

TENTATIVE AGENDA

DELTA COUNTY BOARD OF COMMISSIONERS

October 4, 2016

5:15 p.m.

- I. CALL TO ORDER
- II. PRAYER
- III. PLEDGE OF ALLEGIANCE
- IV. ROLL CALL

SPECIAL ORDERS OF BUSINESS:

- V. APPROVAL OF MINUTES OF PREVIOUS MEETINGS
 - County Board minutes: 9-20-16
 - Committee of the Whole:
- VI. APPROVAL OF AGENDA
- VII. PRESENTATION OF WRITTEN COMMUNICATIONS
 - A. COMMUNICATIONS RECEIVED
 - B. COMMUNICATIONS FORWARDED
- VIII. REPORTS OF STANDING, STATUTORY, SPECIAL COMMITTEES AND OTHERS
- IX. **PUBLIC COMMENT ON AGENDA ITEMS** (Sign In)
- X. **COMMITTEE REPORTS**
 - 1. **Administrators Report**
- XI. GENERAL ORDERS OF BUSINESS
 - A. UNFINISHED BUSINESS
 - B. NEW BUSINESS
 - 1. **Payment of Bills**
 - 2. **Citizens for Community Safety**
 - 3. **Correctional Facility FAQ Presentation**
 - 4. **Camp Cooks Integrated Resource Management**

5. Delta County Equalization

XII. GENERAL PUBLIC COMMENT

XIII. COMMISSIONER'S COMMENTS

XIV. MEETING SCHEDULE

- A. Statutory Board of Commissioners Meeting on 10-11-16 at 5:15 p.m. in the Service Center Boardroom.
- B. Board of Commissioners Meeting on 10-18-16 at 5:15 p.m. in the Service Center Boardroom.
- C. Board of Commissioners Meeting on 11-1-16 at 5:15 p.m. in the Service Center Boardroom.

XV. NOTICES

30 day notice of Appointments

XVI. ADJOURNMENT

*****DUE TO THE TIME CONSTRAINTS, THE DELTA COUNTY BOARD OF COMMISSIONERS HAS ADOPTED A POLICY THAT ANY INDIVIDUAL WISHING TO ADDRESS THE BOARD WILL BE ALLOCATED THREE (3) MINUTES. THE THREE MINUTES USED BY THE INDIVIDUAL ARE TO MAKE STATEMENTS. THERE WILL BE NO QUESTION AND ANSWER SESSION FORMAT. THIS WILL STRICTLY BE A STATEMENT TYPE FORMAT. IF YOU WISH TO ADDRESS THE BOARD, PLEASE SIGN YOUR NAME ON THE SIGN UP LIST AVAILABLE FROM THE COUNTY CLERK. SPEAKERS WILL BE CALLED IN ORDER OF SIGN UP.*****

THE COUNTY OF DELTA WILL PROVIDE REASONABLE AUXILIARY AIDS AND SERVICES FOR THE HEARING IMPAIRED AND TO INDIVIDUALS WITH DISABILITIES AT THE MEETING/HEARING UPON REASONABLE NOTICE TO THE COUNTY OF DELTA. INDIVIDUALS WITH DISABILITIES REQUIRING SERVICES SHOULD CONTACT THE COUNTY OF DELTA ADA COORDINATOR BY WRITING OR CALLING THE FOLLOWING:

Daniel Menacher, DELTA COUNTY ADA COORDINATOR
310 LUDINGTON STREET
ESCANABA, MI 49829
TELEPHONE (906) 789-5189

The Honorable Members of the Delta
County Board of Commissioners

Dear Commissioners:

A regular meeting of the Delta County Board of Commissioners is scheduled for
Tuesday, October 4, 2016 at 5:15 p.m. in the Boardroom in the Delta County Service Center.

Sincerely yours,

Nancy J. Kolich
Delta County Clerk

Proposed

**DELTA COUNTY BOARD OF COMMISSIONERS MEETING
September 20, 2016**

Escanaba, Michigan

A Regular meeting of the Delta County Board of Commissioners was held this date, pursuant to the following call:

September 15, 2016

The Honorable Members of the Delta
County Board of Commissioners

Dear Commissioners:

A Regular Meeting of the Delta County Board of Commissioners is scheduled for Tuesday September 20, 2016, at 5:15 p.m. in the Boardroom of the Delta County Service Center.

Sincerely yours,
Nancy J. Kolich
Delta County Clerk

ROLL CALL

PRESENT: Commissioners Malnar, Johnson, Moyle and Rivard.

EXCUSED: Commissioner Harrington.

The meeting was called to order at 5:20 p.m. in the Boardroom of the Delta County Service Center by Delta County Clerk, Nancy J. Kolich.

V. APPROVAL OF MINUTES OF PREVIOUS MEETING

Moved by Commissioner Moyle and seconded by Commissioner Malnar to approve the minutes of the September 6, 2016 meeting.
MOTION CARRIED.

VI. APPROVAL OF AGENDA

Moved by Commissioner Moyle and seconded by Commissioner Malnar to approve the agenda. MOTION CARRIED.

VII. PRESENTATION OF WRITTEN COMMUNICATIONS

- A. Received: No letters were received.
- B. Forwarded: No letters were forwarded.

VIII. REPORTS OF STANDING AND STATUTORY SPECIAL COMMITTEES AND OTHERS

Proposed

IX. PUBLIC COMMENT ON AGENDA ITEMS:

Andrew Hillman, Noc Bay Flyers Club, addressed the Board with his concerns regarding Disc Golf at Pioneer Trail Park.

Heather Grimes, Bark River Township, addressed the Board with her concerns regarding Disc Golf at Pioneer Trail Park.

X. COMMITTEE REPORTS:

1. Administrator's Report.

Mental health funding researched the agreement from 1997, trying to determine why Delta County is paying so much more per diem than the other 3 counties for Pathways. There may some relief in paying MERS in The grant for the safety windows in the Courthouse lobby was approved for \$6,500 which was 50% of the cost. There is a community group (Citizens for Community Safety) that has formed to help support the Sheriff's Bond Proposal Millage that is separate from the County, and will raise their own funds. There have been 102 felons released early from the jail since because of overcrowding.

Moved by Commissioner Johnson and seconded by Commissioner Malnar to approve reimbursement to the Conservation District for the District Manager to travel downstate for travel expenses related to grant assistance of \$152.08. MOTION CARRIED.

2. Building and Grounds minutes of 9-14-16.

1. Michigan Works Door.

Moved by Commissioner Johnson and seconded by Commissioner Moyle to approve Michigan Works to bid out and proceed with replacing the main customer entrance door at a cost to them. MOTION CARRIED.

2. Animal Shelter Demolition.

Moved by Commissioner Malnar and seconded by Commissioner Moyle to allow the Bay de Noc Kennel Club to demolish the old kennels at the old Animal Shelter building at no cost to the county. MOTION CARRIED.

Moved by Commissioner Johnson and seconded by Commissioner Moyle to receive the Building and Grounds minutes of 9-14-16 and place on file. MOTION CARRIED.

XI. GENERAL ORDERS OF BUSINESS

A. UNFINISHED BUSINESS

Proposed

B. NEW BUSINESS

1. Payment of Bills.

Moved by Commissioner Moyle and seconded by Commissioner Malnar to pay bills in the amount of \$1,460,645.10 and Commissioners expenses of \$1,589.36. MOTION CARRIED.

2. Housing Rehab Program Update.

Naomi Fletcher, Community Action Agency, gave the Board an update on the Housing Rehabilitation Program in Delta County.

3. CAA MDOT Master Agreement No. 2017-0095.

Moved by Commissioner Malnar and seconded by Commissioner Moyle to approve the CAA MDOT Master Agreement No. 2017-0095, as presented and authorizes the County Clerk to sign on behalf of the Board. MOTION CARRIED.

4. 911 Authority Millage Levy.

Moved by Commissioner Moyle and seconded by Commissioner Malnar to set the 911 Central Dispatch millage rate at 0.20 mills of the 0.75 mills allowed. MOTION CARRIED.

5. 2016 County Millage Rates.

Moved by Commissioner Moyle and seconded by Commissioner Malnar to approve the 2016 County millages at 0.90 for Road Patrol, 0.60 for Community Action Agency, 0.20 for 911 Central Dispatch and 0.30 for Recycling. MOTION CARRIED.

6. Retirement of District Court Magistrate Mark Hager.

Moved by Commissioner Johnson and seconded by Commissioner Moyle to send a Resolution and letter of appreciation for years of service to retiring District Court Magistrate Mark Hager. MOTION CARRIED.

7. Assistant to the Prosecutor/Paralegal.

Moved by Commissioner Moyle and seconded by Commissioner Malnar to give the Prosecutor authority to fill the Assistant to the Prosecutor/Paralegal position. MOTION CARRIED.

8. Appointment to the DATA Board (1 opening).

Moved by Commissioner Moyle and seconded by Commissioner Malnar to appointment Dennis Wiltzius to the DATA Board and send a letter to the other applicants thanking them and

Proposed

asking if they would like to serve on another board. MOTION CARRIED.

9. Appointment to the Brownfield Authority (1 opening).

Tabled.

10. Participation in Class Action Settlement.

Moved by Commissioner Moyle and seconded by Commissioner Malnar to participate in the Class Action Lawsuit against Business Financial Services, Inc., as presented, at no cost to the county. MOTION CARRIED.

11. Out of County Travel - UPACC Fall Conference.

Moved by Commissioner Johnson and seconded by Commissioner Malnar to approve out of county travel to Brimley for the Administrator and Board members to attend the UPACC Fall Conference in Brimley October 13 and 14, 2016. MOTION CARRIED.

12. Budgetary Motions.

A. Moved by Commissioner Malnar and seconded by Commissioner Moyle to authorize the Administrator to transfer budget line items in order to balance budget within guidelines as adopted or to comply with State & Federal Statutes.

B. Moved by Commissioner Malnar and seconded by Commissioner Moyle to authorize Administrator to handle other year end and housekeeping items.

C. Moved by Commissioner Malnar and seconded by Commissioner Moyle to authorize the Administrator to update the County's Chart of Accounts to comply with the State of Michigan's Uniform Chart of Accounts.

D. Moved by Commissioner Malnar and seconded by Commissioner Moyle to approve the budget amendments to make any additional amendments to conform with the Uniform Budgeting Act.

E. Moved by Commissioner Malnar and seconded by Commissioner Moyle to adopt the 2016-17 Budget, to reflect the Board actions taken at the 9-20-16 Board meeting.

F. Moved by Commissioner Malnar and seconded by Commissioner Moyle to adopt the 2016-17 General Budget Resolutions, as presented, with amendments to reflect Board action taken at the 9-20-16 meeting.

Proposed

G. Moved by Commissioner Malnar and seconded by Commissioner Moyle to adopt the 2016-17 Budget Resolution, as presented, with amendments to reflect Board action taken at the 9-20-16 meeting.

H. Moved by Commissioner Malnar and seconded by Commissioner Moyle to adopt the 2016-17 Purchase Order Policy as presented.

I. Moved by Commissioner Malnar and seconded by Commissioner Moyle to accept the Human Services Agency Resolution.

J. Moved by Commissioner Malnar and seconded by Commissioner Moyle to accept the Road Commission Resolution.

K. Moved by Commissioner Malnar and seconded by Commissioner Moyle to accept the Remonumentation Peer Group Per Diem and Mileage Resolution.

ROLL CALL	MALNAR	YES
	JOHNSON	YES
	MOYLE	YES
	RIVARD	YES
	HARRINGTON	ABSENT

MOTIONS CARRIED.

13. Disc Golf Discussion.

Rory Mattson, Delta Conservation District Director, gave a presentation to the Board on the damage to the soil on the disc golf course with the only option being to close the course for the fall, winter and spring.

XII. GENERAL PUBLIC COMMENT

Mike Miller, retired forester, addressed the Board with his concerns regarding closing the disc golf course for the winter.

Brian Tourangeau, addressed the Board with his concerns regarding closing the disc golf course for the winter.

Andrew Hillman, addressed the Board with his concerns regarding monies collected by the disc golf club.

XIII. COMMISSIONERS CONCERNS

Commissioner Malnar: None.

Proposed

Commissioner Johnson: Appreciates everyone's concerns. The care of the park and care of the forest is our priority. Loves Pioneer Trail Park and the disc golf course.

Commissioner Moyle: Thank you for coming out and sitting through the meeting and for your passion for disc golf. Call me with your concerns 235-8527.

Commissioner Rivard: None.

Commissioner Harrington: None.

XIV. MEETING SCHEDULE

October 4 th	5:15 p.m.	Board meeting.
October 11 th	5:15 p.m.	Statutory Board meeting.
October 18 th	5:15 p.m.	Board meeting.

XV. NOTICES

30 day notice of Appointments

XVI. ADJOURNMENT

Moved by Commissioner Moyle and seconded by Commissioner Malnar to adjourn at 6:43 p.m.

Respectfully Submitted,

Nancy J. Kolich, County Clerk

David J. Rivard, Vice Chair

DELTA COUNTY BOARD OF COMMISSIONERS

ADMINISTRATION OFFICE
310 LUDINGTON STREET
ESCANABA, MICHIGAN 49829
PHONE: 906-789-5100
FAX: 906-789-5197

BI



October 4, 2016

TO: Delta County Board of Commissioners
FR: Ryan Bergman, Administrator
RE: Payment of Bills

I have examined all claims presented, and recommend payment of the following; and that the County Clerk be directed to issue orders on the County Treasurer to the Claimants for the amounts allowed.

Ryan Bergman, Administrator

Date	Amount	
09-16-16	150,855.81	
09-20-16	25,929.62	
Total Report of Claims	\$ 176,785.43	
Total Jury Expense	\$ 0.00	
GRAND TOTAL OF BILLS	\$ 176,785.43	
Commissioner Expenses:	\$ 1,244.88	Paid

AUTHORIZED SIGNATURE _____
AUTHORIZED SIGNATURE _____
AUTHORIZED SIGNATURE _____
AUTHORIZED SIGNATURE _____
AUTHORIZED SIGNATURE _____

Check Date	Check	Vendor	Vendor Name	Description	Amount
Bank FIRST ALL FUNDS					
09/16/2016	163441	001067	AMERICAN ASSN OF AIRPORT EXECUTIVES	AIRPORT AND MAINTENANCE CONFERENCE 2016	790.00
09/16/2016	163442	001151	AT&T	PHONE - ACCT: 906 786-5902 665 3 PHONE - ACCT 906 786-3633 835 3 PHONE - ACCT 906 786-4902 919 7	26.52 536.46 569.60 <u>1,132.58</u>
09/16/2016	163443	001156	AT&T ASSET PROTECTION	RESTITUTION - BEAUCHAMP - 07-FH-7823 RESTITUTION - 07-FH-7823 - BEAUCHAMP	10.00 5.00 <u>15.00</u>
09/16/2016	163444	001184	AUTO OWNERS INSURANCE	RESTITUTION - JOHNSON - CLAIM#22-5064-20	10.00
09/16/2016	163445	002080	BAY DE NOC COMMUNITY COLLEGE	CFR WITHDRAWAL FEE YODER	6,049.13
09/16/2016	163446	002159	BICHLER GRAVEL & CONCRETE	MORTAR SAND AND TRUCKING (25.1 UNITS X MORTAR SAND AND TRUCKING (25.77 UNITS X MORTAR SAND AND TRUCKING 25.2 UNITS X \$ MORTAR SAND AND TRUCKING (26.45 UNITS X MORTAR SAND AND TRUCKING (26.05 UNITS X MORTAR SAND AND TRUCKING (26.42 UNITS X MORTAR SAND AND TRUCKING (38.7 UNITS X MORTAR SAND AND TRUCKING (12.17 UNITS X MORTAR SAND AND TRUCKING (25.21 UNITS X MORTAR SAND AND TRUCKING (25.26 UNITS X MORTAR SAND AND TRUCKING (25.73 UNITS X MORTAR SAND AND TRUCKING (25.77 UNITS X MORTAR SAND AND TRUCKING (24.90 UNITS X	319.47 249.97 320.44 332.57 328.69 322.57 483.28 156.05 320.54 321.02 325.58 325.97 317.53 <u>4,123.68</u>
09/16/2016	163447	002164	BILLY ELECTRIC INC	GENERATOR REPAIR - HEALTH DEPT	150.00
09/16/2016	163448	002170	BENOIT'S GLASS & LOCK	LOCK REPAIR- SERVICE CENTER.	65.00
09/16/2016	163449	002207	BLUE CROSS BLUE SHIELD OF MICHIGAN	HEALTH INSURANCE - OCT 2016	1,887.55
09/16/2016	163450	003005	C & C SALES	INMATE COMMISSARY SNACKS	140.30
09/16/2016	163451	003034	MARGARET CARIGNAN	CANVASS AUGUST 30 RECOUNT GARDEN TWP	21.08
09/16/2016	163452	003060	CDW GOVERNMENT INC	VMWARE SUPPORT/SUBSCRIPT PROD-TECH SUPPO	7,225.00
09/16/2016	163453	003062	SHARYN CASZETT	CANVASS AUGUST 30 RECOUNT GARDEN TWP	30.80
09/16/2016	163454	003110	CITY OF ESCANABA	TRAINING FUND REIMB- 7/1/15-6/30/16	2,310.00
09/16/2016	163455	003130	CITY OF ESCANABA	UTILITIES - ACCT 1-06-1500-00 SPRINKLER- SC - ACCT 1-06-0330-00 ELECTRICITY - CH - ACCT 1-06-1080-00 ELECTRIC/WATER-SCN- ACCT-1-06-0570-01	2,786.13 462.52 7,731.05 17.76 <u>10,997.46</u>
09/16/2016	163456	003137	MAUREEN CARY	RESTITUTION - JACK - 14-FH-9050	20.00
09/16/2016	163457	003140	CITY OF GLADSTONE	RESTITUTION - MICHEAU - 13-FH-8845	50.00
09/16/2016	163458	003160	CLOVERLAND PAPER CO.	JANITORIAL SUPPLIES - SOAP	40.43 30.37 <u>70.80</u>
09/16/2016	163459	003240	COOPER OFFICE EQUIPMENT INC.	BIZHUB 750 USAGE	500.00
09/16/2016	163460	004143	TAMMY DELKE	RESTITUTION - DELKE - 14-FH-9028	100.00
09/16/2016	163461	004144	DEKETO	MAINTENANCE - ROD	1,808.00

Check Date	Check	Vendor	Vendor Name	Description	Amount
09/16/2016	163462	004200	DELTA COUNTY CLERK	APPLY BOND TO FINES - SCHETTEK - 16-FH-9 10% BOND- CLAUSEN - 16-FH-9287 10% BOND - ARMSTRONG 16-FH-9332 10% BOND - SCHEERINGA - 16-9346-FH APPLY BOND TO FINES & 10% - SPRIKS - 16- APPLY BOND TO FINES & 10% - WRIGHT - 16-	958.00 30.00 40.00 30.00 300.00 300.00 <u>1,658.00</u>
09/16/2016	163463	004230	DELTA COUNTY ROAD COMMISSION	GASOLINE - AUGUST 2016 - ACCT 084-0-0100	2,761.85
09/16/2016	163464	004270	DELTA COUNTY TREASURER	RECORDING EXP- 14 QUIT CLAIM DEEDS	140.00
09/16/2016	163465	004272	DELTA DISPOSAL	GARBAGE PICK-UP - ACCT COM0040	163.95
09/16/2016	163466	004330	DELTA SCHOOLCRAFT INTERMEDIATE SCHO	CFR WITHDRAWAL FEE YODER	4,362.01
09/16/2016	163467	006044	MARY ALICE FINLAN	CANVASS AUGUST 30 RECOUNT GARDEN TWP	21.08
09/16/2016	163468	006050	FIRST BANK	RESTITUTION - GUSTAFSON - 06-FH-7609 RESTITUTION - GUSTAFSON - 06-FH-7609	25.00 25.00 <u>50.00</u>
09/16/2016	163469	006053	FRATERNAL ORDER OF EAGLES	RESTITUTION - EVANS - 14-FH-8969 RESTITUTION - EVANS - 14-FH-8969 RESTITUTION - EVANS - 14-FH-8969 RESTITUTION - EVANS - 14-FH-8969	150.00 150.00 300.00 150.00 <u>750.00</u>
09/16/2016	163470	006057	FIRST LUTHERAN CHURCH	RESTITUTION - OLIVER- 99-FH-6468	30.00
09/16/2016	163471	006075	DR. STEVEN FLATH	RESTITUTION - 11-FC-8445 - BEAUCHAMP RESTITUTION - BEAUCHAMP- 11-FC-8445 RESTITUTION - BEAUCHAMP - 11-FH-8445	20.00 10.00 10.00 <u>40.00</u>
09/16/2016	163472	006088	DAN FORRESTER	THERAPY/MILEAGE 9/7/16	464.00
09/16/2016	163473	006121	FRIENDS OFFICE PRODUCTS	OFFICE SUPPLIES OFFICE SUPPLIES OFFICE SUPPLIES	18.78 39.16 54.99 <u>112.93</u>
09/16/2016	163474	008027	HANNAHVILLE TRIBAL COURT	OUT OF COUNTY BOND - SAGATAW, WILLIAM MILEAGE/PHONE REIMB- AUG 2016	1,000.00 110.06
09/16/2016	163475	008049	MARY HARRINGTON	CARE OF J. WEGNER - JULY 2016	452.03
09/16/2016	163476	008116	TINA HOUGHTALING	MILEAGE REIMB 8/22/16 - 9/9/16	225.72
09/16/2016	163477	008124	MATT HUGHES	TONER	624.95
09/16/2016	163478	009036	INK AND TONER ALTERNATIVE	MEAL REIMB - PRISONER TRANSPORT 9/9/16	4.87
09/16/2016	163479	010058	DANIEL L. JOHNSON		
09/16/2016	163480	010110	JOHNSTON PRINTING & OFFSET	BUSINESS LETTERHEAD ENVELOPES LETTERHEAD - ENVELOPES	65.00 335.00 <u>400.00</u>
09/16/2016	163481	011054	ANN KANANEN	RESTITUTION - GRAVES - 12-FH-8675	20.00
09/16/2016	163482	011070	KOBAS ELECTRIC CO., INC.	MH400 LAMPS	46.80
09/16/2016	163483	011071	KMB BROADCASTING INC	SPORTS PACKAGE-MARKETING -AUGUST 2016	350.00
09/16/2016	163484	011072	TIMOTHY KOBASIC	RESTITUTION - ARBOUR - 11-FH-8519	100.00
09/16/2016	163485	011080	NANCY KOLICH	PHONE REIMB - MAY 2016 PHONE REIMB - JUNE 2016 PHONE REIMB - JULY 2016 PHONE REIMB - AUGUST 2016	35.00 35.00 35.00 35.00

Check Date	Check	Vendor	Vendor Name	Description	Amount
09/16/2016	163486	011083	STEPHEN KOSITZKY	BOOT ALLOWANCE - 2015-16	140.00
09/16/2016	163487	011084	SUSAN KORPI	RESTITUTION - JOHNSON - 09-FH-8156	150.00
09/16/2016	163488	011087	MICHAEL & NANCY KOSSOW	RESTITUTION - IVES - 11-FH-8522	12.50
09/16/2016	163489	012013	LAKE SUPERIOR BUSINESS MACHINES INC	HP LASERJET REPAIR	200.00
09/16/2016	163490	012031	LINDSEY LAMARCH	REIMB POSTAGE	478.45
				MEALS/MILEAGE/BRIDGE/PARKING-8/28 - 8/30	6.89
					474.38
					481.27
09/16/2016	163491	012091	SANDRA LINSMEYER	CARE OF B. GORDON - JULY 2016	638.29
09/16/2016	163492	012094	LEXISNEXIS RISK SOLUTIONS	PRE INVESTIGATIONS-AUG 2016 - ACCT 66845	50.25
09/16/2016	163493	013060	MAPLE RIDGE TOWNSHIP TREASURER	CFR WITHDRAWAL FEE YODER	3,233.42
09/16/2016	163494	013169	JAMES MCDONOUGH	MEAL/GASOLINE - MENTAL TRANSPORT 9/9/16	17.01
09/16/2016	163495	013179	MENARDS	BACKWIRE OUTLET, COVER DUPLEX, CARTRIDGE	37.17
				CHIPPER SHREDDER-ORANGE CORD	507.88
				CONCRETE MIX	9.00
				SOFT SOAP	5.88
				CLOCK PARTS	34.42
				SILICONE - LIGHT BULBS	38.39
					632.74
09/16/2016	163496	013193	TERRY L. MERCIER	RESTITUTION - KARR - 07-FH-7767	5.00
09/16/2016	163497	013430	MID PEN SCHOOL DISTRICT	WITHDRAWAL FEE CFR PROPERTY YODER	14,813.74
09/16/2016	163498	013435	MIDWEST CLAIMS SERVICE	RESTITUTION - GUSTAFSON - 06-FH-7610	25.00
				RESTITUTION - GUSTAFSON - 06-FH-7610	25.00
					50.00
09/16/2016	163499	013447	MILLER'S ACTION OFFICE SUPPLY	OFFICE SUPPLIES	46.62
09/16/2016	163500	013614	JOHN MYERS	CANVASS AUGUST 30 RECOUNT GARDEN TWP	25.40
09/16/2016	163501	014042	NAPA AUTO PARTS	ADAPTER	10.72
				OXYGEN, HAZMAT, ACETYLENE	128.55
					139.27
09/16/2016	163502	014043	NAPA OF ESCANABA	SUSPENSION SYSTEM PARTS- 2007 CHEVY PLOW	235.17
09/16/2016	163503	014192	NORWAY SPRINGS INC	HOT WATER RENTAL - SEPT 2016	19.90
				HOT RENTAL - AUGUST 2016	19.90
				WATER	25.20
					65.00
09/16/2016	163504	014218	NORTHGATE EQUIPMENT & SALES	LOOP CHAIN 72 DRIVERS	15.24
				ECHO POWER HEAD/BRUSHCUTTER/A. HEDGE	537.97
					553.21
09/16/2016	163505	014220	NORTHERN STAR PATHOLOGY PC	AUTOPSY- EDWARD TROMBLEY	1,450.00
09/16/2016	163506	015094	OSF ST. FRANCIS HOSPITAL	AUTOPSY LABS- EDWARD TROMBLEY	448.00
09/16/2016	163507	016088	PIONEER QUICK LUBE - 23	OIL CHANGE - CORRECTIONS VEHICLE	81.85
09/16/2016	163508	017005	QT PETROLEUM ON DEMAND	YEARLY SERVICE CONTRACT FOR M3000 100LL	995.00
09/16/2016	163509	018029	VICTORIA A. RADKE	MEALS/LODGING - 8/29/16-9/1/16	629.40
09/16/2016	163510	018063	REINHART FOOD SERVICE	FOOD SERVICE SUPPLIES	136.65
09/16/2016	163511	018064	REDWOOD TOXICOLOGY LABORATORY INC.	DRUG SCREENINGS - ACCT 9431	46.50

