VA	\$65.00

*1. - Fundraising strategies book***Cardholder Account Summary**

DENNIS QUINNELL #### #### ####	Payments & Other Credits \$0.00	Purchases & Other Charges \$95.73	Cash Advances \$0.00	Total Activity \$95.73
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**Cardholder Account Detail**

Trans Date	Post Date	Plan Name	Reference Number	Description	Amount
1. - 07/12	07/13	PBUS01	24707806194980171949758	GOLF CART KING LLC 877-960-5464 TX	\$95.73

*1. - Parts for DP golf cart***Cardholder Account Summary**

SANDRA GREEN #### #### ####	Payments & Other Credits \$0.00	Purchases & Other Charges \$584.00	Cash Advances \$0.00	Total Activity \$584.00
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**Cardholder Account Detail**

Trans Date	Post Date	Plan Name	Reference Number	Description	Amount
1. - 06/27	06/28	PBUS01	24492156179894493184994	PAYPAL *WPRA 402-935-7733 WI	\$450.00
2. - 06/27	06/29	PBUS01	24247606180100865311259	CHULA VISTA RESORT WISCONSIN DEL WI	\$134.00

*1. - Playground Safety training (3 days) Jesse Kostelny RSP  
2. - Room Stay (2 days) for training***Additional Information About Your Account**

IF IMPOSED, THE MINIMUM FINANCE CHARGE WILL BE \$2.00.

THE ANNUAL PERCENTAGE RATE MAY VARY MONTHLY AND IS CALCULATED BY ADDING 4.9% TO THE INDEX WHICH IS THE PRIME RATE PUBLISHED IN THE MONEY RATES TABLE OF THE WALL STREET JOURNAL.

**Finance Charge Summary / Plan Level Information**

Plan Name	Plan Description	FCM <sup>1</sup>	Average Daily Balance	Periodic Rate *	Corresponding APR	Finance Charges	Effective APR Fees **	Effective APR	Ending Balance
<b>Purchases</b>									
PBUS01 001	PURCHASE	G	\$0.00	0.70000%(M)	8.4000%(V)	\$0.00	\$0.00	0.0000%	\$744.73
<b>Cash</b>									
CBUS01 001	CASH	A	\$0.00	0.70000%(M)	8.4000%(V)	\$0.00	\$0.00	0.0000%	\$0.00

\* Periodic Rate (M)=Monthly (D)=Daily

\*\* includes cash advance and foreign currency fees

<sup>1</sup> FCM = Finance Charge Method

Days In Billing Cycle: 30

APR = Annual Percentage Rate

(V) = Variable Rate If you have a variable rate account the periodic rate and Annual Percentage Rate (APR) may vary.