

"Menominee – Where the best of Michigan Begins"

MENOMINEE COUNTY BOARD OF COMMISSIONERS

*Menominee County Courthouse
839 10th Avenue
Menominee, MI 49858*

*Brian R. Bousley-- County Administrator
Sherry DuPont – Administrative Assistant
Telephone: (906) 863-7779 or 863-9648
Fax: (906) 863-8839*

The Menominee County
Parks and Recreation Committee
Will meet on **Monday ~May 2, 2016**
at **5:00 p.m. C.D.T.** at
Bailey Park ~ West Shore Fishing Museum

~A Quorum of The Menominee County Board of Commissioners may be present~

AGENDA

- A. Call Meeting to Order
- B. Pledge of Allegiance
- C. Roll Call
- D. Approval of Agenda
- E. Approval of Previous Meeting Minutes
- F. Public Comment
- G. Business
 - a) Park Ranger/Manager Update
 - b) Monthly Budget Review
 - c) Parks Projects/Grants
 - d) Harvest Plan Forester Contract
- H. Correspondence
- I. Any Other Items Members Wish to Present
- J. Public Comment
- K. Adjournment

Charlie Meintz- Chair

Larry Schei-Vice Chair

Ray Williams James Furlong

Bill Cech Bernie Lang

Gerald Piche Jan Hafeman

John Nelson

Menominee County Parks and Recreation Committee

Public Hearing

April 12, 2016

The meeting was called to order at 5 PM by Chair, Bob Desjarlais at the Stephenson Annex in Stephenson, Michigan on April 12, 2016. Pledge to Allegiance was led by Bob.

Bob read the Park Rules.

Charlene Peterson, Lake Township, was delighted with the Five Year Recreation Plan 2016 – 2020 as presented. She stated it was well done – updated – and fit in nicely with the County master plan.

Motion made by Dick Peterson and seconded by Bill Cech to recommend approval of the Five Year Recreation Plan 2016- 2020 and forward to the County Board for final approval. All were in favor.

A motion by Bill Cech and seconded by Dick Peterson to close public comment. All were in favor.

A motion by Dick Peterson to adjourn and seconded by Bill Cech to adjourn the public meeting. All were in favor.

Meeting adjourned at 4:14pm.

Menominee County Parks and Recreation Committee

Meeting Minutes

April 12, 2016

The meeting was called to order at 5:30 PM by Chair, Bob Desjarlais at the Stephenson Annex in Stephenson, Michigan on April 12, 2016.

Reporting for roll all were: County Commissioners Bill Cech, County Administrator Brian Bousley, Dick Peterson, Kathy Branz and Bob Desjarlais. Excused were Ruby Ivens, Vola Bleile and Commissioner James Furlong.

Approval of agenda: Dick made a motion that was seconded by Bill to approve the agenda. The motion carried.

Minutes: A motion was made by Bill to approve the minutes from the last meeting that was seconded by Dick. All in favor.

Public Comments: Noreen Johnson of N466 M35 Menominee, and the Fishing Museum said the Forestry Plan was well thought out and needs to be done. The lanes to the beach at Bailey are a great idea, but she made a suggestion that something has to be done to protect the sand dunes – with logs, chains to picnic tables and widening the road to the park along with the lane to the museum.

She also asked about the Ash trees and was told they would take the lives ones and leave the dead ones for wildlife and birds. Another concern was the size of the machinery being used so as not to do extensive damage. Brian told her that we were looking into that. Also, across the road only the ridge would be logged and the swamp would be left alone. The tops would be used for the machinery to drive on so deep rutting would be avoided, then left as brush piles for the rabbits. Trees 5" and under would be left for regeneration.

Jim Quist asked when the road into the museum is widened would it be to the East and also should the North entrance be widened? They will meet with Jim and explain their ideas.

Business:

- a. The meeting schedule/Bylaws/Park Rules approved as presented with a motion by Bill and seconded by Dick. All were in favor.
- b. Park Ranger/Manager Updates: All work is done – the roof on the pavilion and the toilets have been changed out. At River Park gravel is done the picnic tables are installed. Meeting at Shakey Lakes on April 25th for reservations from 7AM to 3PM. The four vacated seasonal sites have been filled, one leasee still has to pay. Roughly sixty are still on the waiting list.

Bob suggested a lottery every 5 years for the water front lots. That way someone else would have a chance instead of the same people for 10 years or more. Something to think about.

Dick suggested we move forward on the 4 sites at Bass Lake. Also, at Kleinke, Jim has to renumber the sites inspection. Four by the pavilion will be \$250 for site review for next year.

c. Monthly budget review indicated Shakey Lakes lease revenues were at 98% (awaiting \$1,250 payment), two sites at Kleinke Park were double booked (requested by 2 different campers). The park policy is the camper requesting the site for a longer term will be awarded the site

d. Awaiting approval from the County Board on reducing the rate at Kleinke to \$20 from \$24.