3

Check Date	Check	Vendor	Vendor Name	Description	Amount
09/16/2016	163512	018069	REMY BATTERY	BATTERIES BATTERY	36.96 2.60 <u>39.56</u>
09/16/2016	163513	018110	RICHER REFRIGERATION	GAS PSI SWITCH, LABOR, SHIPPING REPLACE COMPRESSOR - OUTDOOR UNIT	385.31 1,702.35 <u>2,087.66</u>
09/16/2016	163514	019010	ST. ANNE CHURCH	RESTITUTION - BEAUCHAMP - 08-FH-8056	5.00
09/16/2016	163515	019036	SAULT STE MARIE TRIBE OF CHIPPEWA	CARE OF M. METZER-MEEK - 8/25 - 8/31/16 CARE OF D. PETERSON - 8/1 - 8/23/16	840.00 2,640.00 <u>3,480.00</u>
09/16/2016	163516	019076	JODI M. SCHWALBACH	MEAL REIMB - 9/6 - 9/9/16	56.97
09/16/2016	163517	019120	SHOPKO	OFFICE SUPPLIES-INCENTIVES - ACCT 900000	164.34
09/16/2016	163518	019176	JAMES SODERBERG	MILEAGE/MEALS/LODGING - 8/29/16- 9/1/16	765.76
09/16/2016	163519	019196	STANDARD ELECTRIC COMPANY	LIGHT BULBS -MI WORKS	203.40
09/16/2016	163520	019239	STATE OF MICHIGAN	NOTARY APPLICATION FOR GINA LARSON	10.00
09/16/2016	163521	019293	STATE OF MICHIGAN	CFR DISTRIBUTION YODER	48,816.21
09/16/2016	163522	019379	SEAN STUMPF	RESTITUTION - DEVEAUX - 15 FH 9150	15.00
09/16/2016	163523	020031	BOBBI JO & ROBERT TAYLOR	RESTITUTION - DEVEAUX- 15-FH-9150	35.00
09/16/2016	163524	021031	UPPER LAKES TOWING COMPANY	RESTITUTION - DEVEAUX- 15-FH-9150	34.71
09/16/2016	163525	021036	U.P. KIDS	RESTITUTION - DEVEAUX- 15-FH-9150	35.00
09/16/2016	163526	021048	U.P.S.E.T.	RESTITUTION - DEVEAUX - 15-FH-9150	28.86 <u>148.57</u>
09/16/2016	163527	021060	UPPER PENINSULA FAMILY SOLUTIONS	RESTITUTION - BALDWIN - 14-FH-8994	50.00
09/16/2016	163528	023071	BRENDA WERY	RESTITUTION - JOHNSON - 10-FH-8324	100.00
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09/16/2016	163531	025000	XEROX CORPORATION	CARE OF L. PORTER - AUGUST 2016	534.44
09/16/2016	163532	084220	SHIRLEY MERRELL	CARE OF P NELSON- JULY 26-31/2016 CARE OF C. ARCHEY - AUGUST 2016 CARE OF C. ARCHEY - AUGUST 2016	103.66 534.44 534.44 <u>1,706.98</u>
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09/16/2016	163534	023121	WJMN-TV3	MARKETING-AUGUST 2016 - NFL PRE-SEASON MARKETING - AUGUST 2016 - PGA GOLF MARKETING - BANNER - AUGUST 2016	100.00 360.00 400.00 <u>860.00</u>
09/16/2016	163535	023140	WRIGHT EXPRESS FINANCIAL SERVICES	CREDIT CARD 5567 3400 0301 8078 HARD DRIVES/IT EQUP/CHARGERS/SIGN&SEND/M	594.56 3,595.03 <u>4,189.59</u>
09/16/2016	163536	025000	XEROX CORPORATION	PRINTER - ACCT 718015423	33.46
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4

Check Date	Check	Vendor	Vendor Name	Description	Amount
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09/16/2016	163534	084960	JACQUELINE GILLER	BURIAL ALLOWANCE - AUDIE GILLER	300.00
09/16/2016	163535	085150	DEAN & JACLYN HESLIP	RESTITUTION - DZANBOZOFF - 09-8175-FH	54.03
09/16/2016	163536	085170	ELAINE PEPIN	RESTITUTION - DZANBOZOFF- 09-FH-8177	525.03
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09/16/2016	163539	CLERK MISC	MARLENE CLAUSEN	RETURN BALANCE BOND - CLAUSEN - 16-FH-92	270.00
09/16/2016	163540	CLERK MISC	DANIEL LAITINEN	RETURN BOND - LAITINEN - 16-FH-9311	2,500.00
09/16/2016	163541	CLERK MISC	ANNALISA OGLE	RESTITUTION - DZANBOZOFF-09-8177-FH	25.00
09/16/2016	163542	CLERK MISC	JAMES BIZEAU	RESTITUTION - DZANBOZOFF - 09-FH-8177	205.00
09/16/2016	163543	CLERK MISC	CONSTANCE LEMIRE	RESTITUTION -DZANBOZOFF - 09-FH-8177	165.00
09/16/2016	163544	CLERK MISC	JAIIMEE LYNN MASKART	RETURN BALANCE BOND - ARMSTRONG 10%	360.00
09/16/2016	163545	CLERK MISC	ELISE BERG	RESTITUTION - DZANBOZOFF - 09-8177-FH	332.00
09/16/2016	163546	CLERK MISC	AMANDA LYNN OLSON	RETURN BALANCE BOND - SCHEERINGA - 10% 1	270.00
09/16/2016	163547	DLQ TAX	L T LAVELLE	OVERPAY ON 3 PARCELS	45.27

FIRST TOTALS:

Total of 107 Checks: 150,855.81
 Less 0 Void Checks: 0.00
 Total of 107 Disbursements: 150,855.81

5

Check Date	Check	Vendor	Vendor Name	Description	Amount
Bank FIRST ALL FUNDS					
09/22/2016	163567	002108	BAY VETERINARY CLINIC	VACCINATIONS - CANINE ADVOCATE	192.95
09/22/2016	163568	003058	CBM FOOD SERVICE	FOOD SERVICE 9/1/16 - 9/7/16 FOOD SERVICE 9/8/16 - 9/14/16	3,226.94 3,527.91 <u>6,754.85</u>
09/22/2016	163569	003110	CITY OF ESCANABA	GASOLINE FOR MARINE PATROL-AUGUST 2016	450.64
09/22/2016	163570	003130	CITY OF ESCANABA	DANFORTH TOWER ELECT- ACCT 1-06-1320-01 INSTALL - TWO METERS/CONDUIT UNDERGROUND	22.22 922.15 <u>944.37</u>
09/22/2016	163571	003240	COOPER OFFICE EQUIPMENT INC.	COPIER MAINT - BIZHUB C253	319.61
09/22/2016	163572	004270	DELTA COUNTY TREASURER	POSTAGE- J IRVING POSTAGE POSTAGE	0.57 1.14 0.57 <u>2.28</u>
09/22/2016	163573	004418	DTE ENERGY	NAT'L GAS -ACCT 4576 021 0002 8	1,228.50
09/22/2016	163574	005063	ESCANABA RADIOLOGY ASSOCIATES	AUTOPSY- EDWARD TROMBLEY-ACCT 5416 13172	77.00
09/22/2016	163575	007005	DONALD GALLAGHER	MEAL REIMB - TRANSPORT 9/16/16	14.62
09/22/2016	163576	008027	HANNAHVILLE TRIBAL COURT	BOND PD BY LAURA BERMUDEZ FOR JESSE RAYM BOND ALYSSA BETH SAGATAW	700.00 250.00 <u>950.00</u>
09/22/2016	163577	010116	JUSTICE DATA SOLUTIONS INC	CONTRACT FOR INTEGRATION WITH CANTEEN	750.00
09/22/2016	163578	012016	LAKESTATE INDUSTRIES	SHREDDING	8.93
09/22/2016	163579	013179	MENARDS	CLEAR SILICONE GARBAGE CAN	23.97 28.88 <u>52.85</u>
09/22/2016	163580	013392	STATE OF MICHIGAN	SEX OFFENDER PAYMENT TO STATE-AUG 2016	90.00
09/22/2016	163581	013559	KATHRYN MORSKI	22 INSPECTION VISITS	946.00
09/22/2016	163582	014210	NORTHERN PLUMBING & HEATING	FOOD GRINDER PARTS	47.10
09/22/2016	163583	015039	OFFICE PLANNING GROUP	CANON IR3225 METER COUNT/USAGE	160.33
09/22/2016	163584	016013	PREIN&NEWHOF	100% DESIGN CONSTRUCT INSPECTION COMPLET OIL CHANGE	990.60 61.60
09/22/2016	163585	016088	PIONEER QUICK LUBE - 23		
09/22/2016	163586	017010	QUILL CORPORATION	OFFICE SUPPLIES OFFICE SUPPLIES	175.90 16.99 <u>192.89</u>
09/22/2016	163587	018074	RENT-A-MAID INC	COMMERCIAL CLEANING - SEPT 2016	1,440.92
09/22/2016	163588	019033	SAULT TRIBAL COURT	BOND TRAVIS MUNOZ	350.00
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09/22/2016	163591	019168	KELLY SMITH	MILEAGE/MEALS/BRIDGE REIMB - 9/12-9/15/1	244.75
09/22/2016	163592	019196	STANDARD ELECTRIC COMPANY	DIAPHRAGM FOR JAIL TOILETS	105.84
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09/22/2016	163594	020045	TELNET WORLDWIDE INC	PHONE - ACCT: CORP-000861 PHONE - ACCT: CORP-005103	950.54 140.69

6

Check Date	Check	Vendor	Vendor Name	Description	Amount
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				PHONE - ACCT 482996167-00001	1,200.49
					514.82
					<u>1,715.31</u>
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09/22/2016	163601	DLQ TAX	R E AUSTIN	OVERPAY 00818600700	11.26
09/22/2016	163602	PROS MISC	MELISSA DAVID	WITNESS FEE	6.00
09/22/2016	163603	PROS MISC	CANDACE FOSTER	WITNESS FEE/MILEAGE	46.80
09/22/2016	163604	PROS MISC	NATHAN GARTLAND	WITNESS/MILEAGE FEE	35.00
09/22/2016	163605	PROS MISC	KIRSTA KEBSCHULL	WITNESS FEE	6.80
					<u>25,929.62</u>
					0.00
					<u>25,929.62</u>

FIRST TOTALS:

Total of 39 Checks:
 Less 0 Void Checks:

Total of 39 Disbursements:

7

Delta County Travel Expense Voucher

Employee: David Rivard 18116

Date: August 2016

Date	0-3 hrs	3-6 hrs	over 6 hrs	Meeting	Meals/Other	Comments	Mileage
08/02/2016	X			Board			8
08/03/2016	X			Building and Grounds			12
08/03/2016		X ³⁰		Parks		Meeting in Cornell District property	95
08/04/2016	X			CUPPAD		Road safety program	8
08/08/2016	X			Other		Escanaba Township board	8
08/09/2016		X		Road Commission		Workshop and regular meeting	8
08/16/2016		X		Road Commission		Work shop / reg meeting	8
08/17/2016	X			Other		By phone/ Marquette North care board	0
08/18/2016	X			Other		Governors 21st infrastructure meeting	8
08/18/2016	X			Other		Lunch with the governor	8
08/18/2016	X ¹⁰			Other		Fair board meeting	0
08/22/2016	X			Other		Meet with Ed McBroom	8
08/23/2016		X		Road Commission		Workshop in regular meeting	8
08/24/2016	X			Other		Meet with mayor of Escanaba	12
08/25/2016	X			CUPPAD			8
08/26/2016	X			UPCAP			16
08/30/2016	X			Other		Meet with Tom Casperson/Ed McBroom	12
08/31/2016	X			Other		Boxed in presentation The college	8

270 135

235
126.90

Need phone bill ending 9/1/16.

I hereby certify that all items of expense included in this statement were incurred in the discharge of authorized official business, that the amounts are correct, and that they represent proper charges against the County.

SIGNED: 

TOTAL PER DIEM 101-101-710.002: 405.00
 TOTAL MILEAGE 101-101-860.001: 126.90
 TOTAL PHONE 101-101-850.000: 35.00
 OTHER: _____

GRAND TOTAL: 566.90

411
126.90

Delta County Travel Expense Voucher

Employee: Patrick Johnson 10091

Date: August 2016

Date	0-3 hrs	3-6 hrs	over 6 hrs	Meeting	Meals/Other	Comments	Mileage
08/18/2016	X			Other		Gov lunch in	16
08/18/2016	X			Other		Tour el&s railroad	4
08/23/2016	X			Landfill			14

8/18/16	X ¹⁰			other Board	Gov Infrastructure cont.	14
8/16/16	X			Board		14
8/2/16	X			Board		14
8/17/16	X			mtg work		14

Need ¹³⁰ phone bill ending 9/1/16.

76
41⁰⁴

I hereby certify that all items of expense included in this statement were incurred in the discharge of authorized official business, that the amounts are correct, and that they represent proper charges against the County.

SIGNED: 

AP
76⁰⁴

TOTAL PER DIEM 101-101-710.002:	<u>130.00</u>
TOTAL MILEAGE 101-101-860.001:	<u>41.04</u>
TOTAL PHONE 101-101-850.000:	<u>35.00</u>
OTHER:	<u> </u>
GRAND TOTAL:	<u>206.04</u>

Delta County Travel Expense Voucher

Employee: Patrick Johnson 10091

Date: July 2016

Date	0-3 hrs	3-6 hrs	over 6 hrs	Meeting	Meals/Other	Comments	Mileage
07/05/2016	X			Board			14
07/07/2016	X			MI Works			0
07/11/2016	X			Airport			24
07/14/2016	X			Finance			21
07/15/2016		X		Other		Upeda	330

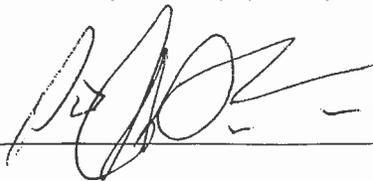
80 35

389
210⁰⁶

Need phone bill ending 8/1/16.

I hereby certify that all items of expense included in this statement were incurred in the discharge of authorized official business, that the amounts are correct, and that they represent proper charges against the County.

SIGNED: _____



AP
245.06

TOTAL PER DIEM 101-101-710.002:

115.00

TOTAL MILEAGE 101-101-860.001:

210.06

TOTAL PHONE 101-101-850.000:

35.00

OTHER:

GRAND TOTAL:

360.06

11



GET TOUGH ON CRIME WITH A BIGGER & BETTER JAIL DESIGN



B2

WHY? PUBLIC SAFETY

- CURRENT OVERCROWDING PUTS YOUR FAMILIES AT RISK
- LAST TWO YEARS, 100+ INMATES RELEASED EARLY
- NEW JAIL EQUALS LESS CRIMINALS ON THE STREET

LOCATION?

- DELTA COUNTY SERVICE CENTER PROPERTY. LOCATED ACROSS FROM BAY PINES DETENTION CENTER. OWNED AND OPERATED BY DELTA COUNTY

COST?

- .85 MILS, AVERAGE HOME OWNER \$33.82 PER YEAR, \$2.81 PER MONTH

VOTE "YES" NOVEMBER 8TH FOR A SAFER COMMUNITY

PAID FOR BY THE CITIZENS FOR COMMUNITY SAFETY

CITIZENS FOR COMMUNITY SAFETY

URGE YOU TO VOTE

YES

NOVEMBER 8TH

-ENDORSED BY THE DELTA COUNTY DEMOCRATIC PARTY

-ENDORSED BY THE DELTA COUNTY REPUBLICAN PARTY

-ENDORSED BY DELTA/SCHOOLCRAFT COMMUNITY LABOR COUNCIL



United States
Department of
Agriculture

Forest
Service

Hiawatha National Forest
Rapid River-Manistique RD Rapid
River Office

8181 US Highway 2
Rapid River, MI 49878
906-474-6442

File Code: 1950
Date: August 30, 2016

B4

Dear Friends and Neighbors;

Enclosed you will find a package of information related to the Camp Cooks Integrated Resource Management Project proposal. The proposal identifies our current need to improve certain resource conditions on the Hiawatha National Forest, and outlines the management actions we propose to accomplish this. The proposal is also available on our website at <http://www.fs.usda.gov/projects/hiawatha/landmanagement/projects>.

I am now seeking public participation to further refine this proposal and to determine potential issues and alternatives to the proposal which we will analyze in an environmental assessment. We will initiate a scoping period starting with the date of publication of a legal notice in the Escanaba Daily Press, the newspaper for the Rapid River/Manistique Ranger District.

The decision for this project will be subject to the objection process pursuant to 36 CFR 2 18.5. Your participation in this project by commenting now will afford you the right to object to the project's proposed decision which will follow the release of the environmental assessment. For your comment to be considered timely under 36 CFR 218.5, it must be received by October 3, 2016. Comments are most valuable if they are within the scope of the proposed action, specific to the proposed action, have a direct relationship to the proposed action, and include supporting reasons for me to consider in the environmental assessment and my subsequent decision.

If you wish to reference scientific literature in your scoping response letter, a copy of the entire reference you have cited must be included, as well as a rationale as to how you feel it is pertinent to the project. This will allow me to fully evaluate your comment. If I do not receive a copy of the literature I may not be able to consider it in my decision.

Our preferred format for receiving comments is electronically. You can email comments to the Comment Analysis and Response Application (CARA) database at: <https://cara.ecosystem-management.org/Public//CommentInput?Project=49255>.

Alternatively, you may send hard copy comments to me at:

Joanne M. Sanfilippo
District Ranger, Rapid River/Manistique Districts
USDA Forest Service, Hiawatha National Forest
8181 US Highway 2
Rapid River, MI 49878

You can also fax your comments to me at: (906) 474-9122. Office hours for those who wish to hand deliver comments are 8:00 a.m. to 4:30 p.m., Eastern Time, Monday through Friday (except for Federal holidays).



Submitting your input during this 30-day scoping period will ensure that you remain on the mailing list for this project. If you do not wish to submit comments at this time, but would like to receive future information on this project, please contact the project leader at the information below.

An electronic version of the environmental assessment will be posted on the Forest website when it is available. There will be an opportunity to comment on the draft environmental assessment, scheduled for completion during spring of 2017.

Additional information on the proposal can be obtained from:

Matt Dickinson, West Zone NEPA Planner
(906) 387-2512 ext.16 (voice) or (906) 341-3514 (TTD)

It is my hope that after you review the enclosed documents and maps, you will have time to share your thoughts. Together, we will develop projects that contribute to the Hiawatha's goals and objectives, while benefiting local communities and our natural resources.

Thank you for your interest in the Hiawatha National Forest. I look forward to hearing from you.

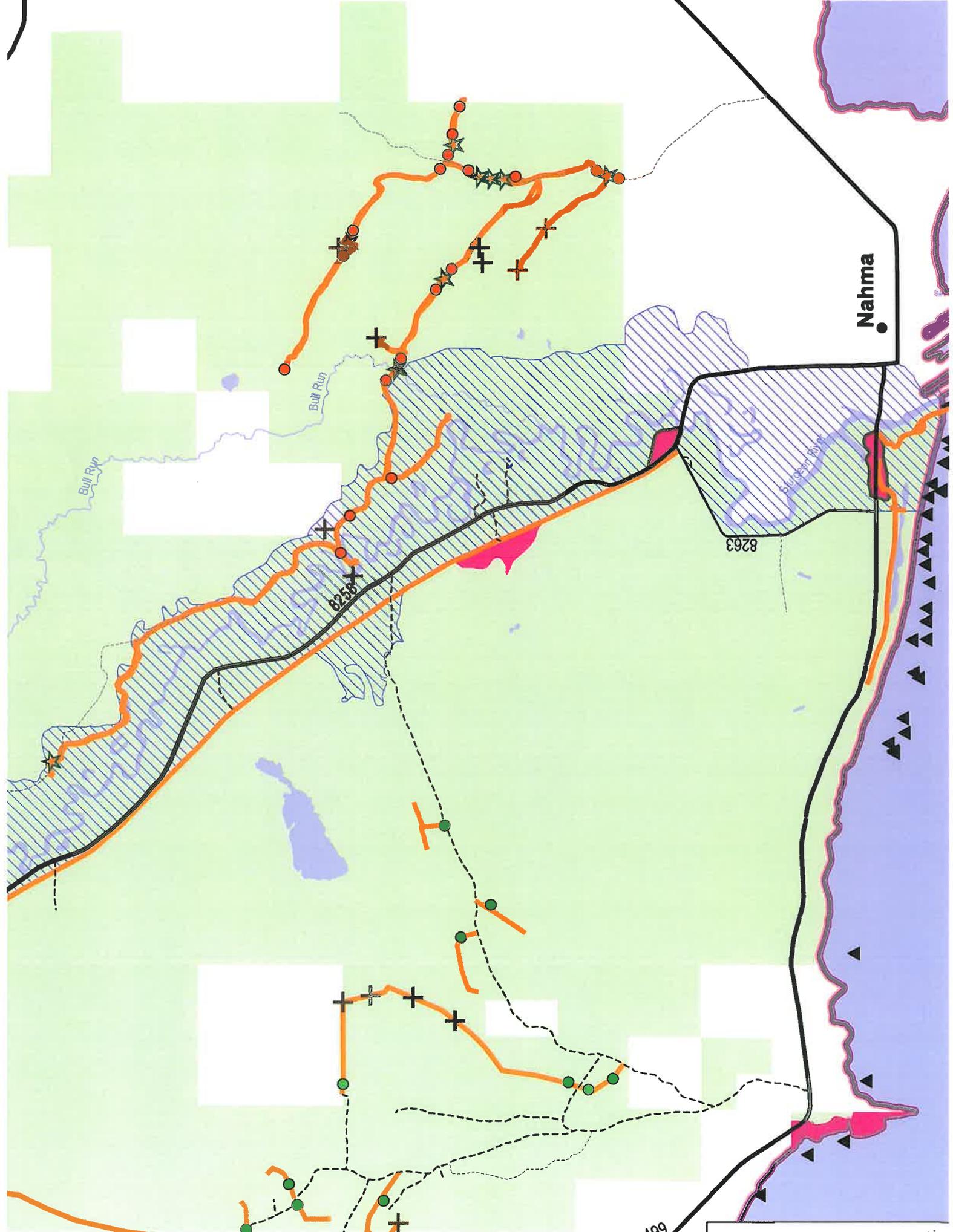
Sincerely,



for

JOANNE M. SANFILIPPO
Rapid River-Manistique District Ranger

Enclosure



Camp Cooks Integrated Resource Management Project

Rapid River and Manistique Ranger Districts
Hiawatha National Forest
Delta and Schoolcraft Counties, Michigan

Contents

Introduction	3
Overview of the Analysis Area	3
Purpose and Need & Proposed Actions.....	4
Vegetation Management.....	4
Fire and Fuels.....	11
Botany and Non-Native Invasive Plants	13
Recreation	15
Water, Soil and Aquatic Habitat	30
Transportation.....	33
Wildlife	36
Design Criteria Common to All Action Alternatives.....	41
How to Comment and Timeframe	51
Contact Person.....	52
Attachments	52
References	52

Figure 1: Vicinity Map.....	3
Figure 2: Moss Lake Motorcycle Trail.....	16
Figure 3: Example of steep hill climbs found on the trail.....	17
Figure 4: Example of wet areas found along the trail.....	18
Figure 5: Example of a sustainable trail.....	18
Figure 6: Location and extent of the illegal OHV trails within the Powerline/Railroad Corridor, Nahma Marsh and Bull Run areas.....	20
Figure 7: Location and extent of the illegal OHV trails within the Archambeau Creek area.....	21
Figure 8: Location and extent of the illegal OHV trails within the Chicago Lake area.....	22
Figure 9: An illegal ATV trail in the Bull Run Creek Area.....	23
Figure 10: A user-made wetland crossing in the Bull Run Creek Area.....	24
Figure 11: A user-made bridge crossing the Bull Run Creek.....	25
Figure 12: OHV traversing a segment of the trail, and the depth of the wet ruts.....	25
Figure 13: Proposed gate locations on Murphy Creek and Big Spring-Baldy Lake Snowmobile Trails.....	28
Figure 14: Proposed gate locations along the Big Bay de Noc and Nahma Grade Snowmobile Trails.....	29
Table 1. Suited areas by ELT for each MA analysis area.....	6
Table 2. Forest-wide vegetation composition needs, based on 4/20/2016 ForIST run.....	7
Table 3. Silviculture Proposed Actions summarized by treatment type (ordered by acreage)....	8
Table 4. Proposed action summarized by treatment and existing vegetation type (ordered by acreage).....	8
Table 5. Silviculture Treatment Descriptions.....	10
Table 6: Pollinator Planting Areas.....	15
Table 7: Camp Cooks Proposed Road Work Summary.....	35
Table 8: Road Densities in management areas affected by Camp Cooks EA Analysis area.....	35
Table 9: Design Criteria Common to All Action Alternatives.....	41

Introduction

This scoping document contains information intended to inform the public of the activities proposed in the Camp Cooks Project. The objective of this letter is to provide you with information about this analysis area and to request your comments on the proposal. You are receiving this information because you have expressed an interest in receiving information on resource management related projects on the Hiawatha National Forest or are a landowner near or within the analysis area.

Overview of the Analysis Area

The northern boundary of the Camp Cooks analysis area begins about twenty-five miles south of Munising, Michigan; the southern portion of the analysis area begins on Lake Michigan near the community of Nahma; the eastern boundary is near Cooks, Michigan, while the western boundary of the analysis area begins about 10 miles east of Rapid River, Michigan, as displayed in Figure 1.

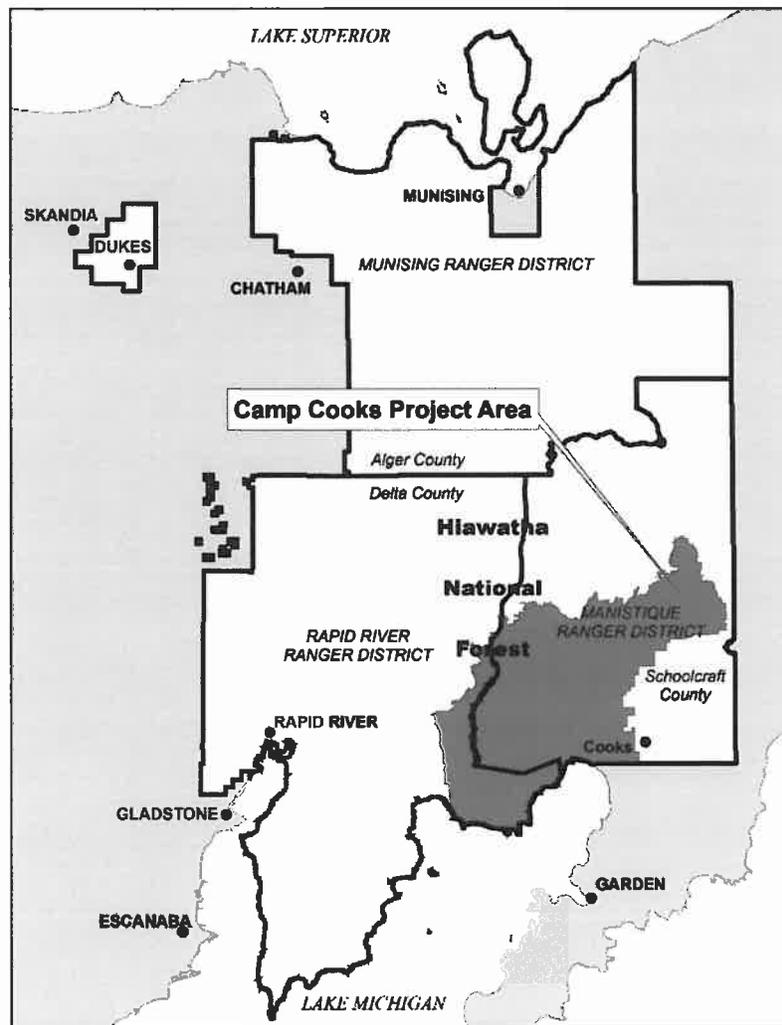


Figure 1: Vicinity Map

The analysis area is located within the following legal description: Schoolcraft County, Michigan, Township (T) 43N, Range (R) 17W, Sections 21-22, 27-28, 32-33 and 34; T42N, R17W, Sections 2-24, 28-31; and Delta County, Michigan, T42N, R18W, Sections 7, 9-36; T41N, R18W, Sections 1-36; T42N, R19W, Sections 11-15, 21-29, 32-36; T41N, R19W, Sections 1-5, 7-36; T40N, R19W, Sections 1-12, 15-22, 27-29; T41N, R20W, Sections 13, 24-25, 36; T40N, R20W, Sections 1-2, 11-12, 13-14, 23-24.

The analysis area encompasses approximately 97,000 acres. The attached maps show the locations of proposed actions that are described in detail below.

The Forest Plan provides objectives, management direction, and desired condition for large areas of the HNF called management areas (MAs). Management direction in the Forest Plan in the form of standards and guidelines, both forest-wide and MA-specific, apply to all proposed activities within the analysis area.

Additional information for all of the MAs in the analysis area can be found in the Hiawatha National Forest Land and Resource Management Plan (Forest Plan, Chapter 3). The Forest Plan is located at: <http://www.fs.usda.gov/detail/hiawatha/landmanagement/planning/?cid=STELPRDB5106336>.

Purpose and Need & Proposed Actions

Vegetation Management

Silvicultural Treatments

Purpose and Need

The purpose of vegetation management on the Hiawatha National Forest (HIF) is to move the forest toward the desired condition, as described in the HIF 2006 Forest Plan (hereafter referred to as “Forest Plan”). That is, to provide a diverse, productive, healthy and sustainable forest that is resilient to natural and human-caused disturbances. Non-native invasive species should be at low levels and not alter ecosystem processes. Vegetation composition and structure should provide plant and animal species habitats, timber products and settings conducive to recreation activities (Forest Plan, p. 2-10).

The Forest should contribute to the health of soils and water resources and should have a diverse mix of species, tree sizes and tree species (hardwoods and conifers). Within-stand diversity should be maintained or increased. Forest stands should provide habitat for wildlife species that require temporary openings or closed canopy and open understory in later years. Vegetation should allow contribution to a sustained yield of timber and pulpwood products (Forest Plan, p. 2-10).

Management direction is specific to Management Areas (MAs) across the Forest (Forest Plan, p. 3-1). Details are provided in chapter three of the Forest Plan. A summary is included below for the predominant management areas within the Camp Cooks analysis area boundary: MAs 1.2, 4.2, 4.5, and 8.3. While there will be a mix of forest types and uses other than vegetation management and timber harvesting in each MA, this summary emphasizes the focus of each MA as related to vegetation management.

In MA 1.2, there is a focus on managing aspen in a manner that provides age diversity. A mix of aspen, hardwoods and conifers should be managed to provide diversity for a variety of wildlife species. In Camp

Cooks, mature aspen stands provide an opportunity to regenerate young aspen stands, providing habitat for deer and grouse, as well as fiber production for the regional economy (Forest Plan, p. 3-5).

In MA 4.2, there is a focus on managing conifer forests to provide timber products to the regional economy and to manage conifer for wildlife habitat (Forest Plan, p. 3-11). In Camp Cooks, red pine plantations are the dominant forest type of stands with treatment proposals; hardwood stands and other types are also proposed. There are needs and opportunities in these stands to reduce stocking, improve growth, vigor and form, increase or maintain in-stand diversity, and/or create conditions favorable to regeneration.

In MA 4.5, there is a focus on managing older forest habitat for wildlife and providing conifer sawlogs to the regional economy (Forest Plan, p. 3-17). In Camp Cooks, overstocked red pine and hardwood stands are proposed for treatment in order to reduce stocking, improve growth, vigor and form, increase or maintain in-stand diversity, and/or create conditions favorable to regeneration.

In MA 8.3, there is a focus on supplying forest products to the regional economy and managing for older, secluded forests that provide remote habitats. Harvest operations should be of small scale and short duration. In Camp Cooks, red pine and aspen are the predominant forest types with treatment proposals, for purposes of regeneration and/or improvement. The proposed treatments are consistent with MA 8.3 intent, to provide diversity in forest structure and composition, and patches of early seral (represented by Aspen and jack pine) species to provide wildlife habitat (Forest Plan, p. 3-40).

Vegetation Goals

Vegetation goals for the HIF are measured by seral and size class, in areas broken down by MA (management area) and ELT¹ (ecological land type). Vegetation goals apply to areas that are suited for timber production (Forest Plan). The dominant MA/ELT combinations in the Camp Cooks analysis area are: MA 1.2, ELTs 30, 40/50/90, and 60; MA 4.2, ELTs 30 and 40/50/90; MA 4.5, ELT 10/20; and MA 8.3, ELTs 10/20, 30, and 60 (project file, V1). Highlighted in Table 1 below, these areas are the focus of discussion for needs regarding vegetation composition for Camp Cooks, as well as for vegetation cumulative effects.

¹ ELT 10/20 - Sandy outwash plains; xeric ecosystems; ELT 30 - Sandy outwash plains and morainal areas with a slightly higher productivity than ELT 10/20; ELT 40/50/90 - Glacial moraines, pitted outwash, bedrock controlled moraines and areas where bedrock is close to the surface; ELT 60 - A transition zone between dry uplands to true wetlands, often occurs at the edge of the outwash plains, but includes the somewhat poorly drained soils on the clay plain landform. Vegetation is highly variable; ELT 70A - Mineral soil wetlands; ELT 70B - Mineral soil wetlands supporting vegetation indicative of higher pH (>5.5) or basic soil conditions; ELT 80A - Organic soil wetlands with more than 12 inches of wet, acidic (pH<5.5) soil; ELT 80B - Organic soil wetlands with more than 12 inches of wet, basic (pH > 5.5) soil; ELT W - Lakes and Streams

Table 1. Suited areas by ELT for each MA analysis area.

Suited Areas by ELT for each MA in Analysis area, shown in acres							
ELT	1.2	2.3	4.2	4.4	4.5	8.3	Total
10/20	1227	8	709	217	2765	5306	
30	2906	96	5103	4	772	2261	
40/50/90	1766	8	1860	0	183	794	
60	1890	14	686	89	1042	3068	
70A	289	0	245	42	348	2087	
70B	1184	7	158	0	783	1411	
80A	262	0	267	64	150	1389	
80B	1531	11	730	8	2970	2727	
W	0	0	0	0	0	0	
TOT	11056	143	9758	425	9015	19043	49450
Suited areas by ELT for each MA in Analysis area, show in percentages							
ELT	1.2	2.3	4.2	4.4	4.5	8.3	Total
10/20	2%	0%	1%	0%	6%	11%	
30	6%	0%	10%	0%	2%	5%	
40/50/90	4%	0%	4%	0%	0%	2%	
60	4%	0%	1%	0%	2%	6%	
70A	1%	0%	0%	0%	1%	4%	
70B	2%	0%	0%	0%	2%	3%	
80A	1%	0%	1%	0%	0%	3%	
80B	3%	0%	1%	0%	6%	6%	
W	0%	0%	0%	0%	0%	0%	
TOT	22%	0%	20%	1%	18%	39%	100%

Table 2 shows where vegetation composition on the HIF differs from the desired condition described in the Forest Plan (project file, V1). The Forest Plan Implementation Simulation Tool (ForIST) is a seral decoding program that classifies areas of the HIF by ELT and MA, then by seral class and size class. ForIST then compares the current condition of stands in the analysis area to Forest Plan desired conditions in order to determine where changes are needed. Cells indicate a need to increase or decrease (indicated by a + or -) the acres of the seral and size classes on a given ELT. For example, there is a need to increase acres of aspen, size classes 1 and 2, and decrease acres of aspen, size classes 3 and 4, in MA 1.2 on ELT 30. This is a simple example where harvesting older aspen to regenerate young aspen on this type of site would move vegetation composition toward the Forest Plan goals.

Table 2. Forest-wide vegetation composition needs, based on 4/20/2016 ForIST model run

MA 1.2	Seral Classes																										
	Aspen					Jack Pine					Mid-Seral					Late-Seral											
Size Class →	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5							
ELT																											
30	+	+	-	-									+	+	+					+				+			+
40/50/90	+	+	+										+	+										+	+	-	-
60	+	+	+	-																				-	+		
MA 4.2	Seral Classes																										
	Aspen					Jack Pine					Mid-Seral					Late-Seral											
Size Class →	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5							
ELT																											
30			-			-	-						+	+	+	-	-	+	+								
40/50/90													+	+										-	+	+	
MA 4.5	Seral Classes																										
	Aspen					Jack Pine					Mid-Seral					Late-Seral											
Size Class →	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5							
ELT																											
10/20			-			+	+								+					+						+	
MA 8.3	Seral Classes																										
	Aspen					Jack Pine					Mid-Seral					Late-Seral											
Size Class →	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5							
ELT																											
10/20		-	-	-		+	+													+				-	+		
30	+	+	-	-									+		-	-	+	+								+	
60	+	+	+	-									+							+				+	+		

It is important to note that the needs for increases and decreases shown in Table 2 are based upon Forest-wide figures. Figures are also available for the analysis area. In all cases, the project-wide needs are the same as those shown for Forest-wide, or are already within the Forest Plan goals for vegetation composition (project file, V1). Also note that the ForIST tool over-represents size class 4 and under-represents size class 5 in many cases. Size class 5 is represented by stands that have 30 square feet of basal area or more in trees 18” or larger. ForIST codes stands having an average of 18” as size class 5.

Proposed Actions

Silvicultural treatments are summarized and described in Table 3 through Table 5 and displayed on Maps 1 and 2.

Table 3. Silviculture Proposed Actions summarized by treatment type (ordered by acreage)

Treatment Type	GIS Acres	# of Stands
Even-Aged Treatments	4466	194
Coppice Cut	1742	77
Shelterwood Cut	1537	64
Clearcut	1130	50
Seed Tree Cut	57	3
Combination Treatments	2042	68
Patch Clearcut	1000	33
Coppice Cut/Combo	666	23
Clearcut/Combo	365	11
Seed Tree Cut/Combo	12	1
Intermediate Treatments	1945	78
Thinning	3456	103
Improvement	1027	37
Timber Stand Improvement	899	40
Thin / Prescribe Burn	19	1
Other Treatments	269	16
Non Commercial	217	12
Salvage / Sanitation	52	4
Uneven-Aged Treatments	3530	92
Individual Tree Selection	3530	92
Grand Total	15708	551

Table 4. Proposed action summarized by treatment and existing vegetation type (ordered by acreage)

Treatment and Existing Veg (Grouped)	GIS Acres	# of Stands	Treatment and Existing Veg (Grouped)	GIS Acres	# of Stands
Combination Treatments	2042	68	Uneven-Aged Treatments	3530	92
Quaking aspen	561	9	Sugar maple-beech/yellow birch	1095	31
Balsam fir-aspen/paper birch	379	17	Mixed upland hardwoods	995	18
Bigtooth aspen	295	13	Red maple (dry site)	839	28
Jack pine	260	10	Northern hardwoods-hemlock	230	5
Aspen-white spruce/balsam fir	139	6	Sugar maple	126	2
Paper birch	133	1	Beech	76	1
Upland black spruce	92	5	Hemlock	66	1
Mixed upland hardwoods	67	1	Eastern white pine-hemlock	59	2
Mixed swamp conifer	61	3	Eastern white pine	30	2
Red maple (dry site)	34	1	Mixed lowland hardwoods	7	1

Treatment and Existing Veg (Grouped)	GIS Acres	# of Stands	Treatment and Existing Veg (Grouped)	GIS Acres	# of Stands
Open	12	1	Open	7	1
Black spruce	9	1			
Intermediate Treatments	5401	181	Even-Aged Treatments	4466	194
Red pine	3064	96	Quaking aspen	846	27
Red maple (dry site)	442	19	Balsam fir-aspen/paper birch	641	27
Eastern white pine	330	10	Red pine	565	20
Sugar maple-beech/yellow birch	310	6	Jack pine	544	41
Mixed upland hardwoods	267	11	Paper birch	455	10
Mixed lowland hardwoods	233	3	Aspen-white spruce/balsam fir	396	16
Paper birch	167	7	Bigtooth aspen	388	27
Jack pine	138	10	Red maple (dry site)	176	4
Red maple (wet site)	101	3	Mixed upland hardwoods	125	4
White spruce-basalm fir	80	2	Eastern white pine	112	5
Eastern white pine-hemlock	77	2	Black ash-American elm/red maple	71	1
Bigtooth aspen	68	2	Open	41	3
Aspen-white spruce/balsam fir	43	1	Lowland shrubs	30	2
Jack pine-oak	27	1	Northern red oak	22	2
Balsam fir-aspen/paper birch	14	2	Upland black spruce	21	1
Hemlock	12	1	Mixed lowland hardwoods	12	1
Northern hardwoods-hemlock	11	1	Balsam poplar	11	1
Mixed pines	7	1	Mixed pines	4	1
Open	4	1	Black spruce	3	1
Oak-aspen	4	1			
Red Pine	3	1			
Other Treatments	269	16	Other Treatments (cont'd)		
Aspen-white spruce/balsam fir	126	5	Paper birch	18	2
Quaking aspen	44	3	Balsam fir-aspen/paper birch	8	1
Mixed lowland hardwoods	36	1	Eastern white pine	6	1
Bigtooth aspen	30	3			

Prescribed burning (broadcast burning, underburning, and pile burning) could be used as a follow up treatment in all Jack pine, Jack pine-oak, Mixed pines, Paper birch, Red pine and Upland black spruce stands receiving treatment.

Table 5. Silviculture Treatment Descriptions

Treatment Type	Treatment Description
Even-Aged Treatments	
Coppice	Regeneration of aspen, primarily; possibly small amounts of birch and other species. Most trees in the stand are cut, producing an exposed microclimate for development of a new age class. Most regeneration is from sprouts or root suckers. A minor (less than approximately 10% of full stocking) live component is retained for reasons other than regeneration.
Two-aged Shelterwood	Removes roughly one-half of standing trees, leaving those needed for regeneration and shelter of mid-tolerant species. Prepares the seed bed and creates a new age class in a moderated microenvironment. An "establishment and removal" harvest means that the residual overstory will remain indefinitely, while understory trees are released and/or naturally regenerated. These treatments result in a two-aged condition, often a diverse, patchy, mosaic.
Clearcut	Most trees in the stand are cut, producing an exposed microclimate for the development of a new age class. A minor (less than approximately 10% of full stocking) live component is retained for reasons other than regeneration.
Seed-tree	Removes trees except those needed for purposes of seed production. Prepares the seed bed and creates a new age class in an exposed microenvironment. A minor (less than approximately 10% of full stocking) live component is retained for reasons other than regeneration.
Patch or Combination Treatments	
Patch Clearcut	A type of clearcut where patches are clearcut within an individual stand boundary. The "non-patch" areas are not treated. This type of treatment is proposed primarily in stands that are noted as lynx denning habitat, or are adjacent to same. Also in stands where only a portion would be treated due to steep slopes or adjacent water bodies.
CoppiceCombo	Stands are proposed for a combination of coppice and clearcut, shelterwood, improvement, thinning, or individual tree selection.
ClearcutCombo	Stands are proposed for combination of clearcut and shelterwood or thinning.
Seed-treeCombo	Stands are proposed for a combination of seed-tree and shelterwood.
Intermediate Treatments	
Thinning	An intermediate treatment to reduce stand density, to improve growth and diversity.
Timber Stand Improvement (TSI)	Non-commercial treatment typically used to release regeneration from competition (using brushsaws) or to prune regeneration (using hand pruners) to prevent disease problems.
Improvement	Intermediate treatment for immature hardwood stands. Removes less desirable trees (by form or species), resulting in improved composition and/or quality.

Uneven-Aged Treatments	
Treatment Type	Treatment Description
Individual Tree Selection	An uneven-aged regeneration method that removes selected trees in all size classes, more or less uniformly throughout a stand, creating or maintaining a multi-aged structure. Promotes growth of remaining trees and regeneration of seedlings.
Group Selection	An uneven-aged regeneration method in which trees are removed and new age classes are established in small groups. The width of groups is commonly approximately twice the height of the mature trees with smaller openings providing microenvironments suitable for tolerant regeneration and larger openings providing conditions suitable for more intolerant regeneration. Individual trees within the matrix may or may not be harvested to provide improved growing conditions for remaining trees.
Other Treatments	
Non-Commercial	Possible non-commercial treatment in aspen stands to regenerate aspen for habitat purposes.
Salvage	An intermediate treatment that removes dead trees or trees damaged or dying because of injurious agents other than competition, to recover economic value that would otherwise be lost.
Sanitation	An intermediate treatment that removes trees to improve stand health by stopping or reducing the actual or anticipated spread of insects, disease, or non-native invasive species.
Planting	Planting could be used as a means of artificial regeneration in areas that have or have not been harvested. Mechanical ground scarification, prescribed burning, or hand-scalping are all methods of site preparation that could be applied for planting or natural regeneration. Hand-scalping is removal of the layer of vegetation, but not the top soil, around a planting site using a hand tool.

Fire and Fuels

Hazardous Fuels Reduction and Restoration Burning

Purpose and Need

Fire-dependent ecosystems comprise approximately 43 percent of the Camp Cooks analysis area. There is a need to mitigate fuel hazards as part of an important strategy for reducing wildfire risk within both fire dependent and independent ecosystems. Preliminary fire behavior modeling shows areas with potential for crown fire conditions, which can lead to uncontrollable wildfires. The overall purpose and need for fuels management is to reduce fuel loading, primarily focusing around human development in fire-prone forest types.

Fire has been excluded or suppressed from the majority of the forest for decades. A need has been identified to restore fire to fire-adapted ecosystems where feasible and appropriate. Although fuels reduction has several objectives, there is an overarching need to enhance ecosystem resiliency and protect public and private resources through the reduction of hazardous fuels.

The proposal would address the following Forest Plan identified desired conditions:

- Provide defensible space on National Forest System (NFS) lands adjacent to communities in the wildland-urban interface that have been identified as having an elevated risk of wildfire, due to hazardous fuel accumulations (Forest Plan, 2-23 and all MAs).

- Reduce the impacts of a potential wildfire to National Forest and community infrastructure (roads, trailheads, and utilities) within NFS lands (FP 2-23, and all MAs).
- Reduce the impacts of a potential wildfire on high-value resources by breaking up the continuity and reducing the accumulation of natural- and activity-fuel build up (Forest Plan, 2-23 and all MAs).
- Accumulations of natural and activity fuels are treated to enhance ecosystem resiliency and to maintain desired fuel levels (FP 2-23).
- Prescribed fire mimicking natural fires is used as a tool to establish regeneration in these types where appropriate (Forest Plan, 2-10).
- The Forest has a reduced risk from catastrophic wildland fire due to healthy forests and increasing resiliency to the effects of wildland fires (Forest Plan, 2-23).
- Prescribed fire is present on the landscape, restoring or maintaining desirable plant community attributes, processes and functions. (Forest Plan, 2-23)

Proposed Actions

Hazardous Fuels Reduction

On approximately 8,704 acres, mechanical removal of vegetation with ground-based machinery, such as those used in timber harvesting/contracting, and/or hand-cutting with chainsaws would be used to reduce fuel loading levels and change the fuel model profile (i.e. vertical arrangement of fuels or “Ladder Fuels”) to reduce potential fire behavior. In addition to these mechanical treatments, prescribed burning (broadcast burning and pile burning) may also be used to achieve resource objectives and to reduce fuels (See Maps 1 and 2). The general descriptions of prescribed burning treatment types are as follows:

Broadcast Burning – The act of applying fire to a specific geographic space (unit) across its entire surface to treat material within. The material within each unit may be partially or fully manipulated by human activity (either mechanical treatment with harvesting equipment or by hand with chainsaws or other hand tools) or be in a natural state prior to fire application. Material within each unit may be partially or fully consumed by fire during broadcast burning depending on the site specific treatment objectives. Both human made and naturally occurring (barren soil, rivers, lowland swamp, residual snowpack) firelines could be used around the perimeters of broadcast burn units. Most broadcast burn units used a combination of fireline types to keep fire in desired locations during implementation.

Pile Burning – The act of burning piled material generated through mechanized or hand-treatments. Piles may be associated with silvicultural activities, fuel reduction efforts, broadcast burn preparation or habitat improvement work. Piles may be created by hand or machine and vary in size depending on the type of treatment conducted.

Restoration Burning

Prescribed fire would be used to reduce fuel loading levels, to promote regeneration of desirable species, and improve overall ecosystem health and vigor in identified stands. About 2,626 acres of prescribed fire for restoration is being proposed (See Maps 1 and 2). In some restoration burning units, low severity broadcast burning is being proposed to reduce understory conifers and other hardwood species and enhance old-growth red pine stands. In other restoration burning units, the same treatment would be used to enhance oak and birch stands being encroached on by other hardwood species. Both human made and naturally occurring (barren soil, rivers, lowland swamp, residual snowpack) firelines could be used around the perimeters of or within restoration burn units.

The primary benefits of this treatment are to re-introduce fire into fire adapted ecosystems and reduce the likelihood of a large scale, severe wildfire occurring in this area and potentially spreading to adjacent non-NFS lands. This includes upland areas within the unit that contain stands of jack pine using fire in their natural regenerative process as well as lowland areas that contain small openings and shrub communities that will benefit from fire by reducing conifer encroachment. The primary treatment will be conducted with a combination of hand and aerial ignition methods. The main objective is to create a mosaic of fire effects on the landscape by implementing under proper environmental conditions and differing times of the year.

Some hand cutting, piling and burning of material may also be used in preparation of broadcast burning implementation.

Botany and Non-Native Invasive Plants

Limit the spread of non-native plants

Purpose and Need

The spread of existing non-native invasive plant (NNIP) infestations needs to be limited and the future introduction and spread prevented by treating NNIP within this analysis area.

The proposal would limit the spread of NNIP to address these Forest Plan identified desired conditions:

- Emphasize NNIP species are at low levels and do not alter ecosystem processes (Forest Plan, p.2-10).
- Undesirable NNIP species will be excluded or at least kept from spreading on the Forest (Forest Plan, p.2-10).
- NNIP are eliminated or controlled within known federally-listed threatened or endangered or Regional Forester Sensitive Species (RFSS) plant locations (Forest Plan, p.2-17).
- Reduce the impacts from NNIP by restoring the forest's health in order to be resilient to the effects of invasive plants and other pests (Forest Plan, 2-22).

Proposed Actions

Treat known (see Maps 5 and 6) and potential future NNIP infestations as identified below. Herbicide treatment would only be used where appropriate such as along roadsides or within gravel pits.

Manual control methods may include use of dead-heading, digging out roots, hand-pulling or use of lopping shears. Mechanical methods can include mowing at peak time to remove blooms thus reducing seed source, using a motorized weed whip to cut phragmites or using a propane weed torch to scorch green leaves.

An approved herbicide would be used to control NNIP infestations where manual or mechanical means would be cost-prohibitive or result in excessive soil disturbance or other resource damage. Typical use of an herbicide treatment would occur along roadsides or within gravel pits. Transline, a Clopyralid dicot specific herbicide, is the primary approved chemical control used on the West Zone to treat spotted knapweed and burdock. However, monitoring has shown it is ineffective for treating NNIP St. Johnswort, therefore, Milestone, an aminopyralid non-selective herbicide with proven tolerance to native grasses and many shrubs and forbs for controlling infestations of St. Johnswort, would be used in the analysis area.

Known NNIP infestations:

- Treat NNIP within known federally-listed threatened or endangered or RFSS plant species occurrences. RFSS downy sunflower is being impacted by St. Johnswort and spotted knapweed within the analysis area.
- Treat NNIP introductions associated with Moss Lake Single Track Motocross trail, in particular spotted knapweed infestations at the trailhead parking lot.
- Treat Forest road crossings using a variety of methods including manual removal, mechanical removal or use of herbicide. Forest road crossings associated with ATC, Enbridge and Trans Canada (Great Lakes Gas) utility corridors have NNIP of concern infestations, such as spotted knapweed, St. Johnswort and purple loosestrife. Crossings with NNIP concern include Forest Roads 2054, 2413, 2754, 2756, 2674, 2673, 2672, 2407, 8150, 8110, and 2676.
- Treat non-native phragmites growing in Lake Michigan by cutting with a brush saw or lopping shears in order to drown the root system. Phragmites, in bloom, should be dead-headed prior to this mechanical treatment. Cut stems should be burned (see also wildlife proposed actions for restoring piping plover habitat). One population is known to occur between Indian Point west and east beach area.
- Treat Japanese barberry shrubs within the analysis area by removing the entire plant and burning. If plant removal is not an option because of size, Transline or Garlon 3A will be applied to the cut stem. After the shrub dies it will be burned to prevent re-establishment. Barberry is known to occur in Sandtown, Indian Point beach area and within Lower Sturgeon River cRNA. A large infestation of Japanese barberry occurs on private lands adjacent to the cRNA and Sturgeon River that will require working with partners to see if control measures can be applied.
- Treat existing NNIP populations within A - Frame gravel pit and its access route prior to restoration.

Potential future NNIP infestations:

- Treat new NNIP introductions along approximately 209 miles of roadsides resulting from gravel placement and creation of disturbed soil conditions from road reconstruction, new roads and temporary road development. This equates to slightly less than one acre per mile of roadsides where potential NNIP infestations may occur and would require some form of treatment to prevent spread (See proposed transportation actions).

Restore Native Plant Ecosystems

Purpose and Need

There is a need to restore some native plant communities within the analysis area, including the Alvar community where isolated prairie species such as RFSS downy sunflower and Lower Sturgeon River cRNA are being impacted by past management actions, off-highway vehicles (OHVs) causing erosion of soils, trampling and crushing of RFSS plants and NNIP introduction and spread. Approximately half of the analysis area is within a fire dependent ecosystem that provides critical habitat for a suite of RFSS fire dependent plant species such as Canada rice grass.

The purpose of this proposal is to restore native plant ecosystems as addressed in the Forest Plan goals for Vegetation Management (pp. 2-10, 1.,2.,3) and meet critical needs for pollinator habitat establishment and restoration and Forest Plan (2006) goals for MA 8.1, Candidate and Research Natural Areas (pp. 3-35 to 3-37).

Proposed Actions

- Use prescribed burning to restore relic prairie openings, in particular an RFSS downy sunflower site, and reintroduce fire as a tool to mimic natural fires to reduce woody shrubs encroaching on relict prairie openings and to improve regeneration of native plant species.
- Restore areas impacted by illegal OHV use within native plant communities, in particular illegal OHV impacts within Lower Sturgeon River cRNA, segments off Moss Lake Single Track Motorized Trail and along Indian Point beach. Direct seeding and planting of plugs using native plant species from HIF would maintain native genetic composition and restore ecosystem function.
- Restore the A Frame gravel pit with HIF native prairie plant species that favor pollinators. Some species, such as blazing star, common milkweed, black-eyed susan and bee balm are already re-establishing in portions of this pit.
- Re-seed or re-plant areas treated for NNIP with native plants associated with that existing plant community type.
- Introduce pollinator species within existing disturbed openings to meet habitat needs for pollinators and provide additional native plant seed orchards to meet future HIF needs. Within this analysis area this includes Lake Michigan back dune habitat at Sandtown, old Nahma sawmill site along Sturgeon River within a cRNA, RFSS downy sunflower site, CR 442 pull out, Alvar community sites in Manistique Compartment 116, Stand 58 and Alvar opening at 2740 and 2231 intersection. See Table 6 for a list of stands proposed for planting.

Table 6: Pollinator Planting Areas

District	Comp/Std	Acres	Comment
1	C-43/44	6.7	Indian Point
1	C-43/45	6.1	Indian Point
1	C-44/43	6.4	Sandtown
1	C-44/58	10.8	Dam at Nahma marsh
1	C-47/40	4.1	Nahma sawmill site
2	C-74/10	39	Opening with big bluestem and other native species.
2	C-93/22	18.3	Alvar opening
2	C-93/85	39.3	Alvar opening
2	C-93/94	9.3	Alvar opening
2	C-111/16	2.5	
2	C-116/58	18.2	Alvar area south FR 2470 and 2231 intersection
2	C-123/64	9.2	Five individual stands make up this stand. Openings are in the Boom Town Deer Yard. Plant milkweed.

Note: Acreages listed represent the size of the opening, small plots within the openings would be planted rather than the entire stand.

Recreation

Reduce erosion at the Moss Lake Motorcycle Trail.

Purpose and Need

The Moss Lake Motorcycle Trail is a 26-mile trail system constructed in 2009 (Figure 2 and Maps 5 and 6). The Michigan Department of Natural Resources (MDNR) funded the environmental analysis and signage for this trail system. Volunteers (the UP Sandstormers motorcycle club) constructed the trail

system by riding motorcycles over the flagged route until the tread was in place. Volunteers continue to perform trail maintenance.

During the 2014 trail condition surveys, the Forest Service trail technician noted approximately 30 segments, totaling approximately 1.5 miles with erosion problems. The erosion is occurring due to steep hill climbs or users trying to avoid wet areas (See Figures 3 and 4).

The purpose of this proposal would be to implement Forest Plan guidance for management areas 1.2 and 4.5 to restrict off-highway vehicle use to occur on designated/posted trails and roads (Forest Plan, pg. 3-6 and 3-18).

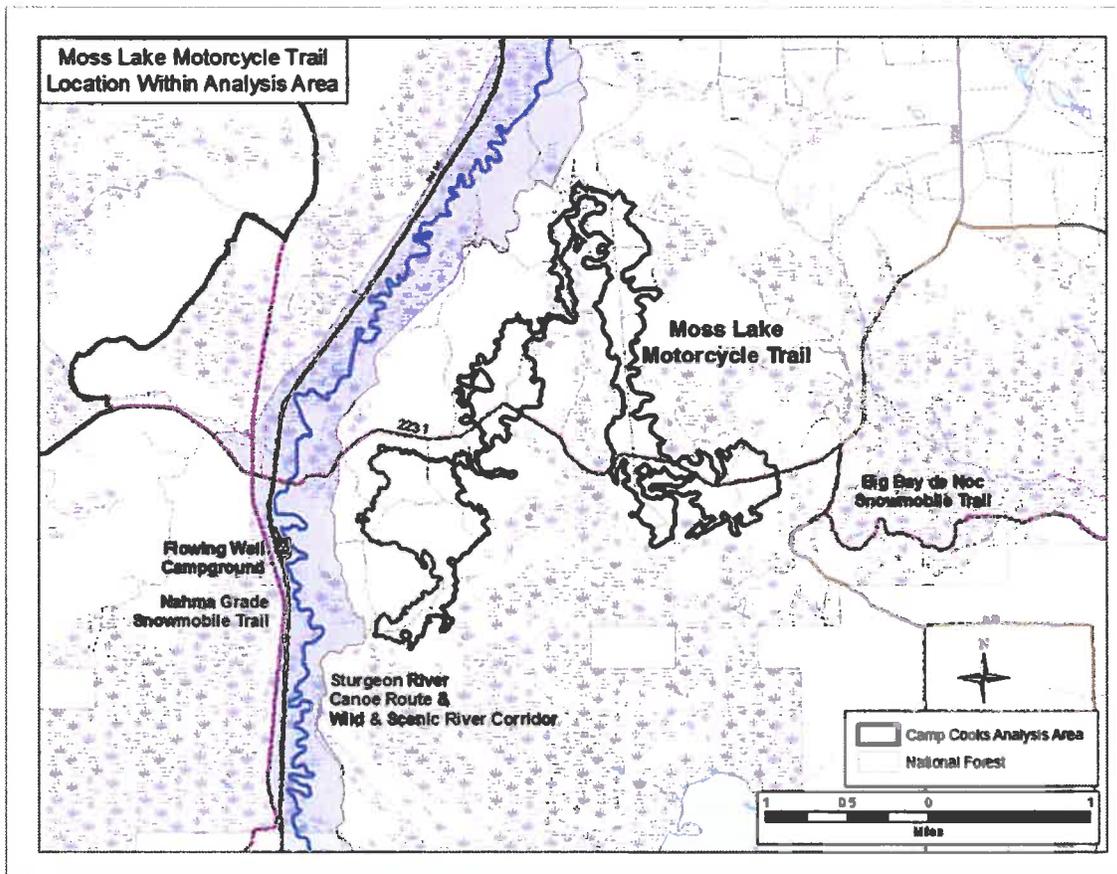


Figure 2: Moss Lake Motorcycle Trail



Figure 3: Example of steep hill climbs found on the trail.

Proposed Actions

- Reroute all areas that traverse through wet areas (see Figure 4). Where possible, reroutes will stay within 200 yards of current trail.
- Replace all eroding hill climbs with bench cut trails that do not exceed 10% slope and use grade reversals (see Figure 5 for example of a sustainable bench-cut trail).
- Use crews to rehabilitate the old trail using hand tools, tree planting, native transplants and seeding.



Figure 4: Example of wet areas found along the trail.



Figure 5: Example of a sustainable trail.

Reduce or Eliminate User Created Motorized Trails

Purpose and Need

There are several illegal trails within the analysis area (see Maps 5 and 6). The trails are located in sensitive areas including wetlands and Great Lakes coastal lands. Increasing illegal use on these trails is negatively impacting hydrologic and ecological function. In accordance with the Forest Plan, cross-country travel by OHVs is prohibited, except in the designated Thunderbowl OHV area (FP 2-25 and Chapter 3, each MA). These illegal motorized trails and routes within the analysis area need to be decommissioned and rehabilitated.

Illegal trail systems are located in the following areas: Archambeau Creek, Lake Michigan Shoreline, Chicago Lake, Bull Run, Old Powerline/Railroad Grade Corridor (adjacent to County Road 497), and Nahma. These illegal trail systems are quite extensive and are described in detail in the following section.

Nahma Area Illegal OHV Network

Currently there are four illegal trail networks meandering through the HIF near the Village of Nahma (See Figure 6 and Map 7).

One trail system is northeast of the village of Nahma, and east of the Sturgeon River. It is referred to as the Bull Run Illegal OHV Trail Network and includes about 6.5 miles of illegal trails.

The second illegal trail system runs along a utility corridor and an old railroad grade running parallel to County Road 497 and is approximately 3.7 miles in length.

The third is northeast of County Road 499, just west of the Nahma Marsh, is referred to as the Nahma Marsh Illegal OHV Trail Network and is approximately 4.7 miles of illegal trail.

The last area is located between County Road 499 and Lake Michigan. OHV users are accessing and then driving along the Lake Michigan shoreline in several locations for a total of 1.3 miles of illegal trails

Archambeau Creek Area

An additional illegal OHV trail network is developing in the Archambeau Creek area, near the southeastern edge of the analysis area. This trail network is comprised of five miles of closed forest roads and user-developed OHV trails. See Figure 7.

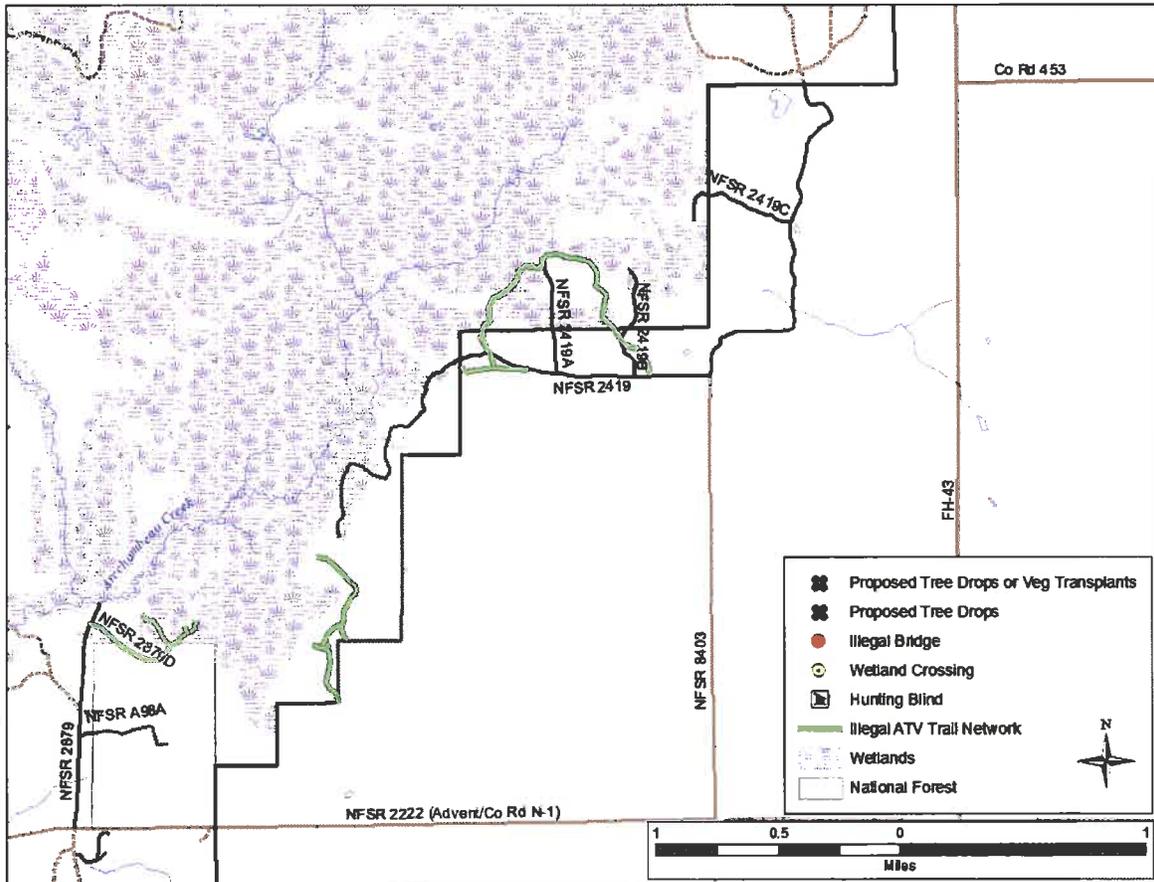


Figure 7: Location and extent of the illegal OHV trails within the Archambeau Creek area.

Chicago Lake Area

Located along the northwestern edge of the analysis area, the Chicago Lake area has two problem areas where OHV damage is occurring. This trail network includes about 1.5 miles of closed forest roads and 1.5 miles of old powerline that is being used to connect forest roads to private property. See Figure 8.

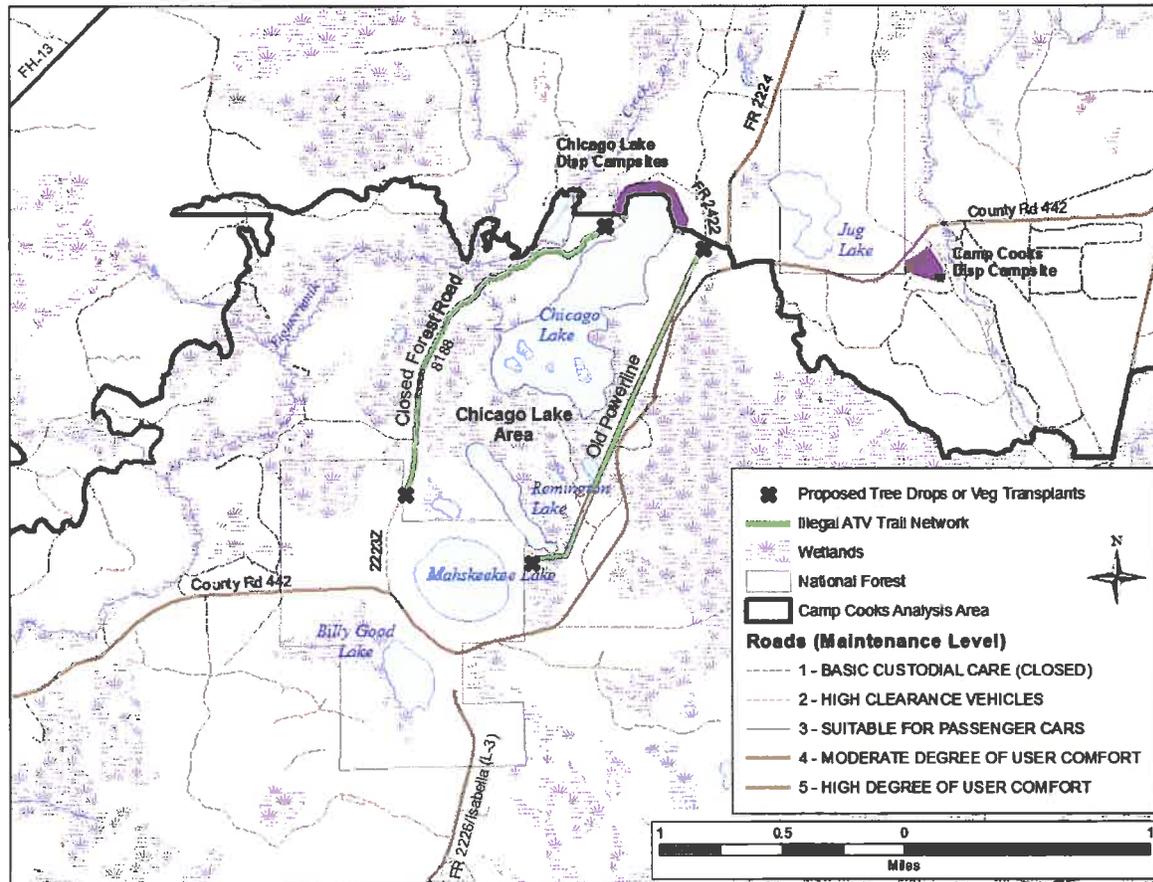


Figure 8: Location and extent of the illegal OHV trails within the Chicago Lake area.

Some of these illegal networks provide access to the HIF for several private land owners and hunters to several illegal permanent hunting blinds (See Figure 8). Several known, hand-made wetland crossings include pallet crossings and user made bridges (See Figure 9 and Figure 10).

The Nahma Marsh, Bull Run, Nahma Powerline/Railroad Corridor, and segments of the Lake Michigan Shoreline meander through portions of MA 4.5, which states that OHV use will occur on designated/posted trails and roads (Forest Plan, pg. 3-18), not user-made trail networks.

Bull Run, Lake Michigan Shoreline, and the Powerline/Railroad Corridor trail networks also wind through portions of the Sturgeon Wild & Scenic River (WSR) Corridor, MA 8.4.4, which was designed to protect the outstandingly remarkable values (ORVs) of the river. Travel routes not necessary to resource management or maintaining the river resource values are to be closed and restored (Forest Plan, pg. 3-71).

A segment of the Lake Michigan Shoreline trail network also falls within MA 8.1. According to Forest Plan (pg. 3-36), motorized use should be prohibited in this MA, except for emergency or administrative situations.

The illegal trail network in the Archambeau Creek Area falls within MA 8.3, where management will retain the remote, secluded setting (Forest Plan, pg. 3-40), and motorized use occurs in this MA, however there are large blocks that remain non-motorized (Forest Plan, pg. 3-41).

A substantial amount of wetland damage is occurring due to the creation of these trail networks (See Figure 10). Cross-country OHV travel is prohibited in all of these areas (Forest Plan, pg. 2-7). There is a need to eliminate OHV access to the Bull Run Creek, Nahma Powerline/Railroad Grade, Nahma Marsh, Chicago Lake, Lake Michigan Shoreline, and Archambeau Creek areas. MDNR grant funds may be available to assist with the closure and rehabilitation of these illegal trail networks.



Figure 9: An illegal ATV trail in the Bull Run Creek Area.

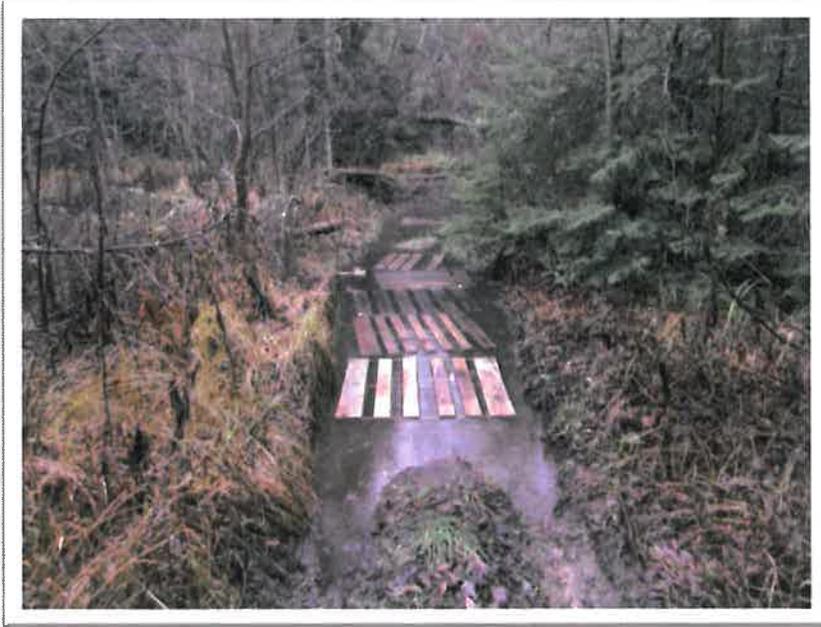


Figure 10: A user-made wetland crossing in the Bull Run Creek Area.



Figure 11: A user-made bridge crossing the Bull Run Creek.



Figure 12: OHV traversing a segment of the trail, and the depth of the wet ruts.

Proposed Actions

- Decommission and rehabilitate illegal trails. Decommissioning may include: earth berms, gates, fences, down trees, tree hinges, tree and sapling transplants, root wads, boulders, scarification & native seeding. Rehabilitation may include: planting live fascines, seeding, plugs, transplants, cuttings, stabilization, and erosion control. (See the 'Reduce Soil and Water Impacts Caused by Roads' section under Water, Soil and Aquatic Habitat for additional proposed actions for trail closure and decommissioning).
- Remove all illegal man-made crossings, bridges and illegal deer blinds.
- Use chainsaws to drop large trees across illegal access points near the private property boundaries. Use large vegetation transplants in areas that are accessible with heavy equipment.

Bull Run:

- Crews will start at the southern access points and work their way north, dropping trees across the trail network at the beginning and end of each wetland crossing.
- Block the two illegal OHV trails that access the Sturgeon Wild and Scenic River using vegetation transplants or tree drops to ensure future illegal access is eliminated.
- Block the south end of NFSR 2210, just south of where it provides access to private property. Use large vegetation transplants that will prevent illegal access via this route.

Nahma Marsh:

- Use large vegetation transplants or tree drops to prevent illegal access to several locations along NFSR 8000, NFSR 2141, and NFSR 8264.
- NFSR 2141B is used to provide illegal access to private property. Use large vegetation transplants or tree drops to prevent illegal access to the east of the private property access road.

Nahma Powerline/Railroad Corridor:

- Use large vegetation transplants or tree drops to prevent illegal OHV access to several locations along the powerline/railroad corridor between County Road L-13 and US-2.
- NFSR 8258A is used to access the Nahma Marsh Trailhead. Use large vegetation transplants or tree drops to prevent illegal access to the north and south of the access road.
- Install gates or large boulders to prevent illegal OHV access via NFSR 2141, 8219, and County Road L-8/ NFSR 8264.

Lake Michigan Shoreline:

- Use large vegetation transplants, tree drops or boulders to prevent illegal access via County Road 499 to the fragile Lake Michigan Shoreline. See also proposed action under Piping Plover Habit Improvement.

Archambeau Creek Area:

- Use large vegetation transplants or tree drops to prevent illegal access to several locations along NFSR 2419, 2419A, 2419B, 2419C, 2626, 2879, and 2879D.
- Remove all illegal man-made crossings, bridges and illegal deer blinds.

Chicago Lake Area:

- Use large vegetation transplants or tree drops to prevent illegal access to the closed NFSR 8188, and the closed portion of NFSR 2682 (just beyond Chicago Lake Campsite 1).
- Use large vegetation transplants or tree drops to prevent illegal access to the eastern side of Chicago Lake via an old, decommissioned powerline corridor.

Reduce Illegal Motorized Use of Snowmobile Trails*Purpose and Need*

There are several designated snowmobile trails within the analysis area. About 15.25 miles of these trails are located within wetlands or crossing streams and wetland areas. The trails are seasonal and built to withstand regular snowmobile use during winter months while sufficient snowpack is on the ground to protect riparian areas and wetlands from damage. However, very few snowmobile trails have physical barriers to prevent illegal motorized use of the trails during the off season. Increasing illegal motorized use of these snowmobile trails during the spring, summer, and fall is contributing to resource damage to streams, riparian floodplains, and wetlands. The resource damage would be rehabilitated and preventative measures put in place.

Proposed Actions

Install permanent seasonal closures or barriers such as gates on snowmobile trails at locations where motorized access to wetlands and riparian areas during the off season is occurring (see Maps 5 and 6). Informational and/or educational signage may also be installed. The following snowmobile trails need protective closures: Big Bay De Noc, Murphy Creek, Big Spring-Baldy and Nahma Grade.

Rehabilitate wetland and riparian resource damage where necessary. Specific gate locations are shown in Figure 12 and Figure 13.

Murphy Creek and Big Spring-Baldy Lake Snowmobile Trails (Figure 12)

- Use live tree transplants, earth berms, or boulders to block access from illegal OHVs beyond the gates on the Big Spring-Baldy Lake Snowmobile Trail south of NFSR 2417.
- Install two additional gates south of NFSR 2417 to prevent OHVs from accessing wetlands along the snowmobile trail during the snow-free season.

- Install five gates on the Murphy Creek Snowmobile Trail north of NFSR 2417, blocking access to wetlands from illegal OHV use.

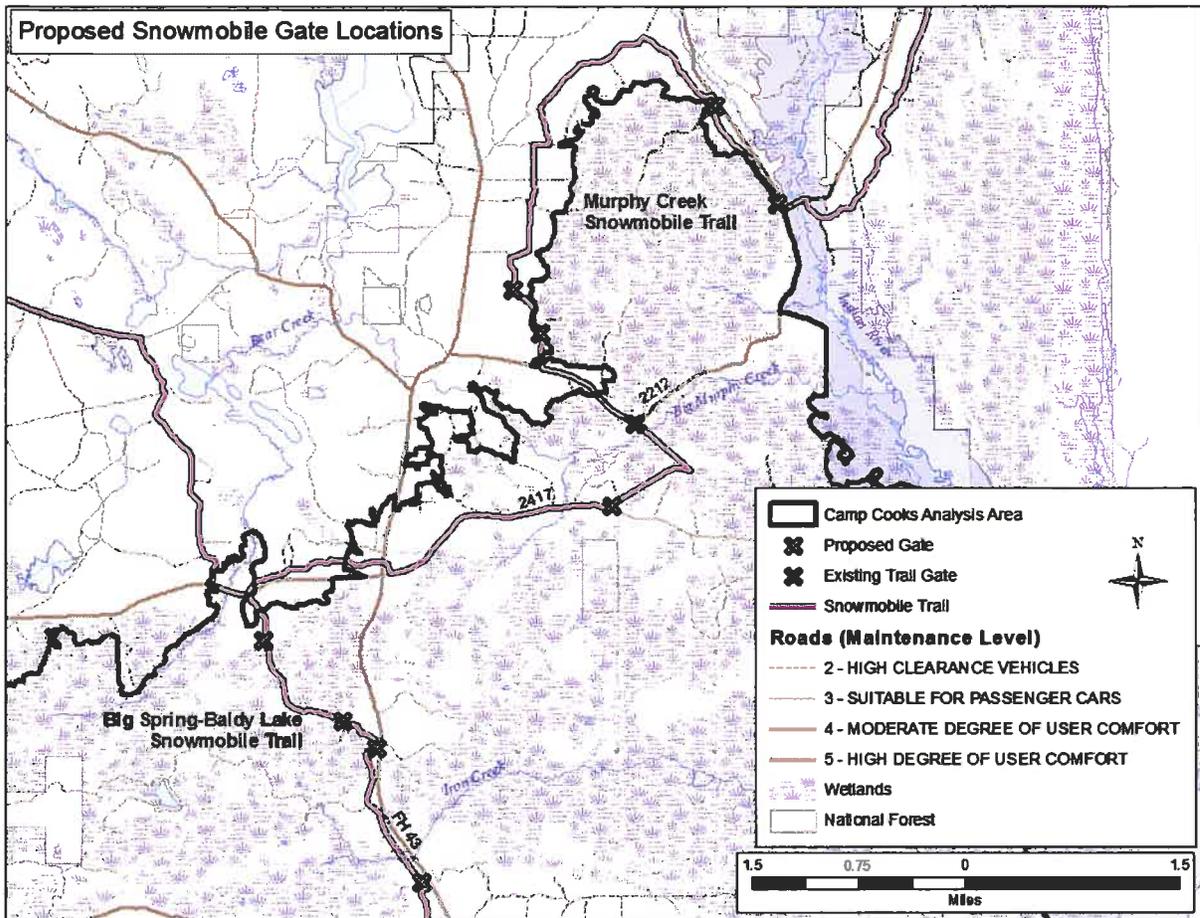


Figure 13: Proposed gate locations on Murphy Creek and Big Spring-Baldy Lake Snowmobile Trails.

Nahma Grade Snowmobile Trail (Figure 13)

- Install one gate on the Nahma Grade Snowmobile Trail south of NFSR 2897, blocking wetlands from illegal OHV use. Install two gates, one on either end of the trail segment between NFSR 2231 and US-2.
- Use live tree transplants, earth berms, or boulders to improve the current ineffective gate.

Big Bay De Noc Snowmobile Trail (Figure 13)

- Install four gates at road crossings and at access locations on the Big Bay de Noc Snowmobile Trail, blocking wetlands from illegal OHV use.

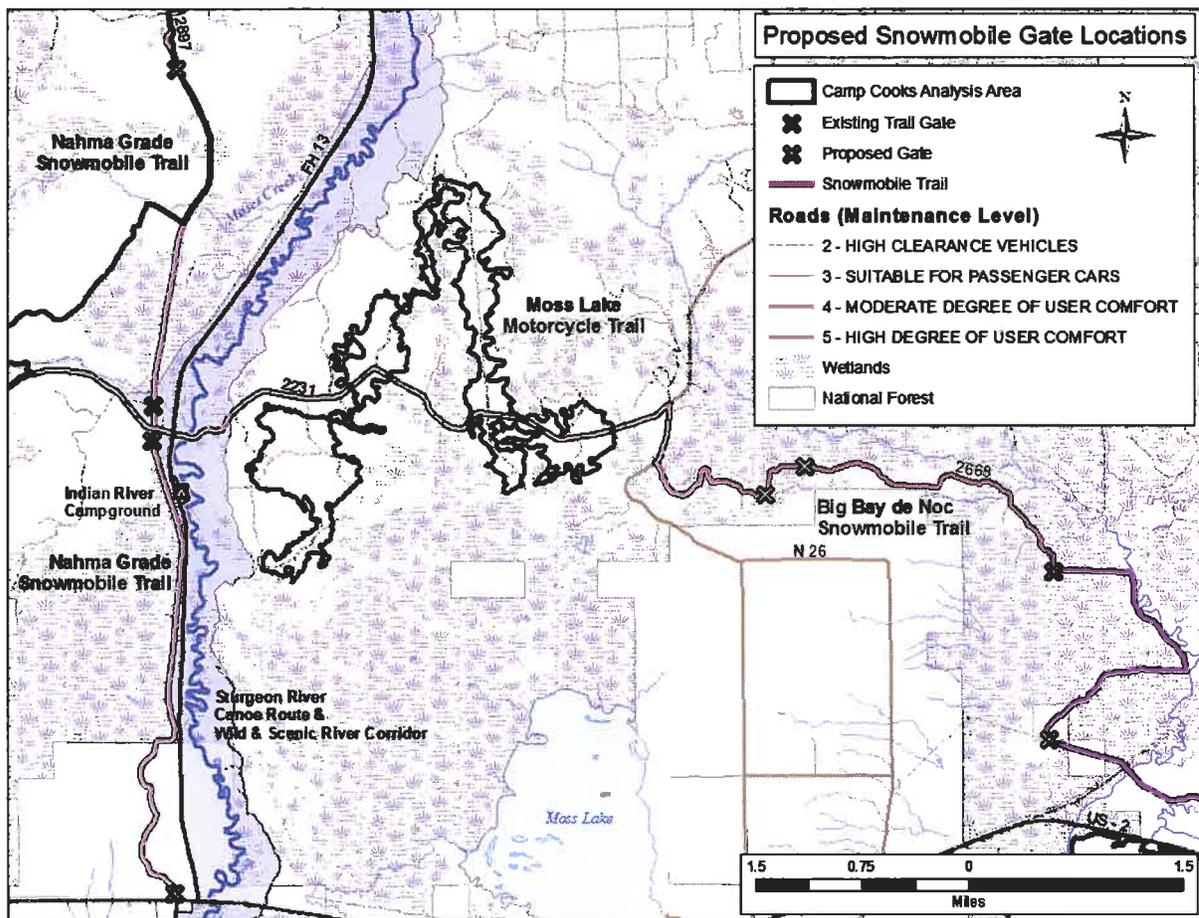


Figure 14: Proposed gate locations along the Big Bay de Noc and Nahma Grade Snowmobile Trails.

Water, Soil and Aquatic Habitat

Improve Riparian Structure

Purpose and Need

For well over 30 years, the HIF has installed thousands of feet of log bank cover along streams and rivers to stabilize eroding banks and to provide wood habitat for salmonids. These structures need to be maintained and holes need to be repaired.

Proposed Action

Pull jack pine stumps from proposed clear-cut units to repair existing log bank cover structures in cold water streams across the Westside of the HIF. Stumps would be pulled shortly after cutting and before the sites are prepared for planting or natural reforestation and staged at the nearest landing or two-track. An excavator would pull 200-300 small jack pine stumps from clear-cut units. Stumps would be used to fill in gaps in existing cover structures. Stumps would then be covered with sand and sod capping to repair structures.

All fisheries project proposals are a collaborative effort with the MDNR.

Sediment Reduction to Streams

Purpose and Need

Road closures and decommissioning within riparian areas will alleviate many sources of sediment delivery. However, a few locations were observed that will require additional restoration beyond the proposed actions specified in the Transportation section.

Proposed Actions

See Maps 5 and 6 for locations of these proposed actions.

- Fish Dam River - Stabilize and restore multiple gullies formed from drainage culverts on the Fish Dam River along FS-2222A.
- Murphy Creek – Stabilize gully and redirect snowmobile trail culvert flow away from the stream.
- Sturgeon River – Stabilize very large eroding bank at dispersed recreation site at the end of FR – R934.

Sediment Basins and Spoil Piles

Purpose and Need

Sediment basins have been maintained on the HIF for several decades. However, after many years of excavation and heavy equipment operations, many sediment basins are exhibiting streambank erosion, channel widening, and have many NNIP species. Additionally, many of the spoils piles now have a high NNIP cover. Many of the sediment basins are in need of streambank stabilization, riparian restoration, and NNIP treatment.

This proposal would comply with the Forest Plan standard that stream habitat improvement projects will be designed to preserve or enhance natural stream processes and to stabilize channel morphology (Forest Plan, p. 2-14). The Forest Plan guideline directs that long-term maintenance of in-channel sediment basins should not occur where the same results can be achieved by other methods (Forest Plan, 2-14).

Proposed Actions

See Maps 5 and 6 for locations of these proposed actions.

- Stabilize streambanks using bioengineering and natural-appearing techniques such as transplants, live fascines (bundles of live sticks such as willow or dogwood), rock and large wood or root wad placement at sediment basins with channel widening and where erosion is occurring at seven sediment basins in the analysis area.
- Treat adjacent riparian areas and spoils piles for NNIP using hand treatment and/or approved herbicides.

Reduce Soil and Water Impacts Caused by Roads

Purpose and Need

The analysis area has roads located within wetlands (ELTP 70 & 80) and riparian floodplains. Many of these roads are no longer maintained or are damaging resources (e.g. erosion, sedimentation, and rutting) in wetland and riparian areas. In accordance with the Forest Plan, roads causing resource damage should be decommissioned (Forest Plan, 2-25). There is a need to decommission and rehabilitate degraded roads to a more natural condition.

Field visits (Roseman and Goss 2015) indicated that approximately 60-80% of the Operational Maintenance Level (OML) 1 roads (see Transportation section for definitions of OML) are currently open to vehicular traffic and are noncompliant with the Forest Service Handbook (FSH 7709.62.33, 2009) and Forest Plan (Forest Plan, p. 2-25). Approximately 95% of the open OML 1 roads are contributing to resource damage to wetlands or riparian floodplains. There is a need to close OML 1 roads where regular vehicle use is negatively impacting wetlands and riparian areas.

Proposed Actions

See Table 7 for mileages of proposed road actions and Maps 5 and 6 for specific locations.

- Decommission and rehabilitate roads. Decommissioning may include: earth berms, gates, fences, down trees, tree hinges, tree and sapling transplants, root wads, boulders, scarification & native seeding. Rehabilitation may include: planting live fascines, seeding, plugs, transplants, cuttings, stabilization, and erosion control.
- Close and rehabilitate OML 1 roads that cross riparian areas and wetlands using a method that will permit intermittent use in accordance to the Road Management Objective (e.g. gates, put in storage with a berm after treatment). If the road provides the only access to private property work with the landowners to resolve the problems.

Additional Proposed Actions for All Roads and Trail Closures and Decommissioning:

- Methods, structures, design, and materials will vary on a site-by-site basis for decommissioning, closures, and rehabilitation to roads, trails, and other illegal routes within the analysis area.
- Barriers may extend, and materials for implementation may be obtained within a distance of 100 feet on either side of the specified road, trail, route, or gate. Well-constructed barriers extending outward of 100 feet should decrease breaches and increase effectiveness of the proposed actions.
- Additional restoration and rehabilitation (e.g. live fascines, seeding, plugs, transplants, cuttings, stabilization, and erosion control) will be necessary along road and trail segments where resource damage is so severe that it is incapable of natural vegetation recovery within a single growing season.

- Additional signing may be required on the trail to warn travelers of the approaching gate and at trail access locations to inform users of the motorized use restrictions.
- When obliterating roads, remove bridges, culverts and fill material from streams, floodplains and wetlands to re-establish natural drainage and to restore wetlands (Forest Plan, pg. 2-14).

Stream Crossings and Road Culverts

Purpose and Need

Many road stream crossing structures within the analysis area have outlived their life expectancy and are in need of replacement. Several of the stream culverts have erosion, are undersized, or are perched creating physical and hydrological barriers for fish and other aquatic organisms. There is a need to replace or improve undersized and failing stream culverts.

The analysis area also has several fords contributing to large sediment deliveries to streams. The fords are also problematic for timber operations as hauling logs or heavy equipment is prohibited across any ford without a DEQ permit regardless of the time of year in which the operations occur (Forest Plan p. 2-15; MBMPs 2009). There is a need to improve or remove fords within the analysis area.

Finally, an old wooden bridge on FR2222 is contributing to an excessive amount of sediment to the Fish Dam River. There is a need to reduce the sediment delivery to this cold water stream to protect aquatic habitat. The bridge also has weight restrictions that are problematic for road grading and hauling operations.

The proposal would move toward the Forest Plan objective to improve road and trail crossings of streams and wetlands (as needed), to facilitate flow, sediment transport and/or passage of aquatic species (Forest Plan, p. 2-13). It would also comply with the following Forest Plan Standards and Guidelines (Forest Plan, p. 2-14):

- Wetland roads or trail crossings will preserve cross drainage.
- Stream and river crossings should be designed to span an area one foot wider than bankfull width, maintain channel morphology, accommodate the peak flood flow (100 year in most cases) plus debris and bed load, and allow for aquatic fauna passage (FSHB 7709.56-2014-1, PG. 20 OF 21, 65.3-Design Requirements for Aquatic Passage). Culvert replacement or removal should be designed using concepts and practices of Stream Simulation: An Ecological Approach to Providing Passage for Aquatic Organisms at Road-Stream Crossings (US Forest Service Stream Simulation Working Group 2008).
- The number of road and trail stream crossings should be minimized (Forest Plan, p. 2-14).

Proposed Actions

See Maps 5 and 6 for locations of these proposed actions.

- Replace undersized and failing stream culverts using Stream Simulation Design (USDA Forest Service 2008) to restore natural hydrological function and provide passage for aquatic organisms.
- Remove all culverts on roads proposed to be decommissioned. Culvert removals on streams use stream simulation design to restore the channel to a proper functioning natural state.
- Other road culvert removals should be restored to the natural drainage pattern.
- Improve or remove fords to reduce sediment delivery to streams.

- Sites with a proposed action of “Culvert Improvement” would require engineering consultation to determine if corrections can be made to the culvert through wing wall placement or augmentation, rip-rap, or other forms of erosion control and stabilization.

Transportation

Purpose and Need

There is a need to provide a safe, efficient, and effective transportation system that supports both public and administrative uses while ensuring that management of the system promotes resource protection.

The current road density for some MAs is above the maximum allowable guidelines in the Forest Plan (Forest Plan, p. 2-26).

The analysis area contains Operational Maintenance Level 1 (OML 1) roads identified in prior decisions to be closed that were never implemented. There is a need to close these roads to meet the intent of those prior decisions.

Several roads were not found during field visits and their future use needs to be addressed.

OML levels of some roads in the analysis area do not meet the needs of the current use.

In addition to the stream crossing culverts addressed in the Water, Soil and Aquatic section above, there are culverts needed on temporary and new roads to protect water quality. The analysis area also contains existing culverts that are in poor condition or do not meet current design and size requirements. These culverts need to be replaced with properly designed structures.

This proposal addresses the following Forest Plan goals (Forest Plan, pp. 2-25 and 2-26):

- Provide a high quality and efficient transportation system, while eliminating unnecessary roads and reducing the cost of road maintenance.
- To maintain road density at or below the maximum levels outlined in the Forest Plan for each Management Area (MA).
- To provide access for numerous uses including proposed timber sales.
- To minimize impacts to resources.

Proposed Actions

Transportation proposed actions are displayed on Maps 3 and 4.

Table 7 summarizes the proposed transportation management actions. These actions would improve the transportation system, allow management to occur, and reduce resource damage. Existing roads needed to access the proposed treatment areas would be reviewed for maintenance needs.

National Forest System Roads are organized according to Operational Maintenance Levels (OML):

- OML 1- Basic Custodial Care (Closed to Vehicular Traffic)
- OML 2- High Clearance Vehicles
- OML 3- Suitable for Passenger Cars
- OML 4- Moderate Degree of User Comfort
- OML 5- High Degree of User Comfort

Reconstruction is proposed where work is necessary to repair or restore a road to its management objective. This work could include brushing, limbing, clearing and grubbing, roadbed reshaping, placing aggregate, replacing culverts, and providing adequate intersections and turnarounds. Reconstruction may also include horizontal and vertical realignment to improve sight distance, and construction of turnouts.

Temporary road construction and turnaround construction would occur where road access would be necessary for proposed management activity but where permanent roads are not needed for future management. All temporary roads would be obliterated upon completion of vegetative management activities. At a minimum, obliterating temporary roads would include removing culverts, eliminating ditches, out-sloping roadbeds, removing ruts and berms, establishing drainage control (water bars), and removing fill. Temporary roads may be further obliterated by site preparation during revegetation or use would be discouraged by piling slash and stumps on the abandoned roadway.

New system road construction would take place where ongoing access would be required. All new permanent system roads constructed would be OML 1, intermittent service, for administrative use only. These roads would be closed to public vehicular traffic when not in use for timber harvest or other management activities.

Decommissioning or decommissioning after use is proposed for roads no longer needed for administrative purposes, if they are showing signs of resource damage due to motorized vehicles, or if the road provides access to an area receiving resource damage from motorized vehicles [Forest Plan, p. 2-25; Travel Management Policy (TMP), p. 5]. Road decommissioning may include removing culverts, eliminating ditches, out-sloping the roadbed, removing ruts and berms, seeding, tree planting, and stabilizing the roadbed and abandoned roadbed to further discourage motor vehicle use. Some unclassified or user developed roads will be decommissioned if not needed for administrative use or harvest activity. See also proposed actions under Water, Soil and Aquatic Habitat section. Roads not found during field visits would be removed from the roads inventory.

Some culverts will be replaced and/or capacity increased as needed throughout the analysis area. Culverts on ephemeral streams may be replaced in-kind, as needed. Culverts that are undersized and do not meet criteria for meeting bankfull width and aquatic organism passage may be replaced (see Stream Crossings and Road Culverts purpose and need in the Water, Soil and Aquatic Habitat section above). Several types of culverts would be considered during design including box culverts, pipe arches, and bottomless culverts. Materials that would be considered include concrete, aluminum, and steel. Factors such as cost, feasibility, hydraulics, design life, and others would be considered in the selection of culverts. Currently, replacement of culverts on perennial or intermittent streams is not proposed. If it is determined that replacement of such culverts is necessary during the duration of this project, additional analysis would be completed. See also proposed actions under the Water, Soil and Aquatic Habitat section.

One existing bridge within the analysis area would be replaced (see Stream Crossings and Road Culverts purpose and need in the Water, Soil and Aquatic Habitat section above). Several types of replacement structures would be considered during design. Factors such as cost, feasibility, hydraulics, design life, and others would be considered in the bridge design.

Existing roads that are classified as OML-1 are defined in the FSH 7709.59, sec. 62.32 as: "These are roads that have been placed in storage between intermittent uses. The period of storage must exceed 1 year. Basic custodial maintenance is performed to prevent damage to adjacent resources and to perpetuate the road for future resource management needs."

There are about 35 miles of existing OML-1 roads within the Camp Cooks analysis area that should have been closed as directed in previous decision notices. These roads will be closed and placed in storage if it has not already been done.

Table 7: Camp Cooks Proposed Road Work Summary

Activity or Measure	Mileage/Number
Decommission road	31.2 mi
Decommission road after use	35.4 mi
Roads not found (decommission)	8.1 mi
User Created Roads (decommission)	1.45 mi
Reconstruct system road	120.9 mi
Relocation/New construction	4.2 mi.
Convert to Trail	0.5 mi
Temporary Roads	11.3 mi
Turnarounds	15 each
Change OML	7.5 mi
Close Existing OML 1 Roads	35.03 mi
Bridge Replacement	1 each
*Road maintenance is an ongoing activity; some level of road maintenance will take place regardless of this proposed action.	

Table 8: Road Densities in management areas affected by Camp Cooks EA Analysis area.

Management Area	Forest Plan Maximum Road Density (miles/mile ²)	Existing Road Density (miles/mile ²)*
1.2	3	2.85
2.3	4	5.0
4.2	4	2.89
4.4	4	3.67
4.5	2.5	1.60
8.1	1	1.09
8.3	2	2.06
8.4.1	Not Specified	4.0
8.4.4	Not Specified	6.84*

*the high road density in MA 8.4.4 is due to there being only 0.041 mile² (26.3 acres) in the analysis area.

Wildlife

Piping Plover Habitat Improvement

Purpose and Need

Piping plover habitat along Ogontz Bay was marginal due to a small dune system and encroaching vegetation, but had successful nesting of plovers from 2005-2010. At the present time the water level is high, and the shoreline no longer contains conditions suitable for piping plover nesting. The Federal Recovery Plan for piping plover targeted the species to be recovered by 2010 with 150 pairs. In 2015 the pair count was 71 pair (U.S. Fish and Wildlife Service, 2003).

NNIP treatment occurred from 2007-2014 to remove marsh thistle, spotted knapweed, white sweet clover, purple loosestrife, and phragmites. Non-native and native *Phragmites* patches have been identified along the beach at Indian Point by the Superior Watershed Partnership in 2013 mapping as part of a Coastal Program agreement with the U.S. Fish and Wildlife Service. Approximately eight acres of *Phragmites* has been mapped along Ogontz Bay in the vicinity of Indian Point.

There are illegal trails leading ATV's onto the beach where piping plover have nested in the past (see figure 5 and Map 6).

The purpose of this proposal is to restore conditions for piping plover habitat by reducing or eliminating NNIP, particularly phragmites so that when the water levels are low again, there is suitable habitat for nesting. This may be in conjunction with coastal zone improvements and NNIP/NNIS rapid response. The proposal would also eliminate OHV traffic from traveling along the shoreline through potential nesting areas.

This proposal complies with the following Forest Plan direction:

- Goal for Piping Plover: Nesting habitat is improved by providing nesting structures and controlling non-native invasive species (Forest Plan, p. 2-19).
- Known active piping plover nest sites will be protected with area closures and predator control if necessary (Forest Plan, p. 2-19).
- Signed federal recovery plans for Threatened and Endangered Species will be implemented (Forest Plan, p. 2-17) NNIP within element occurrences of threatened and endangered and RFSS should be eliminated or controlled (Forest Plan, p 2-17).
- Known active piping plover nest sites will be protected with area closures and predator control if necessary (Forest Plan, p. 2-19);
- Threatened and Endangered and RFSS Species-Adverse impacts to known occurrences of RFSS should be avoided, minimized or mitigated (Forest Plan, p. 2-17) and
- For all Threatened and Endangered species, special closure orders may be used to protect known breeding areas, nests and denning sites (Forest Plan, p. 2-17);
- Great Lakes and Inland Lake Access section- Roads will be closed to OHVs unless designated open (Forest Plan, p.2-7) and
- Cross-Country travel by OHV is prohibited except in the designated OHV area (Forest Plan, p. 2-7);

- Transportation section- Existing roads should be decommissioned and obliterated where not contributing to management objectives or where other feasible alternatives exist (Forest Plan, p. 3-37).

Proposed Actions

See Maps 5 and 6 for locations of these proposed actions.

- Treat phragmites as identified under the NNIP proposed actions on approximately 8 acres along Ogontz Bay.
- Remove marsh, Canada and bull thistles by hand-pulling prior to seeding. This work will need to be conducted annually for at least 5-8 years.
- Close illegal OHV trail along Lake Michigan Shoreline.
- Rehabilitate illegal OHV trails by planting native seed and plugs as needed to rehabilitate exposed ground.

Enhancing Remote Habitat

Purpose and Need

Management Area 8.3 has a desired condition of providing remote habitat: where management will retain the remote, secluded setting. Older mature forests will provide the isolation needed for wildlife species such as gray wolf, American marten, black bear and Canada lynx, and also includes both vegetation management which will provide diversity in forest structure and composition. Inclusions of early seral species may be present to provide wildlife habitat. Some wetland areas may be managed for wetland associated species. Timber harvest and thinning operations are generally small scale, with infrequent entries and short duration (Forest Plan, p. 3-40).

The purpose of this proposal is to reduce access in areas with management emphasis on seclusion (MAs 4.5 and 8.3). In these MAs the Forest Plan identifies the desired condition as providing older forest habitat for wildlife and wetland plant communities and remote habitat for species requiring seclusion. Desired road density is 2 miles/mile². Existing road density within MA 8.3 within the analysis area is 2.06 mi/mi².

Illegal OHV use has historically occurred within the analysis area. Previous efforts to limit illegal access have been made such as limiting access to Lake Michigan shoreline by road closures at Indian Point in 2006-2007. In addition, OHV closure and rehabilitation work has occurred at Sandtown over the past several years. Any road closures, especially those in MA 4.5, 6.3 and 8.1 and 8.4.1 would benefit wildlife.

Vegetation management in MA 8.3 maintains early successional species (aspen and jack pine) which benefit ruffed grouse, snowshoe hare, small mammals and the species (gray wolf, Canada lynx, snowshoe hare) that prey on these species.

Forest Plan guidance that supports this proposal:

- Roads that are not needed for public or administrative use or are causing resource damage are decommissioned (Forest Plan, p.2-25).
- Road Guideline use should be restricted when conditions would cause damage to the road, structures, other resources and for safety reasons (Forest Plan, p.2-25).
- Forest Roads should be managed per direction contained in the Road Management Objective (refers to miles/square mile densities) (Forest Plan, p.2-25).
- Classified and unauthorized roads that are not needed for long-term access should be decommissioned (Forest Plan, p.2-25).
- The Forest Plan has rationale for conducting vegetation treatments in MA 8.3 and lists Canada lynx as a species its management is to benefit. The Forest Plan contains goals and guidelines for Canada lynx (Forest Plan, 2-18 and 2-19).

Proposed Actions

- Close illegally created OHV trails in addition to reducing the road density especially in Management Areas 4.5. See transportation section for specific locations (Maps 3 and 4) and miles of roads and recreation section for location of illegal trail closures (Maps 5 and 6).
- Regenerate aspen to provide prey species habitat. See Silviculture proposed action for specific stands and acres (Maps 1 and 2).

Enhancement of Ruffed Grouse and Woodcock Habitat

Purpose and Need

Management Area 1.2 has an emphasis on habitat and hunting opportunities for deer and ruffed grouse and is meant to contain a diversity of age classes of aspen.

The HIF maintains partnership agreements and a settlement agreement with the Ruffed Grouse Society (RGS) to identify opportunities for aspen regeneration in riparian habitat along the non-high priority streams where the 100' Michigan Best Management Practices apply and in other riparian or wetland areas that will address habitat needs of breeding and migratory bird species. Currently there is a RGS funded project in the analysis area (Nahma Marsh Tag Alder Regeneration) that was completed in 2016.

The purpose of this proposal is to move towards desired conditions identified for MA 1.2 to maintain age class diversity in aspen (Forest Plan, pp.3-25 to 3-27) and to enhance habitat for resident and migratory wildlife species (Forest Plan, p.2-16).

Proposed Actions

- Non-commercial treatment to regenerate aspen where commercial means cannot be used due to topography or poor access. Acres of treatment are included in the Silviculture proposed actions (see Maps 1 and 2).

- Creation of grouse drumming logs within commercially and non-commercially treated stands.
 - Create one drumming log per acre which assumes there is enough dead and down in the stands for one existing drumming log. A drumming log should be at least 10” dbh and 8 foot long. Boles left due to cull could also contribute to this component where available.
- Strip cutting of tag alder for woodcock (see Map 5)
 - Strip cut 10 acres of tag alder. Alternate cutting strips to create various age classes of tag alder with successive cuts taking place 5 years after the initial treatment. The objective is to cut tag alder at its base to regenerate the tag alder to a younger age class to benefit woodcock and ruffed grouse.
- Remove encroaching vegetation in small openings (less than 3 acres) by cutting brush, mowing vegetation or prescribed burning to maintain an open condition.

Enhancement of Deer Habitat in Obligate Deer Yards

Purpose and Need

In the northern part of the Upper Peninsula (UP) deer migrate to winter deer yards to avoid deep snow conditions and to find thermal cover. In response to the severe winters in 2012-2013 and 2013-2014, the UP Habitat Workgroup, of which the Forest Service is a partner, has begun writing management plans for the obligate deer yards. The mission of the group is improving and conserving UP winter deer habitat by retention of conifer stands with high canopy closure. This reduces snow depths in the winter yards allowing deer easier movement between food sources and better ability to escape predators. A goal is to provide equal amounts of food and thermal cover in the Deer Wintering Complex (DWC) and to especially assist fawns who have gone into the winter with low fat reserves due to their young age.

The analysis area contains two winter deer yards, the Boomhouse and Indian Lake DWCs. The MDNR has provided suggested management for these deer yards in the BoomHouse and Indian Lake DWC Management Plans. The analysis area also contains conditional winter range. The desired condition identified for these deeryards and adjacent uplands is to provide winter thermal cover and browse for deer.

The purpose of this proposal is to provide desired conditions in deer yards by regenerating aspen stands and stands containing an aspen component adjacent to deer thermal cover using silvicultural treatments that retain the conifer component in the stand to provide cover for deer between feeding and thermal cover.

The proposal would implement the following Forest Plan direction:

- Vegetation Management 2600 Guideline: Deeryards and adjacent uplands should be managed to provide winter thermal cover and browse (Forest Plan, p. 2-16)

Proposed Actions

See Maps 5 and 6 for locations of these proposed actions.

- Treat encroaching vegetation in 12 wildlife openings totaling about 83 acres within or adjacent to the DWC to provide herbaceous forage in the spring and fall.

- If regeneration is not sufficient, plant mesic conifers (white pine) for thermal cover- secondary shelter.
- If regeneration is not sufficient in red maple transition stands between uplands and lowlands plant with white spruce, balsam fir, white pine and hemlock depending on the soil types. White pine is preferred where deer numbers are high.
- Regenerate aspen stands through commercial treatment (harvest) where possible, and non-commercial treatment where needed (see silvicultural proposed action for acres).

Improvement of Structural Components of Red Pine Stands

Purpose and Need

Monitoring of red pine timber sales (2011-2012) has shown that red pine stands lack the minimum number of snags and dead and down wood listed in the structural guidelines in the Forest Plan (Forest Plan, p.2-16 and 2-17). To improve the structural component of the stands and provide a benefit to woodpeckers and other cavity nesters, snags need to be created.

The purpose of this proposal is to improve the structural component in the red pine stands. Creating one red pine snag per acre in red pine stands works toward meeting structural goals in the Forest Plan. Red pine stands in the wooded dune and swale topography have not been included due to these areas containing higher numbers of snags and dead and down. This proposal would implement structural guidelines pages for snags and coarse woody debris identified in the Forest Plan (Forest Plan, pp.2-16 and 2-17).

Proposed Actions

Girdle one tree per acre in 41 stands totaling 2,451 acres of mature red pine stands within the analysis area (may include stands that are not treated by timber but are within the analysis area). The following stands are identified for snag creation (see Map 5):

- Compartment 62 stands 7, 10, 25, 33, and 40.
- Compartment 77 stands 42, 45, 47, 49, and 62.
- Compartment 91 stands 1, 20, 23, 28, 29, 31, 32, 39, 40, 49, 50, 51, 52, 53, 54, 55, 57, and 58.
- Compartment 92 stands 2, 6, 9, and 26.
- Compartment 96 stands 1, 4, 5, 11, 13, 43, 49, 52, and 65.

Design Criteria Common to All Action Alternatives

Design criteria were developed to avoid or reduce potential impacts from proposed activities. Unless specifically listed in the description of the alternative, the following design criteria apply to all activities. These Design criteria will be further refined following scoping and will be included in the Environmental Assessment.

Table 8: Design Criteria Common to All Action Alternatives

Camp Cooks Project Design Criteria	Source
Soils and Hydrology	
The state of Michigan "Water Quality Management Practices on Forest Land" (BMPs) would be implemented as a minimum standard for managing forest resources on HIF land.	MDNR/MDEQ, 2009
Stands near wetlands or waterbodies (including intermittent streams) would have a 100-foot minimum buffer, dependent on slope in which cutting may occur, but soil disturbance would be minimized. No roads, skid trails, parking or decking would be allowed within the buffer area.	Sustainable Soil & Water Quality Practices on Forest Land (MDNR/MDEQ, 2009).
Equipment operation (except in emergency operations or where the ground can be appropriately stabilized), will only occur when soils are capable of supporting equipment without incurring detrimental compaction, puddling or rutting.	Sustainable Soil & Water Quality Practices on Forest Land (MDNR/MDEQ, 2009).
Flotation equipment will be used to prevent excessive rutting and compaction of the site during spring thaw and rainy periods.	Sustainable Soil & Water Quality Practices on Forest Land (MDNR/MDEQ, 2009).
Minimize topsoil disturbance and slow overland water flow with slash, construction mats, or use of similar erosion control methods on primary skid trails crossing slopes greater than 10%.	Sustainable Soil & Water Quality Practices on Forest Land (MDNR/MDEQ, 2009).
Avoid wet portions of stands during implementation. When wet soils are found during implementation, local hydrologist/soil specialist will field-verify and delineate a hydric soil boundary. Protective measures, such as use of slash mats, will be required to avoid soil impacts.	Sustainable Soil & Water Quality Practices on Forest Land (MDNR/MDEQ, 2009).

Camp Cooks Project Design Criteria	Source
Heritage	
<p>In accordance with Sections 106 and 110 of the National Historic Preservation Act (NHPA) and the standards, objectives, and goals of the HIF Heritage Program as outlined in the FP, all heritage sites determined eligible for the National Register of Historic Places (NRHP), or whose NRHP status remains unevaluated, will be protected through site avoidance. Sites will be protected through the establishment of a protection zone extending up to 30 meters (100 feet) beyond the boundaries of the site, wherein no earth disturbing activities, including the staging of logs and equipment, will be permitted.</p>	<p>NHPA, Sections 106 and 110</p> <p>USDA Forest Service 2006a, 2-7 to 2-8</p>
Silviculture	
<p>Whole tree harvesting is not permitted where natural regeneration of jack pine is planned. Slash should be left evenly spread throughout the stand to facilitate natural regeneration of jack pine.</p>	<p>USDA Forest Service 2006a, 2-15</p>
<p>Aspen stands proposed for regeneration harvesting (coppice cutting) would be harvested when the highest amounts of carbohydrate reserves are stored in the roots: No operations between February 15 and July 15. This could be waived if an on-site review by a silviculturist finds plentiful, vigorous aspen present on a site that supports good aspen growth.</p>	<p>USDA Forest Service 2016a, Northern Research Station, NCR Forest Mgt. Guides, Aspen, Vegetative Reproduction. Stored as: AspenVegReproductionNC RAspenMgtGuide.htm</p>
Wildlife	
<p>Design Criteria for Treatments in MA 8.3 (Remote habitat) Of the wildlife species listed in MA 8.3 (gray wolf, black bear and Canada lynx), lynx are the most studied. The Canada Lynx Conservation Assessment provides management direction and rationale to maintain remote habitat conditions on the landscape.</p> <ul style="list-style-type: none"> • Treatments to create lynx foraging habitat should be in close proximity to lynx denning habitat (mapped in GIS). • Large woody debris is important to lynx denning habitat. For stands proposed for timber harvest that are mapped as lynx denning habitat in GIS, use the higher number of snags per acre (10 snags except where additional snags would be beneficial to rare species page 2-17 Forest Plan) or leave ¼ acre per stand with trees for future snag creation/dead down felling (Conservation Measures for Canada lynx). • Consider the possibility of leaving ¼ acre the in each stand of denning habitat treated with a temporary opening-resulting treatment. • Patch treatments should be used to retain cover and allow for snag creation or retention. Patch clearcut Rx for stands greater than 25 acres in size. A component of MA 8.3 remote habitat is to reduce fragmentation of habitat (i.e. concentrated patches of habitat – foraging and denning are more beneficial than scattered across an area). • Maintain balsam in the aspen stands similar to the recommendation for stands adjacent to thermal cover in the deer wintering complex. Treatments that favor conifer component for snowshoe hare. • Recommendations for roads from the Canada lynx Conservation Assessment that are consistent with MA 8.3 direction: "Avoid forest/backcountry road reconstruction or upgrades that substantially increase traffic volume and speed". "Upgrading 	<p>Forest Plan Page 2-12, 2-17, 2-18 and Canada Lynx Conservation Assessment and Strategy</p>

Camp Cooks Project Design Criteria	Source
<p>unpaved roads should be avoided in lynx habitat, if the result would be increased traffic speeds and volumes or a substantial increase in associated human activity or development.”</p> <ul style="list-style-type: none"> • One salvage-proposed stand is over 20 acres in size, C-44/13 (36 acres). Need to leave 10% for denning habitat for lynx per Forest Plan page 2-18. • Openings should be separated by a stand of at least the minimum stand size, normally 10 acres (Forest Plan page 2-12). 	
<p>Design Features for deer yards:</p> <ul style="list-style-type: none"> • Do not cut cedar; maintain it for thermal cover- primary shelter. • Do not cut hemlock; retain hemlock patches in northern hardwood stands as -secondary shelter. • Seed log decks with native seed after use. • Harvest aspen and northern hardwoods during the winter leaving felled tops for forage. Cut units in differing years to maximize the benefits. • Retain oak in northern hardwoods. • Avoid conversion of mixed conifer stands (white spruce, black spruce, balsam fir, cedar, hemlock) to balsam poplar. Even stands with short tree heights and poor canopy closure are beneficial as travel corridors and provide forage in the form of “litterfall” (hemlock and cedar frons, hardwood steams and lichens). • In stands of Red maple (transition stands between uplands and lowlands) retain cedar, hemlock and oak. • In aspen stands, pure stands (bigtooth, quaking and birch) or aspen mixed conifer component (aspen with hemlock, white spruce, balsam fir and white pine), encourage a mixed conifer-hardwood/aspen stand especially when adjacent to lowland conifer and cedar stands. Consider small cut units (around 20 acres) in order to spread harvest over multiple winters. • For aspen regeneration adjacent to thermal cover, - treatment is proposed for those portions of stands that are outside of the 500 foot no-cut buffer of a cold water stream (Forest Plan guideline). If any of the stands are not suitable for commercial harvest due to topography, slope or access or if only a few acres remain after cold-water stream buffering, it is recommended to treat the areas non-commercially. • 2400 Vegetation Management- Harvest Methods/Practices section - Cedar harvest should be limited to sites where a high probability exists for successful regeneration (Forest Plan, p.2-10). 	<p>MDNR 2015 BoomHouse and Indian River Deer Wintering Complex Management Plans and Forest Plan page 2-10 and 2-14</p>
<p>Design Features for ruffed grouse and wood cock habitat</p> <ul style="list-style-type: none"> • In Strip cutting of tag alder treatments - Cutting should occur during the dormant period (December-March) for best regeneration. The cut alder should remain where it is felled. 	

Camp Cooks Project Design Criteria	Source
<p>RED-SHOULDERED HAWK AND NORTHERN GOSHAWK Surveys would be conducted prior to implementation of the project. For northern goshawk and red-shouldered hawk, this would also include checks of historic nests.</p> <p>The following applies to documented northern goshawk and red-shouldered hawk nests:</p> <p><u>Nest Area</u></p> <ul style="list-style-type: none"> • Defined as a 30-acre area around goshawk and red-shouldered hawk nests. The nest is typically the center of a circular area approximately 1,320 feet across (660-foot radius from the nest). • No timber harvesting, road work, or trail construction, etc. would be permitted within this area, regardless of nest status. • Actions related to timber harvest, such as hauling or use of existing temporary roads, would only be permitted outside the nesting season (March 1 to August 31). • Forest service local roads within 960 feet of the nest may be seasonally (March 1 to August 31) restricted or closed. Minimal human presence will be permitted during the same period. • A historic nest no longer intact will be considered "retired". Retired nests will not be buffered. Additionally, if no other nests are known within the 30-acre nest buffer or in the 400-500 acre PFA, the territory will be considered abandoned. Seasonal restrictions are not implemented in abandoned territories. <p><u>Post-Fledging Area (PFA)</u></p> <ul style="list-style-type: none"> • Defined as a 400-acre to 500-acre forested area, typically the center of a circular area, approximately one mile in diameter (1/2 mile radius from the nest). This area should contain a mosaic of vegetative structural stages in small patches. • All sale activity (also road construction or recreation area development etc.) within the PFA would only be permitted outside the nesting season (March 1 through August 31). • No more than 20% of the PFA will be in upland openings and/or in the 0-9 yr. age class. • Small openings are important. Openings should be less than 400 feet across and range from 1/3 to 4 acres in size. • 60 % of the PFA should be in 30+ year age classes (100-year rotation) within the long rotation forest types. • Suspended seasonal restrictions in the PFAs for goshawk and red-shouldered hawk territories can be implemented if verified by a HIF biologist as inactive for any current year. Such variance from the standard implementation of seasonal restrictions in all known PFAs will be preceded by a survey of historic and alternate nests, and as applicable, a search for new nests within the territory. Suspended seasonal restrictions will be documented in the project record with an official Memorandum for the Record to 	<p>Red-shouldered hawk and Northern goshawk Protection Measures (USDA Forest Service 2006f)</p> <p>USDA Forest Service 2006a, 2-17 "Adverse impacts to known occurrences of Regional Forester Sensitive Species should be avoided, minimized or mitigated".</p> <p>Page 2-19 for the Forest Plan "Best available science recognized by Forest biologists, should be used to protect active and historic breeding territories, nesting areas and post-fledging habitat</p>

Camp Cooks Project Design Criteria	Source
<p>the District Ranger. Variances for subsequent years will be based on the results of future surveys.</p> <ul style="list-style-type: none"> If adults are not present within a territory by June 1, the nest or nests associated with that specific territory can be defined as "inactive" for that year. Suspended seasonal restrictions can be applied to inactive territories. The nest would remain in the inactive status until March 1. Current survey information would then be required to determine the status of the territory for the subsequent nesting period. <p><u>Dead and Down</u></p> <ul style="list-style-type: none"> An important component in goshawk prey base management. Snags: at least two large (>10" DBH and >10' in height) snags per acre will be left or created throughout the foraging area. Downed logs: at least three large (>10" diameter at midpoint and >10' in length) downed logs per acre will be left or created throughout the PFA. <p>For riparian planting: If the situation arises where tree planters are causing disruption to nesting red-shouldered hawk or northern goshawk evidenced by the hawks acting aggressive (behavior such as dive bombing, alarm calls or hawks circling overhead); substitute the work area with another planting area and contact the district Wildlife Biologist. If contracting work, include this wording in the contract.</p> <p>For OML 1 road closures: Seasonal timeframe and buffers apply.</p>	
<p>BALD EAGLE Avoid clear cutting or removal of overstory trees within 330 feet of an active nest at any time.</p> <p>Avoid timber harvesting operations, including road construction and chain saw and yarding operations, during the breeding season within 660 feet of an active nest. The distance may be decreased to 330 feet around alternate nests within a particular territory, including nests that were attended during the current breeding season but not used to raise young, after eggs laid in another nest within the territory have hatched.</p> <p>Selective thinning and other silviculture management practices designed to conserve or enhance habitat, including prescribed burning close (within 330 feet) of an active nest tree, should be undertaken outside the breeding season.</p> <p>Prescribed burning close to an active nest tree (within 330 feet) should be undertaken outside the breeding season (February 20-June 11, MDNR undated). Precautions such as raking leaves and woody debris from around the nest tree should be taken to prevent crown fire or fire climbing the nest tree. If it is determined that a burn during the breeding season would be beneficial, then, to ensure that no take or disturbance will occur, these activities should be conducted only when neither adult eagles nor young are present at the nest tree (i.e., at the beginning of, or end of, the breeding season, either before the particular nest is active or after the young have fledged from that nest). Appropriate Federal and state biologists should be consulted before any prescribed burning is conducted during the breeding season.</p>	<p>National Bald Eagle Management Guidelines, page 12-13 (USDI USFWS 2007) and Bald Eagle Critical Periods in Michigan (MDNR, undated)</p>

Camp Cooks Project Design Criteria	Source
Other silvicultural management practices designed to conserve or enhance habitat within 330 feet to the nest tree should be undertaken outside the breeding season.	
BLACK-BACKED WOODPECKER Patches of mature forest should be retained around known black-backed woodpecker breeding sites.	USDA Forest Service 2006a, 2-18
GRAY WOLF Minimize disturbance near known active den sites through buffer or seasonal restriction.	MDNR Michigan Wolf Management Plan (2008) page 40
FOREST STAND DIVERSITY/STRUCTURE Retain some large diameter white pine and red pines within the red pine plantations where present. Where white pine is scattered in the understory, consider taking opportunities to move the stand toward a mesic conifer stand. Create snags and dead and down trees where lacking in red pine stands through post-sale funding opportunities. Create one drumming log per acre in stands with aspen regeneration prescribed. Retain components of hemlock, yellow birch and wild black cherry within the hardwood stands that have these species. Structural Guidelines <ol style="list-style-type: none"> 1. When determining reserves for even-aged managed stands on ELTs 10/20, method A or B, or a combination of both should be used. For all other ELT's, either method A or method B should be used. <ol style="list-style-type: none"> a. Two to four live trees with diameters greater or equal to the average stand diameter per acre should be reserved. Preference should be given to live den trees. b. Variable size reserve islands/clumps that total up to a half-acre for every 10 acres should be reserved. 2. For uneven-aged managed stands: <ol style="list-style-type: none"> a. Up to five live den trees per acre should be reserved, unless they present a safety concern. b. Live den trees felled for safety reasons should be left as coarse woody debris. 3. For reserve snag and down logs in managed stands: <ol style="list-style-type: none"> a. Two to ten snags per acre should be reserved, except where additional snags would be beneficial to rare species or unless they present a safety concern or interfere with mechanical site preparation. Additional snags should be recruited from live trees where there are fewer than two snags per acre. b. Snags felled for safety reasons should be left as coarse woody debris. 	USDA Forest Service 2006a, 2-16 and 2-17
INCURVATE EMERALD DRAGONFLY, EBONY BOGHAUNTER and RINGED BOGHAUNTER DRAGONFLIES If incurvate emerald dragonfly, ebony boghaunter or ringed boghaunter dragonflies are located within the analysis area adjacent to cut units, a 150-foot buffer should be placed between the occupied stand and cut unit to protect dragonfly habitat.	Personal communication with Mark O'Brien, University of Michigan Museum of Zoology, and David Cuthrell, MNFI Zoologist

Camp Cooks Project Design Criteria	Source
<p>"Adverse impacts to known occurrences of Regional Forester Sensitive Species should be avoided, minimized or mitigated."</p>	<p>USDA Forest Service 2006a, Guideline #3, 2-17</p>
<p>NORTHERN LONG-EARED BAT (NLEB) Within the Eastern Region, incidental take outside of hibernacula that results from tree removal is only prohibited when it:</p> <ul style="list-style-type: none"> (1) Occurs within 0.25 miles (0.4km) of known NLEB hibernacula; or (2) Cuts or destroys known occupied maternity roost trees, or any other trees within a 150-foot radius from the known occupied maternity trees, during the pup season (June 1 through July 31). <p>Requirements pursuant to the programmatic biological opinion on the Final 4 (d) rule, the Forest must update its determination for NLEB on an annual basis and comply with the following reporting requirements:</p> <ul style="list-style-type: none"> (1) For monitoring purposes, we will assume all activities are conducted as described. If you do not conduct an activity as described, you must promptly report and describe such changes to the East Lansing Field Office. (2) You must provide the results of any surveys for the NLEB to the East Lansing Field Office. (3) Parties finding a dead, injured, or sick NLEB must promptly notify the East Lansing Field Office. 	<p>USFWS Biological Opinion on Activities Affecting the NLEB on the Eastern Region National Forests dated November 3, 2015; Programmatic BO on Final 4(d) Rule for NLEB and Activities Excepted from Take Prohibitions dated January 5, 2016.</p>
<p>BLACK TERN, COMMON LOON and TRUMPETER SWAN Inland lakes should have a seasonal restriction to protect active black tern, loon and trumpeter swan nests.</p>	<p>USDA Forest Service 2006a, 2-18</p>
<p>BLANDING'S TURTLE and WOOD TURTLE</p> <ul style="list-style-type: none"> • Do not plant turtle nesting areas (an open sandy area that contains turtle tracks, digging or egg shell remains) or in areas having these characteristics: <ul style="list-style-type: none"> ○ Full sun exposure to afternoon and evening sun (southwest aspect). Sites that receive only morning sun are not suitable. ○ Slope less than 40 degrees. Usually the nest site is located at least five feet higher than the water surface elevation. ○ Sand or sand-gravel substrate with little or no ground vegetation (less than 20% ground cover). <p>The following guidelines should be followed to protect wood turtle nesting habitat associated with eroding banks on the Indian River.</p> <p>If contracting the tree planting, put a requirement in the contract for the contractor to pack out garbage so as not to leave food remnants along the river. This will reduce a potential food source for raccoons and skunks.</p> <ul style="list-style-type: none"> • Specific nesting locations found during 2003 surveys will be provided to the West Unit Hydrologist for planning purposes. Planting in these areas should be avoided. 	<p>Turtle nest characteristics are based on an inventory completed by Jim Harding, Michigan State University Museum, and information provided by Richard Buech, North Central Experiment Station.</p> <p>Appendix D of the Indian Wild and Scenic River Plan</p>
<p>POLLINATORS (butterflies and bee species) Mitigation: In areas where herbicide is applied to NNIP, conduct work early in the spring prior to the plant flowering. If flowering has occurred, conduct work at a time of day when pollinators are less apt to be present. If contracting the herbicide treatment, include pollinator protection wording</p>	<p>Draft Best Management Practices – Pesticide Applicators (USDA & USDI, 2015)</p>

Camp Cooks Project Design Criteria	Source
<p>in the contract and include application of herbicide directly to the plant (spot treatment) rather than broad-scale application in the contract specifications.</p>	
<p>Vernal Pools</p> <ul style="list-style-type: none"> • Protection of water saturated soils, vernal pools and ponds and lakes • Avoid ground disturbance and rutting around any wetlands, vernal pools or ponds, lakes, marshes or swamps by implementing a buffer, using widths prescribed in H-1. Avoid harvest immediately above a wetland. • When equipment is used near vernal pools the equipment should only be used when the soil is in a dry or frozen condition to keep rutting to a minimum in this area. Timber harvesting can occur outside of the vernal pool depression, but the surrounding canopy closure should not be reduced to less than 70% to minimize the effect of sun and wind. • No logging slash or debris will be left in vernal pools. <p>Vernal Pools, bogs and seeps</p> <ul style="list-style-type: none"> • No disturbance is allowed in the vernal pool depression. All equipment, trees, and tops should be kept out of the depression. Within 100 feet or at least one tree length of the pool, it is especially important to avoid deep ruts which can interfere with the movement of salamanders to and from the pools, Equipment should generally only be used when the soil is in a dry or frozen condition to keep rutting to a minimum in this area. Canopy closure should not be reduced to less than 70%. 	<p>State of Michigan 2009; USDA Forest Service 2012</p> <p>26 September 2013, Northern Hardwood Wetland and Vernal Pools Memo (2009 Timber Sale BMP Monitoring BMP Evaluation Criteria, 2 pages)</p>

Camp Cooks Project Design Criteria	Source
Botany: TES Plants	
<p>The following design criteria are developed for all known RFSS plant populations within Camp Cooks analysis area:</p> <ol style="list-style-type: none"> 1. As new occurrences of RFSS are found, mitigation measures would be designed to protect new populations. 2. For known mature RFSS Butternut, follow Regional direction and guidance for their management. 3. Protect known Butternut saplings and seedlings from being accidentally crushed or trampled during harvesting and reforestation activities by establishing a reserve area of not less than 10 feet around each known sapling/seedling. 4. Use of some form of protective tubing should also be applied during implementation of proposed actions to further protect Butternut saplings/seedlings from impacts. 5. For known RFSS populations Canada rice grass, Blunt-lobed grapefern, American ternate grapefern and Downy sunflower establish a reserve area around occupied habitat not less than 66 feet in size. The reserve area will protect populations from disturbance such as soil and vegetation displacement and trampling or crushing of plants. 6. For known RFSS Lapland buttercup occurring in wetlands (marsh) where proposed stands occur adjacent to occupied habitat will require a 100' buffer into the forested stand in order to maintain the ecotone between forest and marsh. 7. Each reserve area will be flagged/painted or otherwise marked prior to implementation of proposed actions by the West Zone Plant Ecologist. GPS points of each RFSS location will be provided to resources proposing some form of management within or adjacent to occupied habitat. 8. Within a reserve area the following is not allowed: <ol style="list-style-type: none"> a. Timber harvesting activities such as cutting of trees, skidding, decking or storing of equipment. b. Timber harvesting adjacent buffers will require felling of trees outside of and away from the reserve area in order to prevent impacts. c. Grading, scraping, plowing, ditching, gravel introduction or other road improvements for road re-construction and new construction. d. Mechanical site preparation, such as disking, chaining, or roller-chopping proposed for reforestation activities. e. Use of herbicide in and around the reserve area. Manual treatments of NNIP such as pulling or cutting (dead heading) can occur. f. Prescribed fire treatments directly adjacent to known RFSS occurrences will include a monitoring plan to measure fire effects. g. Mowing of roadsides within occupied habitat for RFSS Canada rice grass can occur after September 1 and for Downy sunflower after September 30. 	<p>USDA Forest Service 2006a, 2-17 to 2-20: Goals, Objectives, Standards and Guidelines for management of all Threatened, Endangered and Sensitive (TES) species.</p>
Botany: Non-Native Invasive Plants	
<p>Follow approved design criteria and treatment protocols identified in the DN for NNIP Control Project of 2007 (pgs. 11-14) such as:</p> <ol style="list-style-type: none"> 1. Treat NNIP manually or with an approved herbicide for HIF where they become introduced such as along Forest roads, skid trails, 	<p>USDA Forest Service 2006a, 2-10, 2-13, 2-14, 2-16, 2-17, 2-21 and 2-22</p>

Camp Cooks Project Design Criteria	Source
<p>decking areas or roads closures where hand pulling is impractical (2007 NNIP EA).</p> <ol style="list-style-type: none"> 2. Use of herbicide is spot sprayed at the base of plants (2007 NNIP EA). 3. Use of herbicide is recommended for application early spring until early July to avoid the flowering period of spotted knapweed, St. Johnswort, crown vetch, white sweet clover and burdock (2007 NNIP EA). 4. Use of herbicide is recommended for application early spring or late fall for treating garlic mustard (2007 NNIP EA). 5. When possible maintain forest canopy cover over roads in order to limit the amount of sunlight to the Forest roadbed and roadside edges. 6. In order to maintain native genotypes only HIF native seed or plants for restoration actions should be used. This would include sites such as restoring road closures, road obliterations, decking areas, wildlife restoration for pollinators or watershed actions. 7. Oats may be used either in conjunction with a native seed mix or without a native seed mix and apply to road closures as soon as possible after payment units are closed. 8. Do not use rye unless consultation with the plant ecologist/botanist identified the need for use of annual rye. 9. Do not apply mulch over native plant seed. 10. If mulch is required due to erosion concerns such as steep slopes, use straw or mulch mat, use only oats or annual rye and do not apply any native seed under mulch. 11. All equipment needed for implementation of proposed actions shall be clean of dirt and soil prior to their use in the analysis area. Same method of cleaning as used by timber sale contractors under BT 6.35 Clause. 	
Fuels	
<p>The amount of total fuel loading would remain below 15 tons per acre (t/a) except in northern hardwood stands in units outside of the WUI. Fuel loading by size class would be addressed through fire behavior analysis conducted for the project. Excess slash would be piled and burned, broadcast burned or otherwise removed from the site where total fuel load is greater than 15 t/a.</p>	Brown et al. 2003
<p>Lop and scatter slash to within 18" of the ground within one full year post harvest where an existing canopy remains except in northern hardwood stands.</p>	Brown et al. 2003
<p>Total fuel loading would remain at or below 8 t/a in all units within the WUI.</p>	Brown et al. 2003
<p>A Prescribed Burn Plan would be developed before any broadcast or pile burning would take place. These plans address burn prescriptions, smoke management, safety, public information, and required resources need to safely accomplish the burn. Burn piles with permanent snow pack, or sufficient soil moisture to reduce residual damage to soils.</p>	<p>U.S. Forest Service policy (FSM 5140)</p> <p>HIF programmatic Piles RxBp. in development</p>
<p>Piles would be located at least twice their diameter from residual timber so damage would not occur during burning operations.</p>	Rebitzke, personal observation as WZ FMO

Camp Cooks Project Design Criteria	Source
Where deemed appropriate use management ignited prescribed fire to reduce fuel loading, aid in regeneration, and improve overall ecosystem health and vigor.	Rebitzke, personal observation as WZ FMO
Visuals	
Visual Quality Objectives would be followed in all treatment units.	USDA Forest Service 2006a, Appendix C – Visual Quality Objectives
Recreation	
To inform the public and reduce safety concerns; the public would be notified if there would be area, road, or trail closures due to the harvest activities occurring in the analysis area. Signing, local newspaper, and the Forest webpage would be used.	
<p>Haul routes that overlap with designated snowmobile routes will be dual use. The following actions will be used to reduce possible impacts to snowmobile riders:</p> <ul style="list-style-type: none"> • Routes will be heavily signed to make all users aware of the dual use. • Post warning signs at road and snowmobile trail intersections. • When plowing the road, feather the edges of each snowmobile trail crossing to prevent impassable vertical snow walls and maintain a 4 inch snow depth on groomed snowmobile trails. 	
To eliminate or reduce the potential for illegal off road/trail use, road intersections with skid trails, temporary roads, and paths used or created during mechanical harvesting would be covered with sufficient slash and/or barriers would be placed to deter illegal motorized use.	
Post signs advising trail users of project activities and times of operation.	
Protect National Forest System Trails during harvest operations. Rehabilitate trail tread if damaged during operations.	
During harvest operations, protect all recreation investments (developed and dispersed sites and facilities, signs, etc.). Silvicultural prescriptions will be written to enhance developed recreation sites and protect site features where found.	
Monitoring should be conducted to determine if illegal off-highway vehicle (OHV) use is occurring in treatment areas. If monitoring reveals illegal use, steps should be taken to prohibit the use (such as signing, barrier installation, and increased law enforcement).	

How to Comment and Timeframe

Comments would be most helpful if received by October 3, 2016. Provide comments by mail, fax, email, or in-person to the responsible official, Joanne M. Sanfilippo, District Ranger, c/o Camp Cooks Project at the contact information below. Acceptable formats for electronic submissions include email message, plain text (.txt), rich text format (.rtf), Word (.doc or .docx) or portable document file (.pdf). Submit hand-delivered comments during business hours Office Business Hours from 8:00 a.m. to 4:30 p.m. Monday through Friday, excluding holidays.

This project will follow the new objection procedures as directed by 36 CFR 218. The objection process provides an opportunity for members of the public who have participated in opportunities for public participation provided throughout the planning process to have any unresolved concerns receive an independent review by the Forest Service prior to a final decision being made by the responsible official.

Only those who provided substantive formal comments during opportunities for public comment are eligible to file an objection.

Contact Person

Matt Dickinson, West Zone NEPA Coordinator
Hiawatha National Forest
400 E. Munising Ave.
Munising, MI 49862
(906) 387-2512 x16 (phone)
(906) 387-2070 (fax)

Attachments

- Map 1 – Camp Cooks Project – Silviculture, Fire and Fuels Proposed Treatments – North
- Map 2 – Camp Cooks Project – Silviculture, Fire and Fuels Proposed Treatments – South
- Map 3 – Camp Cooks Project – Transportation Proposed Treatments – North
- Map 4 – Camp Cooks Project – Transportation Proposed Treatments – South
- Map 5 – Camp Cooks Project – Recreation, Hydrology, Botany and Wildlife Proposed Treatments – North
- Map 6 – Camp Cooks Project – Recreation, Hydrology, Botany and Wildlife Proposed Treatments – South
- Map 7 – Camp Cooks Project – Nahma Area Proposed Actions

References

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- Semlitsch, R. D., & Bodie, J. R. (2003). Biological Criteria for Buffer Zones around Wetlands and Riparian Habitats for Amphibians and Reptiles. *Conservation Biology*, 1219-1228.
- U.S. Fish and Wildlife Service. (2003). *Recovery Plan for the Great Lakes Piping Plover (Charadrius melodus)*. Ft. Snelling, Minnesota: U.S. Fish and Wildlife Service.
- USDA Forest Service. (2006). Hiawatha National Forest 2006 Forest Plan. Escanaba, Michigan: USDA Forest Service.
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DELTA COUNTY BOARD OF COMMISSIONERS

ADMINISTRATION OFFICE
310 LUDINGTON STREET
ESCANABA, MICHIGAN 49829
PHONE: 906-789-5100
FAX: 906-789-5197



October 4, 2016

Matt Dickinson, West Zone NEPA Coordinator
Hiawatha National Forest
400 E. Munising Ave.
Munising, MI 49862

Ms. Joanne Sanfilippo, District Ranger
USDA Forest Service, Hiawatha National Forest
8181 US Highway 2
Rapid River, MI 49878

Dear Forest Service Representatives;

We have a number of concerns related to the Camp Cooks Integrated Resource Management Project. Our specific concerns are listed below. However, we want to first state our general opposition to the notion that Nahma Township citizens have a responsibility to work with the U.S Forest Service on this project. In our opinion, the U.S Forest Service has not presented an adequate rationale for why this project must go forward in any way. Other than this primary and overarching them, below are our more specific concerns with the study and the project:

Economic Impact on Residents/Townships- Despite many of these roads/trails having being accessible for several generations, the study does not assess any potential financial impact to these citizens. Some citizens may lose economic opportunities. Some citizens may lose property value. As a whole, this project would certainly have a negative impact on the townships long-term economic and recreational plans.

Cost/Benefit Analysis Information- Although it is not mentioned in the report, the town hall meeting on 9/28/16 indicated that one of the reasons the Forest Service must close roads and trails is to save on maintenance and environmental repair costs. Even if you ignore the area citizen's claim that maintenance is not currently proved, there is still another problem. The study does not include any financial information related to cost or projected annual savings. If this is

one of the driving forces of the project, then the study is incomplete without making this information available.

Emergency Response- The impact on emergency response is not covered in the report. There is no doubt that putting trees and gates on roads and trails could increase emergency response times to individuals needing medical assistance. It could also delay fire response. The report makes no mention of alternate routes, or the increased response time.

Lack of Trail Information/Explanations- The proposal declares that all trails not previously approved are considered illegal and will be closed. However, there is no explanation as to who decides if trails are legal, how it can be changed, or why this has suddenly become a big priority.

Lack of Coordination- At the 9/28/16 meeting, U.S Forest Service representatives indicated that information in a recent letter from the Michigan D.N.R is inaccurate. How is it possible that the two agencies are not properly coordinated at this stage? Shouldn't any state concerns have been addressed long before a formal proposal was presented to the public? The fact that state agencies, local governments, and property owners had such limited information shows that the proposal was not properly vetted prior to distribution.

In conclusion, it is our overall hope that the U.S Forest Service will recognize that an entire community is united in opposing this project. Please do not pit citizens against each other to determine which long standing trail will be closed down and which citizens will be negatively impacted. As this is only the public input stage, we remain hopeful that you will listen to these concerns and look forward to continue working with your organization in the future.

Sincerely,

Ryan Bergman, Administrator _____

Mary K. Harrington, Board Chair _____

David Rivard, Vice Chair _____

Patrick Johnson, Commissioner _____

John Malnar, Commissioner _____

David Moyle, Commissioner _____

B5

To: County Commissioners

September 30, 2016

Equalization Update

At our September 6 Board Meeting, we terminated our contract with Allied Information Systems. This company currently provides us with an Equalization Director, and field appraisal studies. At the October 11 Board meeting, I will present two Request for Proposals for consideration:

- A request for a contractor to provide Equalization and field appraisal study services for Delta County.
- A request for a contractor to provide Equalization and field appraisal services for Delta County; and to provide Assessor services to the City of Escanaba.

All contractors will be able to respond to either or both. If the Board approves the RFP with the City of Escanaba, they will consider the partnership at a City Council meeting. No decisions will need to be made until bids are received some time in November.

Thank you,
Ryan Bergman
Delta County Administrator

VI. COMMUNICATIONS

A. COMMUNICATIONS RECEIVED:

1. Letter from Ontonagon County

B. COMMUNICATIONS FORWARDED:

1. Letter to James O'Loughlin
2. Letter to Ron Beauchamp
3. Letter to Dennis Wiltzius
4. Letter to Tracey Harju
2. Letter to Gayle Stoykovich

VII. REPORTS OF STANDING AND STATUTORY COMMITTEES

1. CAA/HRA minutes of 7-7-16
2. Airport Advisory Board minutes of 7-11-16
3. Solid Waste Authority minutes of 8-23-16
4. Pinecrest Board minutes of 8-25-16
5. Public Health minutes of 8-31-16
6. Human Services Board agenda for 10-17-16

VIII. REPORTS OF SPECIAL COMMITTEES AND OTHERS

1. Township Association minutes of 5-26-16

Ontonagon County Board of Commissioners

Courthouse, 725 Greenland Road

Ontonagon, MI 49953

Telephone (906) 884-4255

Fax (906) 884-6796

Chairperson: John E. Pelkola

Vice Chairperson: John Cane

Commissioners: Carl R. Nykanen

Richard Bourdeau

Gray Webber

September 7, 2016

Governor Rick Snyder

PO Box 30013

Lansing, MI 48909

Valerie Brader

Michigan Agency for Energy

PO Box 30221

Lansing, MI 48909

John Bear

MISO

PO Box 4202

Carmel, IN 46082

Dear Governor Snyder, Ms. Brader and Mr. Bear:

We have been reading with concern about the proposed plan for the power grid in Michigan's Western Upper Peninsula. We have always trusted that our system would become more reliable with time, not less. We understand, though we have never been contacted by MISO, ATC or any of the LSEs that are in favor of the proposal, that MISO is considering a termination of the White Pine Unit 1 SSR Agreement which has provided backup reliability in the Upper Peninsula of Michigan for the past 2-1/2 years.

We further understand that MISO plans to replace this critical generating resource with a 1998 operating protocol (so-called "radial reconfiguration") that will not provide the same level or assurance of reliability that the SSR Agreement has. In fact, we understand that the proposed "radial reconfiguration" will introduce an additional reliability risk (so-called "consequential load loss") that will directly affect the quality and reliability of electric service in our segment of the transmission system.

Although we struggle with the complexity of the change, we do appreciate the goal of lower electrical costs, and the long-term solution of generating more power in the U.P. while maintaining jobs. However, we cannot accept a degradation of electric reliability in our area because it will have a potentially devastating impact on our residents that will jeopardize the health and survival of our most rural residents who depend on a continuous and reliable power source for their daily lives.

We also struggle with the fact that MISO, ATC nor the Governor's Office have been transparent about this plan, did not inform us of their abrupt about-face of the reliability requirements and have pushed their proposal forward without subjecting it to the close scrutiny and analysis that it deserves, or to consideration by the stakeholders who will be adversely impacted by it.

We urge MISO and ATC to reconsider this proposal and, at a minimum, reassess its plan by applying at least as rigorous study as it did over the past 2-1/2 years when it repeatedly found that the White Pine 1 SSR Agreement was needed to provide electric reliability in the area.

Ontonagon Village and Ontonagon County depend on reliable power for our communities and we cannot tolerate or accept any reduction in electrical service without seriously and significantly compromising the health and wellbeing of our residents in this region of the western Upper Peninsula.

Sincerely,

Ontonagon County Clerk & Register
On behalf of the Ontonagon County Board of Commissioners

Cc: Senator Tom Casperson
Representative Scott Dianda
Representative Ed McBroom
Honorable Kimberly D. Bose

DELTA COUNTY BOARD OF COMMISSIONERS

ADMINISTRATION OFFICE
310 LUDINGTON STREET
ESCANABA, MICHIGAN 49829
PHONE: 906-789-5100
FAX: 906-789-5197



September 7, 2016

James W. O'Loughlin
AIS Marketing, Inc
3 Bramblett Hollow
O'Fallon, MO 63366

Via Certified Mail #7000 0600 0028 5039 5957

Dear Mr. O'Loughlin:

I am writing to inform you that at our September 6, 2016 meeting, the Delta County Board of Commissioners elected to terminate the agreement with AIS Marketing, Inc., dated December 15, 2015 and titled "Agreement for the Provision of Equalization Services", effective at the end of calendar year 2016.

This letter will serve as more than ninety calendar days written notice, in compliance with terms of the agreement. Thank you for your partnership with Delta County, and we wish your organization best of luck in all future endeavors.

Thank you,

A handwritten signature in black ink that reads "Mary K. Harrington". The signature is written in a cursive, flowing style.

Mary K. Harrington
Chairperson
Delta County Board of Commissioners

DELTA COUNTY BOARD OF COMMISSIONERS

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September 8, 2016

Ron Beauchamp
Escanaba City Hall
410 Ludington St.
Escanaba, MI 49829

Dear Councilmember Beauchamp,

At the September 6th regular Board Meeting, the Delta County Board of Commissioners discussed your (and others) concern with the Delta County Conservation District's decision to remove the baskets from the disc golf course once Pioneer Trail Park is no longer open. As you may have read in the paper, the Conservation District's concern is not related to parking, but rather the deterioration of the Park.

Unfortunately, the unsupervised playing of disc golf when the park is not open has contributed to problems with the forest floor being raked, branches being broken, and trees being removed. In an effort to preserve the natural beauty of Pioneer Trail Park, the Conservation District elected to make this decision.

As a Board we feel that the Delta County Conservation District has done a wonderful job managing our park system. Although no formal action was taken at Tuesday's meeting, several Board members expressed their continued support for the Conservation District, and its Director Rory Mattson. However, we always welcome public input and are happy to continue dialogue on the matter.

Thank you,

A handwritten signature in black ink that reads "Mary K. Harrington". The signature is written in a cursive, flowing style.

Mary K. Harrington,
Board Chairperson

DELTA COUNTY BOARD OF COMMISSIONERS

ADMINISTRATION OFFICE
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September 21, 2016

Dennis Wiltzius
9427 Stage Coach Q.5 Ave
Gladstone, MI 49837

RE: DATA Board

Dear Dennis:

Congratulations, At their regular meeting of September 20, 2016, the Delta County Board of Commissioners appointed you to the DATA Board for the remainder of the current term. Your term will expire on 10-01-17.

Enclosed is an Oath of Office. Please sign this document in front of a Notary Public and return it to the County Clerk's Office as soon as possible. For your convenience, a Notary Public is located in the County Clerk's office at the Delta County Courthouse during the hours of 8:00 a.m. to 4:00 p.m., Monday thru Friday.

The Delta County Board of Commissioners looks forward to working with you during the upcoming year.

Sincerely,

A handwritten signature in black ink that reads "Mary K. Harrington".

Mary K. Harrington, Chairperson
Delta County Board of Commissioners

Enclosure

DELTA COUNTY BOARD OF COMMISSIONERS

ADMINISTRATION OFFICE
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September 23, 2016

Tracey Harju
1215 Dakota Avenue
Gladstone, MI 49837

Dear Tracey:

Thank you for applying for the Delta Area Transit Authority for Delta County. We had many qualified applicants and after extensive review, the position has been awarded to another individual.

We appreciate your interest in serving the citizens of Delta County and wish you well in your chosen endeavors. Your application will be kept on file and will be reviewed as future openings occur.

Sincerely yours,

A handwritten signature in black ink that reads "Mary K. Harrington".

Mary K. Harrington
Chairperson

DELTA COUNTY BOARD OF COMMISSIONERS

ADMINISTRATION OFFICE
310 LUDINGTON STREET
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September 23, 2016

Gayle Stoykovich
601 N 16th St
Escanaba, MI 49829

Dear Gayle:

Thank you for applying for the Delta Area Transit Authority for Delta County. We had many qualified applicants and after extensive review, the position has been awarded to another individual.

We appreciate your interest in serving the citizens of Delta County and wish you well in your chosen endeavors. Your application will be kept on file and will be reviewed as future openings occur.

Sincerely yours,

A handwritten signature in black ink that reads "Mary K. Harrington".

Mary K. Harrington
Chairperson

**Menominee-Delta-Schoolcraft
COMMUNITY ACTION AGENCY
GOVERNING BOARD MEETING/POLICY COUNCIL JOINT MEETING
Thursday, July 7, 2016
Comfort Inn, Manistique
12:15 p.m.**

M I N U T E S

The meeting was called to order at 12:15 p.m. and a quorum was noted with the following present:

MEMBERS PRESENT

Omer Doran, Schoolcraft
Susan Kleikamp, Menominee
Clyde Thoune, Menominee
Bernie Lang, Menominee
Dan LaFoilie, Schoolcraft
Tom Lippens, Delta
Dave Anthony, Menominee
Geri Nelson, Delta
Lee Robbert, Schoolcraft
Peter Thoune, Menominee
Shannon Jasmin, Policy Council
Rebekah, Gilroy, Policy Council
Myra Croasdell, Delta/PC Liaison
Amanda Ely, Delta GB/Policy Council
Craig Reiter, Schoolcraft
Andrea Raygo, Menominee
Ken Penokie, Delta
Karen Wigand, Delta

OTHERS PRESENT

Julie Moberg, Executive Director
Cathy Pearson, Executive Assistant
Leslie Moulds, Receptionist
Debby Wiltzius, In-home Services Mgr.
Don Tyrrell, Schoolcraft Client Services
Sally Kidd, Senior Services Director
Peggy Ramsden, FGP Director
Sarah Carlson, RSVP Coordinator
Sarah Cantrell, RSVP Director
Brandi Brewster, Head Start
Connie Maule, SCP Director
Joe Dehlin, Weatherization Director
Myra Heslip, ECP Director
Kris Thibeault, Finance Director

MEMBERS ABSENT

John Stapleton, excused
Dave Moyle, excused

Ms. Wigand welcomed our ECP Policy Council representatives, Shannon Jasmin and Rebekah Gilroy. (Amanda Ely is also on Policy Council and the Governing Board and Myra Croasdell is the Policy Council liaison to the board. Other staff introductions were: Leslie Moulds, Receptionist, Sarah Carlson, RSVP Coordinator, Don Tyrrell, Schoolcraft Client Services Worker and Brandi Breyer, Head Start.

ACCEPTANCE OF MAY 12, 2016 GOVERNING BOARD MINUTES

Members received a draft of the May 12, 2016 Governing Board minutes for their review. ***THEY WERE ACCEPTED WITH A MOTION FROM CRAIG REITER, SECONDED BY LEE ROBBERT; MOTION CARRIED.***

FINANCE COMMITTEE REPORT

Ms. Wigand called on Treasurer Susan Kleikamp for the report. Ms. Kleikamp reported that the committee met twice and reviewed the April Accounts Payable Schedule and recommends their approval. ***CRAIG REITER MOVED TO APPROVE THE CAA APRIL ACCOUNTS PAYABLE***

SCHEDULE, SUPPORTED BY OMER DORAN; MOTION CARRIED. The committee also reviewed the audit bids that were received and recommends approval of Anderson, Tackman Co. to continue to provide our audit services. Our Finance Director, Kris Thibeault noted that 4 bids were received and were fairly close in costs and she feels any of the bidders could have done a credible job. Anderson, Tackman Co. was the least expensive and have done very well for us. **PETER THOUNE MOVED TO APPROVE THE BID FROM ANDERSON, TACKMAN CO. FOR AUDIT SERVICES FOR THE NEXT THREE YEARS, SECONDED BY GERI NELSON; MOTION CARRIED.**

NOMINATING COMMITTEE REPORT

Karen Wigand turned the meeting over to Clyde Thoune for the election of officers. Mr. Thoune indicated that Karen Wigand has put her name in for the Office of Chair. He asked three times for nominations from the floor. There being none **CRAIG REITER MOVED THAT A UNANIMOUS BALLOT BE CAST FOR KAREN WIGAND AS CHAIR, SUPPORTED BY SUSAN KLEIKAMP; MOTION CARRIED.**

Myra Croasdell has placed her name in for the Office of Vice-Chair. Clyde Thoune asked three times for nominations from the floor. There being none, **DAVE ANTHONY MOVED THAT A UNANIMOUS BALLOT BE CAST FOR MYRA CROASDELL AS VICE-CHAIR, SECONDED BY GERI NELSON; MOTION CARRIED.**

Susan Kleikamp has placed her name in for the Office of Treasurer. Mr. Thoune asked three times for nominations from the floor. There being none, **PETER THOUNE MOVED THAT A UNANIMOUS BALLOT BE CAST FOR SUSAN KLEIKAMP, SECONDED BY DAVE ANTHONY; MOTION CARRIED.**

Omer Doran has placed his name in for the Office of Secretary. Mr. Thoune asked three times for nominations from the floor. There being none, **CRAIG REITER MOVED THAT A UNANIMOUS BALLOT BE CAST FOR OMER DORAN AS SECRETARY, SECONDED BY DAVE ANTHONY; MOTION CARRIED.**

KEN PENOKIE MOVED TO ACCEPT THE SLATE OF OFFICERS AS PRESENTED, SUPPORTED BY DAN LAFOILLE; MOTION CARRIED.

Clyde Thoune noted that the following are the Board Officers for 2016-2017: Chair – Karen Wigand, Vice-Chair – Myra Croasdell, Treasurer – Susan Kleikamp, Secretary – Omer Doran. Julie Moberg congratulated the officers and thanked them for their willingness to serve.

PERSONNEL COMMITTEE REPORT

The Chair called on Myra Croasdell who reported that the Personnel Committee met on June 14 & June 27th to review the proposed changes to the Personnel Policies and recommends their approval. Members were mailed a copy of the draft policies as well as a synopsis of the changes. **LEE ROBBERT MOTIONED TO APPROVE THE PERSONNEL POLICY REVISION, SECONDED BY DAVE ANTHONY; MOTION CARRIED.**

The Committee also reviewed the revised Executive Director Succession Plan that more clearly identifies the process if we need to fill the position in an emergency and/or temporarily. **PETER THOUNE MOVED TO APPROVE THE REVISED EXECUTIVE DIRECTOR SUCCESSION PLAN, SECONDED BY SUSAN KLEIKAMP; MOTION CARRIED.**

The Committee also reviewed the revised ECP Organizational Chart that was mailed to the board with an explanation for the changes from Myra Heslip. **KEN PENOKIE MOVED TO APPROVE THE REVISED ECP ORGANIZATIONAL CHART, DAVE ANTHONY SUPPORTED THE MOTION; MOTION CARRIED.**

REVIEW AND APPROVAL OF AGENCY COMMUNITY NEEDS ASSESSMENT

Members were given a copy of the 2016 agency Community Needs Assessment for their review. The information in the assessment is used to help drive program and services that we offer. **KEN PENOKIE MOVED TO APPROVE THE 2016 COMMUNITY NEEDS ASSESSMENT, SECONDED BY SUSAN KLEIKAMP; MOTION CARRIED.**

ACCEPTANCE OF MAY & JUNE ECP MONTHLY REPORTS

Members received copies of the Early Childhood Program monthly reports for their review. **PETER THOUNE MOVED TO ACCEPT THE MAY & JUNE EARLY CHILDHOOD PROGRAM MONTHLY REPORTS, SUPPORTED BY MYRA CROASDELL; MOTION CARRIED.**

ACCEPTANCE OF 5/31/16 & 6/21/16 HEAD START POLICY COUNCIL MINUTES

Members received copies of the 5/31/16 & 6/21/16 Head Start Policy Council minutes for their review and **THEY WERE ACCEPTED WITH A MOTION FROM CLYDE THOUNE, SECONDED BY LEE ROBBERT; MOTION CARRIED.**

APPROVAL TO SUBMIT THE HEAD START CONTINUATION GRANT FOR 11/1/16 – 10/30/17

Karen Wigand called on ECP Director, Myra Heslip for more information. Members were given copies of the program design, salaries, budget line items and narrative that Myra reviewed with them. **LEE ROBBERT MOVED TO APPROVE THE SUBMISSION OF THE HEAD START CONTINUATION GRANT FOR 11/1/16 – 10/30/17, SECONDED BY DAN LAFOILLE; MOTION CARRIED.**

APPROVAL TO SUBMIT THE EARLY HEAD START CONTINUATION GRANT FOR 11/1/16 – 10/30/17

The Chair called on Myra Heslip who reviewed the program design, salaries, budget line items and narrative that Myra reviewed with the members. **DAN LAFOILLE MOVED TO APPROVE THE SUBMISSION OF THE EARLY HEAD START CONTINUATION GRANT FOR 11/1/16 – 10/30/17, SUPPORTED BY CRAIG REITER; MOTION CARRIED.**

Members were also provided a copy of the ECP Self-Assessment from 2015-16 and ***IT WAS ACCEPTED UPON A MOTION FROM KEN PENOKIE, SECONDED BY SUSAN KLEIKAMP; MOTION CARRIED.***

ACCEPTANCE OF MONITORING REPORT FROM ACF RE: 4/26 – 4/28/16 CLASSROOM OBSERVATIONS

Members were mailed a copy of the classroom observation monitoring report from the Administration for Children and Families done 4/26 – 4/28/16. There were no problems with the report and ***IT WAS ACCEPTED WITH A MOTION FROM KEN PENOKIE, SECONDED BY SUSAN KLEIKAMP; MOTION CARRIED.***

HIPPA AND MEDICARE FRAUD TRAINING INFORMATION

Members were provided information on HIPPA and Medicare Fraud.

EXECUTIVE DIRECTOR'S REPORT

Chair Wigand called on Julie Moberg who noted that Head Start is out for the summer and teachers are on lay-off except for two training weeks during the summer. The following positions are open: 2 teachers, 8 center aides, 2 teacher assistants, 2 Family Service Workers and 1 records clerk.

On June 1, 2016 Head Start hosted an event where they presented their data to community partners and the Board and Policy Council. It was very well done.

Myra has submitted the proposal for the Cost of Living (COLA) increase of 1.8% She has also submitted the duration grant discussed at the May board meeting and is waiting to hear on both.

CRAIG REITER MOVED TO ACCEPT THE EXECUTIVE DIRECTOR'S REPORT, SECONDED BY LEE ROBBERT; MOTION CARRIED.

PUBLIC COMMENT

Myra Heslip thanked the board and Policy Council members for their support during her first year as ECP Director.

OTHER BUSINESS

There was no other business.

ADJOURNMENT

There being no other business ***THE MEETING ADJOURNED AT 12:55 WITH A MOTION FROM CLYDE THOUNE, SUPPORTED BY SUSAN KLEIKAMP; MOTION CARRIED.***

**Menominee-Delta-Schoolcraft
HUMAN RESOURCES AUTHORITY
GOVERNING BOARD MEETING/POLICY COUNCIL JOINT MEETING
Thursday, July 7, 2016
Comfort Inn, Manistique
12:45 p.m.**

M I N U T E S

The meeting was called to order at 12:55 p.m. and a quorum was noted with the following present:

MEMBERS PRESENT

Omer Doran, Schoolcraft
Susan Kleikamp, Menominee
Clyde Thoune, Menominee
Bernie Lang, Menominee
Dan LaFoille, Schoolcraft
Tom Lippens, Delta
Dave Anthony, Menominee
Geri Nelson, Delta
Lee Robbert, Schoolcraft
Peter Thoune, Menominee
Shannon Jasmin, Policy Council
Rebekah, Gilroy, Policy Council
Myra Croasdell, Delta/P.C. Liaison
Amanda Ely, Delta GB/Policy Council
Craig Reiter, Schoolcraft
Andrea Raygo, Menominee
Ken Penokie, Delta
Karen Wigand, Delta

OTHERS PRESENT

Julie Moberg, Executive Director
Cathy Pearson, Executive Assistant
Leslie Moulds, Receptionist
Debby Wiltzius, In-home Services Mgr.
Don Tyrrell, Schoolcraft Client Services
Sally Kidd, Senior Services Director
Peggy Ramsden, FGP Director
Sarah Carlson, RSVP Coordinator
Sarah Cantrell, RSVP Director
Brandi Brewster, Head Start
Connie Maule, SCP Director
Joe Dehlin, Weatherization Director
Myra Heslip, ECP Director
Kris Thibeault, Finance Director

MEMBERS ABSENT

John Stapleton, excused
Dave Moyle, excused

Ms. Wigand welcomed our ECP Policy Council representatives, Shannon Jasmin and Rebekah Gilroy. Amanda Ely is also on Policy Council and the Governing Board and Myra Croasdell is the Policy Council liaison to the board. Other staff introductions were: Leslie Moulds, Receptionist, Sarah Carlson, RSVP Coordinator, Don Tyrrell, Schoolcraft Client Services Worker and Brandi Breyer, Head Start.

ACCEPTANCE OF MAY 12, 2016 GOVERNING BOARD MINUTES

Members received a draft of the May 12, 2016 Governing Board minutes for their review. ***THEY WERE ACCEPTED WITH A MOTION FROM CRAIG REITER, SECONDED BY PETER THOUNE; MOTION CARRIED.***

FINANCE COMMITTEE REPORT

Ms. Wigand called on Treasurer Susan Kleikamp for the report. Ms. Kleikamp reported that the committee met twice and reviewed the April Accounts Payable Schedule and recommends their approval. ***CRAIG REITER MOVED TO APPROVE THE CAA APRIL ACCOUNTS PAYABLE SCHEDULE, SUPPORTED BY CLYDE THOUNE; MOTION CARRIED.*** The committee also

reviewed the audit bids that were received and recommends approval of Anderson, Tackman Co. to continue to provide our audit services. Our Finance Director, Kris Thibeault noted that 4 bids were received and were fairly close in costs and she feels any of the bidders could have done a credible job. Anderson, Tackman Co. was the least expensive and have done very well for us. **KEN PENOKIE MOVED TO APPROVE THE BID FROM ANDERSON, TACKMAN CO. FOR AUDIT SERVICES FOR THE NEXT THREE YEARS, SECONDED BY PETER THOUNE; MOTION CARRIED.**

NOMINATING COMMITTEE REPORT

Karen Wigand turned the meeting over to Clyde Thoune for the election of officers. Mr. Thoune reviewed the proposed slate of officers as: Karen Wigand – Chair, Myra Croasdell – Vice Chair, Susan Kleikamp – Treasurer, Omer Doran – Secretary. **KEN PENOKIE MOVED TO APPROVE THE SLATE OF OFFICERS, CLOSE THE NOMINATIONS AND APPROVE THE OFFICERS BY UNANIMOUS CONSENT, SECONDED BY GERI NELSON; MOTION CARRIED.**

Clyde Thoune noted that the following are the Board Officers for 2016-2017: Chair – Karen Wigand, Vice-Chair – Myra Croasdell, Treasurer – Susan Kleikamp, Secretary – Omer Doran. Karen Wigand congratulated the officers and thanked them for their willingness to serve.

PERSONNEL COMMITTEE REPORT

The Chair called on Myra Croasdell who reported that the Personnel Committee met on June 14 & June 27th to review the proposed changes to the Personnel Policies and recommends their approval. Members were mailed a copy of the draft policies as well as a synopsis of the changes. **DAN LAFOILLE MOTIONED TO APPROVE THE PERSONNEL POLICY REVISION, SECONDED BY GERI NELSON; MOTION CARRIED.**

The Committee also reviewed the revised Executive Director Succession Plan that more clearly identifies the process if we need to fill the position in an emergency and/or temporarily. **PETER THOUNE MOVED TO APPROVE THE REVISED EXECUTIVE DIRECTOR SUCCESSION PLAN, SECONDED BY CLYDE THOUNE; MOTION CARRIED.**

REVIEW AND APPROVAL OF AGENCY COMMUNITY NEEDS ASSESSMENT

Members were given a copy of the 2016 agency Community Needs Assessment for their review. The information in the assessment is used to help drive program and services that we offer. **DAN LAFOILLE MOVED TO APPROVE THE 2016 COMMUNITY NEEDS ASSESSMENT, SECONDED BY MYRA CROASDELL; MOTION CARRIED.**

ACCEPTANCE OF PROGRAM MONTHLY REPORTS

Members received copies of the FGP & SCP April monthly reports, the May/June RSVP report and the Weatherization Report dated 6/24/16 for their review. **LEE ROBBERT MOVED TO ACCEPT THE PROGRAM MONTHLY REPORTS, SUPPORTED BY SUSAN KLEIKAMP; MOTION CARRIED.**

ACCEPTANCE OF ADVISORY COMMITTEE MINUTES

Members received copies of the following Advisory Committee minutes for their review:

- 5/5/16 (School) & 6/26/16 (Delta) FGP
- 4/29/16 (Menominee) & 6/26/16 (Delta) SCP Advisory Committee minutes
- 5/11/16 (Delta) RSVP Advisory Committee minutes

There were no questions and **THEY WERE ACCEPTED WITH A MOTION FROM CRAIG REITER, SECONDED BY OMER DORAN; MOTION CARRIED.**

APPROVAL TO SUBMIT THE HEAD START CONTINUATION GRANT FOR 11/1/16 – 10/30/17

Karen Wigand called on ECP Director, Myra Heslip for more information. Members were given copies of the program design, salaries and budget line items that Myra reviewed with them. **LEE ROBERT MOVED TO APPROVE THE SUBMISSION OF THE HEAD START CONTINUATION GRANT FOR 11/1/16 – 10/30/17, SECONDED BY DAN LAFOILLE; MOTION CARRIED.**

HIPPA AND MEDICARE FRAUD TRAINING INFORMATION

Members were provided information on HIPPA and Medicare Fraud.

EXECUTIVE DIRECTOR'S REPORT

Chair Wigand called on Julie Moberg who reported that the Dept. of Energy Weatherization grant began on July 1st and we are working to transition Alger & Marquette Counties into our service area. Interviews for Weatherization Director will be held the week of July 18th.

Members were told that our agency was a major sponsor and coordinator of the U.P. Senior Living Conference that was held at the Island Resort Conference Center on May 17th with 334 participants.

The Senior Volunteer Program grant applications were submitted by the June 15th due date.

We have hired a part-time Volunteer Coordinator for the RSVP Program, Sarah Carlson, who began at the end of June. Jennifer Thayer has been hired as the SCP Supervisor and has been on board since May 16th. We have also hired a new receptionist, Leslie Moulds who is doing a great job.

Julie informed the members that she and Cathy participated in our first Organizational Standards review by the Bureau of Community Action. The main citing was the need to complete the Community Needs Assessment that has since been completed. We felt we did well our first time out but have not received a formal report yet.

We are receiving new federal grant money this summer for a Summer Fuel Program. The Bureau of Community Action is awarding us \$304,400 that needs to be spent by August 31, 2016. Key staff will be sitting in on a webinar next week to get all the details so that we can get this program up and running on short order.

I have hired our new Housing Resource Specialist, Julie Hardy, who will begin work on July 21, 2016.

GERI NELSON MOVED TO ACCEPT THE EXECUTIVE DIRECTOR'S REPORT, SECONDED BY KLEIKAMP; MOTION CARRIED.

PUBLIC COMMENT

Karen Wigand asked how the Adult Day Center is doing and Sally Kidd reported that Jamie Roshak is doing a very good job. Karen indicated she has concerns about the fund raising being done by Bishop Noa Home to support the Center being confused with fund raising we may do. She suggested doing some proactive press to remind folks they can support our program.

OTHER BUSINESS

The Executive Director noted that the members were given a copy of the 2014-15 annual report and **IT WAS ACCEPTED WITH A MOTION FROM KEN PENOKIE, SECONDED BY SUSAN KLEIKAMP; MOTION CARRIED.**

Julie Moberg also thanked the board for all of their support and guidance during her first year with our agency.

ADJOURNMENT

There being no other business **THE MEETING ADJOURNED AT 1:15 WITH A MOTION FROM CLYDE THOUNE, SUPPORTED BY SUSAN KLEIKAMP; MOTION CARRIED.**



3300 Airport Road
Escanaba, MI 49829
Kelly Smith, Manager
Administration: (906)786-4902; Fax: (906)786-2583
ksmith@deltacountymi.org www.deltacountymi.org/airport

Brian Herioux, Chairman Dee Dee Anderson Skradski, V-Chair Airpt Brd David Moyle, Cty Brd Rep
Patrick Johnson, Cty Brd Rep Will Carne, Airpt Brd. Vickie Schwab, Airpt Brd. Brian Belmonti, Airpt Brd

Delta County Airport Advisory board

July 11, 2016 8:00 a.m.

Approved Minutes

1. **ROLL CALL:**
PRESENT: Johnson, Moyle, Anderson-Skradski, Carne, Belmonti and Manager Smith
ABSENT: Schwab and Herioux

- II. **APPROVAL OF AGENDA:** Moved by Johnson and seconded by Moyle to approve the agenda. **MOTION CARRIED.**

- III **APPROVAL OF MINUTES:** Moved by Moyle and seconded by Johnson to approve the minutes of May 5, 2016. **MOTION CARRIED. .**

- IV **PUBLIC COMMENT ON AGENDA ITEMS:** None

- V **MANAGERS REPORTS:**
 - A. **FAA Projects:**
 1. Localizer Bldg Replacement Project started June 7 and completed June 16
 2. MALS R Project restarts on July 8th, because of material problem.
 - B. **AWOS New construction will start August 8th 2016**
 - C. **JET FUEL:** Smith discussed the new problems with the use of Jet Fuel by Skywest Airlines. Green Bay Fuel Farm is closed indefinitely because of malfunction. Repair or replacement is being discussed, and no future date of reopening at this time. Skywest is now purchasing less fuel because of the cost they have to pay from other refineries/farms. If they are in need of purchasing they now want almost a week notice and we don't have the luxury of being able to foresee that far into the future. Smith proposed changing the new structure of fuel sales to the commercial airline. Based on the loss of revenue because of lack of fuel sales to the airlines (we only receive a flowage fee of \$.23 per gallon pumped), the airport will now start charging the airlines 30% less off the current posted retail price. The Airport administration will also do all the fuel purchasing for the fiscal year.
 - D. **FAA Reauthorization Bill – extended until July 15, 2016.** Both sides have different views regarding what to be funded. EAS doesn't seem to be in jeopardy. EAS contract will expire December 31, 2016. US DOT will soon rebid our airport.
 - E. Smith gave information regarding Operations Staff FAA required and recurrent training: Fire Training took place for all 6 Operations Staff in Marquette May 25, 26 and 27th, and September 21 and 22, 2016 2 yr FAA Fuel Fire Safety training will take place in Escanaba. Wild Life training will also happen in Escanaba in September.

F. Insurance: Smith discussed the Airport Insurance Inspection and recommendations.

G. Finances and Customer Service:

1. Budget Status ending June 2016 was discussed.
2. Enplanements/Fuel Gallons sold were discussed.

VI OLD BUSINESS:

1. Hangar Construction: No issues, and project moving forward
2. Honor Flight Update – May25, 2016. No issues, and all was great. Next Honor Flight is September 21, 2016

VII RENZONE UPDATE: None

VIII EDA/CHAMBER UPDATE: None

IX NEW BUSINESS:

- A. Sky Diving at Airport – Saginaw Bay Sky Divers July 23 & 24th, 2016. Airport Marketing in Face Book page for participants. Same day as Upper Hand Backyard BBQ.
- B. Smith requested approval to attend the MAAE Fall Conference in Gaylord at Tree Top Resort. Moved by Johnson and seconded by Anderson to approve conference travel to MAAE Fall Conference for Smith. MOTION CARRIED UNANIMOUSLY. Smith also reminded board that 2017 MAAE Fall conference will be held in Delta County, at Chip-Ins Island Resort with activities being held in Escanaba, Lake Michigan (possible) etc.
- C. Request to change Sept meeting to Sept 26, 2016. Moved by Moyle and seconded by Anderson to move meeting to September 26. MOTION CARRIED UNANIMOUSLY
- D. BAH July 27th, will be held in Gladstone “A Taste of Gladstone” and co-sponsored by Commissioner Johnson’s business Atlas Chiropractic.

X PUBLIC & BOARD MEMBER COMMENTS: None

XI ADJOURNED: Meeting adjourned at 9:05 a.m.

Next Board meeting is September 26 , 2016, 8:00 a.m.

Respectfully Submitted by:



Kelly Smith, Airport Manager



Brian Herioux, Board Chair

**DELTA SOLID WASTE MANAGEMENT AUTHORITY
REGULAR MEETING
AUGUST 23, 2016
COUNTY BUILDING, 2950 COLLEGE AVENUE, ESCANABA MI 49829**

MEMBERS PRESENT: Randy Gorecki, Steve Rose, Patrick Johnson, Ralph Blasier, Steve Viau and Gary Boudreau

MEMBERS ABSENT: Eric Buckman

OTHERS PRESENT: Don Pyle, Kim Peterson and Ray Leach

Randy Gorecki called the meeting to order at 7:00 p.m.

Public Comment

Ray Leach appeared before the Board and stated he lives on 1st Avenue South in Escanaba. He does major clean up a few times a year and the first time this year went to the compost site to bring some branches. He was not aware of the new policy for branches under 3" would only be accepted. He was there after hours, therefore, couldn't empty his half-ton pick-up truck. He further stated he can see the abuse. He went on the website and there was information about the new policy. He stated the City used to chop the bigger branches, stumps, trees, etc. for mulch and then citizens could get some for their use for free. He stated the new policy and hours are not reasonable and needs to be reviewed. He will meet with the City Manager to further discuss.

Secretary's Report – July 26, 2016

A motion was made by Gary Boudreau, seconded by Steve Rose, to approve the July 26, 2016, meeting minutes. Motion was approved unanimously.

Treasurer's Report

The Authority's July Financial Statements stated the Authority had Total Operating Revenues of \$174,179. The Total Recycling Operating Revenues was \$16,278. The Total Operating Income was \$18,748 with a year-to-date income of \$110,376. The Total Operating Expenses was \$155,431 with a year-to-date expense of \$964,452.

A motion was made by Gary Boudreau, seconded by Steve Rose, to approve the Treasurer's Report. Motion was approved unanimously.

Payment of Bills

Bacco Construction Company had a large check for \$209,223.31 for the capping project. The original contract amount was for \$950,000 and there is still approximately \$250,000 remaining to be paid.

A motion was made by Gary Boudreau, seconded by Ralph Blasier, to approve payments of the bills in the amount of \$354,739.32. Motion was approved unanimously.

Additions to Agenda

Don Pyle stated the agenda item Propane Bids was a carryover from last month's meeting agenda and can be deleted.

A motion was made by Randy Gorecki, seconded by Ralph Blasier to remove the Propane Bids agenda item. Motion was approved unanimously.

Loader Tire Purchase

The 250 loader needs new tires. The tires are very worn and there is a slice in one tire that can no longer be repaired. Quotes for four new tires were provided.

Discussion took place on the various brands and specifications

A motion was made by Steve Viau, seconded by Patrick Johnson, to purchase four Bridgestone tires from Northern Tire, Inc. from Ishpeming, Michigan, not to exceed \$6,854.52. Motion passed with Ralph Blasier abstaining.

Capping Construction Update

Bacco is currently on site. The liner was placed and completed six inches of topsoil. Working on slightly refiguring the ditches and drainage system as there was recently 3" of rain that showed what areas needed more work with not being enough of a slope. Installed five outlets with drains as there is some water build up that washes areas out that is now draining towards the gullies. The seeding is now taking place.

Manager Report

Don Pyle stated he is almost done with well testing. The secondary issue was monitored and numbers were taken. Information was submitted to EPA via the lawyer that was obtained and discussed various scenarios that could take place.

Discussed recycling procedures.

A motion was made by Ralph Blasier, seconded by Patrick Johnson, to accept the Manager's Report. Motion was approved unanimously.

Board Comments

None.

Adjournment

A motion was made by Gary Boudreau, seconded by Steve Rose, to adjourn the meeting with the time being 7:50 p.m. Motion was approved unanimously.

REGULAR MEETING
DELTA SOLID WASTE MANAGEMENT AUTHORITY
SEPTEMBER 27, 2016

The regular meeting of the Delta Solid Waste Management Authority will be held on Tuesday, September 27, 2016 at 7:00 p.m. in the County Building at 2950 College Avenue in Escanaba.

Pledge of Allegiance
Public comment
Secretary report
Treasurer report
Payment of bills
Additions to agenda

AGENDA:

1. Employee policies and procedures review items based on 2015 Audit questions
2. 2017 Clean Sweep contract with MI Department of Agriculture
3. Capping construction up-date
4. Manager report.
5. Board comments.

Randy Gorecki
Chairman



MINUTES OF THE MEETING OF THE
PINECREST BOARD OF TRUSTEES

Date: Thursday, August 25, 2016	Place: Board Room
Presiding: Catherine Driscoll, Vice-Chair	Time: 2:00 p.m. Central Time
Recording: Lois Ball, Executive Secretary	

Call to Order: Vice-Chairperson Driscoll called the meeting to order at 2:00 p.m. Central Time

Roll Call:
Trustees present: Mary Harrington, Donna Schomin, Barbara Oliver, Catherine Driscoll, John Degenauer, Jr., Jeff Naser, Gary Eichhorn, Jan Hafeman. Darlene Smith, Administrator.
Trustees absent: Elaine Boyne
Leadership Team Members present: Susan Williamson, DON; Candace Meintz, CFO
Guests: Terry Grondine

TOPIC	DISCUSSION	OUTCOME
Approval of the August 2016 Agenda	Administrator Smith requested that the following items be added to the Agenda: Under 8. b. add "Request of money for Activities Director Conference training", and 8.c. Whispering Pines/Great Northern Home Care appointee	A motion was made by Trustee Hafeman, supported by Trustee Oliver. Upon addition of 2 items, Trustee Hafeman amended her motion to include those 2 items. Trustee Oliver supported.

Board Action on Minutes of the July 28, 2016 Meeting	The minutes of the July meeting had been sent to Board Members prior to this meeting for their review.	A motion was made by Trustee Hafeman, supported by Trustee Degenaer, to approve the minutes as presented. Motion carried.
Board Action on the July Manifest of Invoices	The manifest of Invoices had been sent to Board Members prior to this meeting for their review. The monthly bill paid to Walmart was discussed. Administrator Smith will report back to the Board in September regarding the use of the Walmart.	A motion was made by Trustee Naser, supported by Trustee Harrington, to approve the July Manifest of invoices as presented and to pay the bills.
Board Action on Financial Statements for July 2016	CFO Meintz reviewed the Financial Statement.	A motion was made by Trustee Eichhorn, supported by Trustee Oliver, to approve the Financial Statement. Motion carried.
Board Committee Reports Whispering Pines Committee Report	Trustee Driscoll reported that the Whispering Pines Committee had met at 12:15 p.m., prior to this meeting. They reviewed Medicare C & D, Fraud, Waste and Abuse; Whispering Pines and Great Northern Home Care Policy changes, and discussed the need for a Whispering Pines appointee.	A motion was made by Trustee Hafeman, supported by Trustee Eichhorn, to approve the Whispering Pines Committee Report.
Board Action Items/Resolutions a. Request for Write-Offs	CFO Meintz reviewed the Write Offs in the amount of \$10,307.78 with those present and they were discussed.	A motion was made by Trustee Hafeman, supported by Trustee Oliver, to approve the Write Off in the amount of \$10,307.78. Motion carried.
Request of money for Activities Director Conference training	Administrator Smith stated that our Activities Director is requesting to attend	A motion was made by Trustee Eichhorn, supported by Trustee Harrington, to

<p>b. Whispering Pines/Great Northern Home Care Committee Appointee</p>	<p>a conference at Boyne in order to keep up her certification. She requested \$280.00 to cover food and travel amount.</p> <p>An appointment to the Committee was discussed and the Board Members present were asked if anyone was interested in volunteering for this position. Trustee Hafeman Volunteered.</p>	<p>approve the cost of \$280.00 for Ms. Rochon to attend the conference. Motion carried.</p> <p>A motion was made by Trustee Degenaer, supported by Oliver, to appoint and approve Trustee Hafeman to serve on the Whispering Pines/Great Northern Home Care Committee. Motion carried.</p>
<p>Unfinished and New Business</p> <p>a. Report of Quality Assurance and Resident Council Committee</p>	<p>Susan Williamson, Director of Nursing reported on the August Quality Assurance Meeting and noted that we are working on improving our 5 star rating.</p> <p>Resident Council Committee meetings for August. All Committees reviewed State Regulation F252, and the Activities Calendar for September. The Pinecrest building lost a pet last month and the residents wanted a new pet, so we are having an "interview" with Max on Monday to see if this cat will fit in at the facility. Residents are discussing attending the North Central-Carney Nadeau football game and are already discussing attending basketball games. They did ask that the bingo games on Saturday be stopped so that the pot on the Thursday games can be bigger.</p>	<p>A motion was made by Trustee Eichhorn, supported by Trustee Degenaer, to approve the reports of Quality Assurance and Resident Council Meetings as presented. Motion carried.</p>

<p>b. Safety Committee Report</p>	<p>Lois Ball reported that the Safety Committee met for August. All resident and employee incidents had been reviewed. She noted that falls are up slightly this month for residents and she also noted that there were 3 employee incidents recorded this month, none of which required a Dr.'s office visit or lost time from work. She commended the employees on their safe work ethic. She reported that they had discussed safety items such as the codes being put on our doors. Administrator Smith gave an inservice on Global Harmony and cell phone usage. She also told the group that main doors for the Business Office will be locked after the last employee is finished for the day (normally 4 p.m.) This is to help alleviate wanderers coming into office area. Individual offices are locked at the end of the day.</p>	<p>A motion was made by Trustee Hafeman, supported by Trustee Degenauer, to approve the Safety Committee Report as presented. Motion carried.</p>
<p>c. Administrator's Report</p>	<p>Administrator Smith reported that during the month of August she attended: The OSF Community Advisory board Meeting on 8/2, the Active Shooter Training was held on 8/3 and 8/17 for all employees; she attended the Alzheimer's Support Meeting on 8/9; the Governor's Luncheon on 8/18; the Water Authority Meeting on 8/24 and the OSF Home</p>	<p>A motion was made by Trustee Eichhorn, supported by Trustee Hafeman, to approve the Administrator's Report as presented. Motion carried.</p>

	Health and Hospice Advisory Board Meeting on 8/23.	
Comments from the Public Board Discussion on Upcoming Meetings	There were no comments from the Public Vice-Chairperson Driscoll discussed the upcoming meetings during the holiday months. It was decided that the November meeting will be held on Thursday, November 17 th and the December meeting will be held on December 15 th at the Island Report and Casino.	
Adjournment	The meeting was adjourned at 2:44 p.m.	A motion was made by Trustee Eichhorn, supported by Trustee Hafeman, to adjourn the meeting. Motion carried.

Gary Eichhorn, Secretary

Darlene Smith, Administrator

Katy Driscoll

Darlene Smith, Adm 9/22/16



Public Health Delta & Menominee Counties



Board of Health Meeting

Public Health, Delta & Menominee Counties
Menominee, MI

Meeting Minutes

Wednesday, August 31, 2016

Board Members Present

Bob Burie

Jan Hafeman
Larry Schei

Mary Harrington
Tom Trudgeon

Public Health Staff

Mike Snyder, Health Officer/ Administrator
Kim Gustafson, Assistant Program Coordinator

1. Call to Order/Roll Call

The regular monthly meeting of the Delta-Menominee District Board of Health (BOH) was held on August 31, 2016. The meeting was called to order at 5:00 p.m. CDT by Chairman Trudgeon. Roll call was taken by the Assistant Program Coordinator, and is recorded above. Patrick Johnson was not able to attend.

2. Approval of Agenda

Mr. Snyder requested to add Flu Vaccine Pricing to the agenda between items five and six. Ms. Hafeman requested to add GIS information for Menominee County to the agenda after number four.

Ms. Hafeman moved to approve the amended August 31, 2016, agenda. Motion was supported by Ms. Harrington and carried.

3. Approval of Minutes

Ms. Hafeman moved the minutes from July 21, 2016, be approved. Motion was supported by Mr. Schei and carried.

4. Public Comment

There was no public comment.

4a. Menominee County Request for GIS Information

Ms. Hafeman informed the BOH Menominee County was looking to obtain well and septic permit database information for Coleman Engineering who is in the process of performing GIS mapping for the county. Mr. Snyder will have PHDM's GIS specialist, Lori Schultz, contact Gary at Coleman Engineering.

5. Presentation: Early On Program of Delta County – Kim Gustafson

Early On is a federally funded program throughout the State of Michigan for children birth to three years of age. PHDM is contracted through the Delta-Schoolcraft ISD to have Registered Nurses provide Program and Service Coordination, along with Family Training, Counseling, and Home Visit services in Delta County. Collaborating agencies also include FACE Hannahville, Early Headstart, and a Schoolcraft County Service Coordinator. Children qualify not only by age, but also by having some type of developmental delay or an established condition. These range from communication, emotional, physical, or cognitive impairment to exposures affecting the fetus/child, chromosomal or congenital abnormalities, and even autism.

If a child is found to have a 20% delay or more, they can be referred and enrolled into the Part B-Michigan Mandatory Special Education program, along with Part C-Early On. The child can receive Physical, Occupational, Speech, or Vision Therapy, depending on their needs/delays. Therapy services are provided by certified staff through the Delta-School ISD.

Currently, 91 children are enrolled in Early On program for Delta and Schoolcraft counties, and there are 10 open referrals. Of these 101 children, 42% are enrolled in Part B-Michigan Mandatory Special Education, 17% are living in foster care, and 24% are born addicted to some type of drug; which was only at 3% in 2012. Approximately one third of all referrals received since October 1, 2015, have also been born drug addicted. Most referrals come from Upper Peninsula Health System-NICU, Department of Health and Human Services (DHHS), local providers, family members and other PHDM programs.

5a. Flu Vaccine Pricing

Mr. Snyder informed the BOH that in the past, PHDM has charged a \$25 fee for private pay flu vaccinations. This year, quad flu vaccine that covers four strains has been purchased. The proposed fees are \$30 for adults, and \$27 for children. The high dose flu vaccine would be a \$50 fee.

Ms. Hafeman moved the fee for the quad flu vaccine for adults be raised to \$30, and \$27 for children, along with the high dose fee of \$50, be approved. Motion was supported by Ms. Harrington. A roll call was

requested by Chairman Trudgeon and was taken by the Assistant Program Coordinator and is recorded as follows:

**Bob Burie: Yes
Jan Hafeman: Yes
Marry Hafeman: Yes
Larry Schei: Yes
Tom Trudgeon: Yes**

Motion carried on a 5 – 0 vote.

6. MERS Quarterly Report

Ms. Hafeman moved the MERS Quarterly Report be acknowledged and placed on file. Motion was supported by Chairman Trudgeon and carried.

Chairman Trudgeon briefly touched on a MERS presentation he and Ms. Woelffer attended in Escanaba. He highlighted important facts the MERS CEO had stated.

7. Review and Approval of July Check Register

The Board of Health reviewed the July check register.

Chairman Trudgeon moved the July check register be approved. Motion was supported by Ms. Hafeman and carried.

8. Health Officer's Report

- Mr. Snyder updated the BOH on the Zika virus. The State of Michigan has a Zika update teleconference every two weeks. The most recent call reported 29 mosquito bite/born cases in Florida by the CDC, but Florida reports 43 have been confirmed and limited to the Miami area. Other important numbers reported are:
 - 2,157 travel associated cases in the U.S.
 - One lab acquired case
 - 584 pregnant women
 - 850 travel associated cases tested in Michigan
 - 45 of those were confirmed with Zika
 - 17 were male
 - 28 female; no pregnancies
 - 11 counties downstate are doing mosquito monitoring
 - No mosquito species carrying the Zika virus have been found
- The fourth annual All-Staff Training will be held on Thursday, September 8, 2016, at the M-TEC Center at Bay College in Escanaba. Mr. Snyder invited the BOH members asked them to notify himself or Kim Gustafson if they would like to attend.

- The Drive-Thru Flu Clinic will be held on Saturday, September 24, 2016, at the PHDM Escanaba office, from 9:00 a.m. EDT to 1:00 p.m. EDT.
- At the 2016 February BOH meeting, a letter of support was written for the Cross Jurisdictional Sharing grant application. The grant has been secured by the Western UP Health Department. A memoranda of understanding (MOU) has been drafted. The MOU forms the U.P. Public Health Alliance. Mr. Snyder gave each BOH member a draft version of the MOU that every UP BOH will receive for their review. He will be requesting the approval for his signature at the September 15th meeting.

9. Public Comment (three minutes maximum)

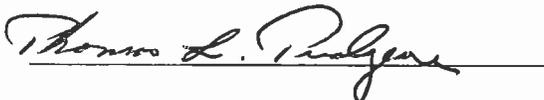
There was no public comment.

10. Board Member Comments

- Ms. Hafeman commented how nice it is having the extra parking lot spaces at the PHDM Menominee office and courthouse.
- Chairman Trudgeon received an e-mail from KUDOS research from the UK to participate in a survey. The survey is in regards to PHDM's relationship with pharmaceutical companies.

11. Adjournment

There being no further business, Mr. Burie made a motion the meeting be adjourned at 6:10 p.m. CDT. Motion was supported by Ms. Harrington and carried.



Chairperson

:kg

Approved September 15, 2016

A G E N D A

DELTA COUNTY DEPARTMENT OF HEALTH AND HUMAN SERVICES BOARD MEETING

305 Ludington Street, Second Floor Conference Room

October 17, 2016, 10:00 A.M. Eastern Time

- A. Approval of agenda**
- B. Approval of August 15, 2016 minutes. There was no meeting in September as we were unable to obtain a quorum for either the original meeting or the make-up meeting.**
- C. Financial report**
 - 1. Review of vouchers**
- D. Director's Report**
 - 1. Staffing Information**
 - 2. Statewide Directors Meeting/Information**
 - 3. Collaborative Issues/Information**
 - 4. Director's Portfolio Update**
 - 5. Miscellaneous**
 - 6. Board Member Input/Suggestions**
- E. Unit Reports:**
- F. Board business**
 - 1. Approval of vouchers**
 - 2. MCSSA**
- G. New business**
- H. Public comment (5 minute limit per speaker)**
- I. Next meeting – November 21, 2016 – 10:00 AM**
- J. Adjournment**

“What do we believe? Who do we serve? What do we do?”

Mission:

The Michigan Department of Health and Human Services provides opportunities, services, and programs that promote a healthy, safe, and stable environment for residents to be self-sufficient.

Vision:

Develop and encourage measurable health, safety and self-sufficiency outcomes that reduce and prevent risk, promote equity, foster healthy habits, and transform the health and human services system to improve the lives of Michigan families.

DELTA COUNTY TOWNSHIPS ASSOCIATION

The regular meeting of the Delta County Townships Association was held on Thursday, May 26, 2016 at the Tri-Township School in Rapid River. President Ginny Dahlin led in the Pledge of Allegiance.

Townships represented were: Bark River, Bay de Noc, Cornell, Ensign, Escanaba, Ford River, Garden, and Maple Ridge. Also present were County Commissioners: David Rivard and John Malnor.

A motion to accept the minutes from the April 26, 2016 meeting was made by Gary Boudreau and supported by Greg Johnson. Motion carried.

The Treasurer's Report was given. A motion to accept the report was made by Gary Boudreau and supported by Steve Rose. Motion carried.

OLD BALANCE:(4-26-16).....\$4389.76	PICNIC FUND:.....\$897.14
INCOME:	Hamula Memorial.....\$100.00
Reimbursement for Ads.....568.32	
	PICNIC FUND BAL..\$797.14
EXPENSES: Salaries.....110.00	

NEW BALANCE:(5-26-16).....\$4848.08

UNFINISHED BUSINESS:

The Annual Picnic will be held, at Pioneer Trail Park Pavillion, on July 28, 2016. Reminders will be sent out.

GUEST SPEAKERS:

Rory Mattson and Lori Waters from Soil Conservation District, spoke about the problems caused by Phragmites along the lake shores and river banks. Because of the mass amount of seeds that each stalk produces it is very difficult to control. They asked that township officials tell people, who have an issue with phragmites, to contact the Soil Conservation Office.

Darryl Shann, candidate for 108th District, spoke on the reasons he hopes to get elected to that position. He is a former State Trooper and worked for the State of Michigan for thirty years. Originally from Lanse, Michigan, Mr. Shann stated that he would represent the Upper Peninsula very well.

Nathan Frazer and Steve Meneker gave a description of the efficiency of the Geographic Info System and how it will be an amazing aid for county and township Planning and Zoning and Equalization issues. This work is being done by the CUPPAD Office.

The next meeting will be on September 22, 2016 at the Tri-Township School, Rapid River, Michigan at 7:00pm.

Motion to adjourn was made by Gary Boudreau and supported by Steve Rose. Motion carried.

Respectfully submitted:

Linda Trombley-Robitaille

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