The work van has been available for cleanup at the parks and is going well.

Revenues are currently at 41.71% and expenses are at 27.79%.

e. Park Projects/Grants: Stoney Point project received two bids on the boat ramp replacement, and two bids for the re-graveling the parking lot and the road. Both bids received were under our anticipated cost. The Fishing Club will put the dock in. The dock would be pulled for the project and reinstalled and would be out for approximately out for one week.

Phragmites should not be disturbed during this project and will be treated later this year.

f. Five Year Recreation Plan 2016 – 2020: A motion to move our recommended Five Year Plan to the County Commissioners for approval by Dick and seconded by Bill. All were in favor.

H. Correspondence – None

I. Any other Item Members Wish to Present – None

J. Public Comment – None

K. Adjournment – Motion by Bill to adjourn, seconded by Dick with all in favor.

MENOMINEE COUNTY
Balance Sheet
 April 2016

Account Title	Balance	Account Number
Fund: COUNTY PARKS		
ASSETS		
Current Assets		
CASH	68,494.26	208-000-001.00
IMPREST CASH	300.00	208-000-004.00
ACCOUNTS RECEIVABLE	0.00	208-000-040.00
TOTAL Current Assets	68,794.26	
Long-Term Assets		
Prepaid Insurance	0.00	208-000-123.01
TOTAL Long-Term Assets	0.00	
TOTAL ASSETS	68,794.26	
LIABILITIES		
Current Liabilities		
ACCOUNTS PAYABLE	-0.22	208-000-200.00
Accrued Wages Payable	0.00	208-000-257.00
UNDISTRIBUTED RECEIPTS	2,424.58	208-000-273.00
TOTAL Current Liabilities	2,424.36	
TOTAL LIABILITIES	2,424.36	
FUND EQUITY		
Fund Equity		
FUND BALANCE	58,996.38	208-000-390.00
DESIGNATED FUND BALANCE	724.50	208-000-393.03
CHANGE IN FUND EQUITY	6,649.02	
TOTAL Fund Equity	66,369.90	
TOTAL FUND EQUITY	66,369.90	
TOTAL LIABILITIES & FUND EQUITY	68,794.26	

MENOMINEE COUNTY Standard Budget Report

April 2016 Revenues

Account Title	This Month	Y-T-D	Budget As Of Apr-2016	Difference	Percent
Fund: COUNTY PARKS					
Program Revenues					
Charges for Services					
FIREWOOD SALES	0.00	2.00	200.00	-198.00	1.00
ANNUAL	0.00	44.00	8,000.00	-7,956.00	0.55
ANNUAL 2 FOR	0.00	0.00	100.00	-100.00	0.00
DAILY	0.00	0.00	4,250.00	-4,250.00	0.00
GATE RECEIPTS FOR FAIR	0.00	0.00	6,000.00	-6,000.00	0.00
SHAKY CAMPING FEES	0.00	1,077.00	70,000.00	-68,923.00	1.54
KLEINKE CAMPING FEES	0.00	961.00	15,000.00	-14,039.00	6.41
SHAKY LAKE LEASE SITES	0.00	67,750.00	69,000.00	-1,250.00	98.19
KLEINKE LEASE SITES	1,320.00	10,620.00	12,000.00	-1,380.00	88.50
Total Charges for Services	1,320.00	80,454.00	184,550.00	-104,096.00	43.59
Interest and Rents					
PAVILLION-SHAKEY	0.00	0.00	200.00	-200.00	0.00
PAVILLION-KLEINKE	0.00	0.00	100.00	-100.00	0.00
Outside Storage	0.00	696.00	2,500.00	-1,804.00	27.84
Inside (Fair) Storage	0.00	1,619.45	3,500.00	-1,880.55	46.27
Total Interest and Rents	0.00	2,315.45	6,300.00	-3,984.55	36.75
Total Program Revenues	1,320.00	82,769.45	190,850.00	-108,080.55	43.37
Special Items					
Other Revenue					
FIREWOOD-KLEINKE	0.00	0.00	300.00	-300.00	0.00
ICE-KLEINKE	0.00	0.00	100.00	-100.00	0.00
PAID SHOWERS-KLEINKE	0.00	66.00	500.00	-434.00	13.20
PAID SHOWERS-SHAKEY	0.00	0.00	3,000.00	-3,000.00	0.00
MISCELLANEOUS RECEIPTS	0.00	73.00	100.00	-27.00	73.00
REIMBURSEMENTS	0.00	0.00	2,398.00	-2,398.00	0.00
GENERAL FUND APPROPRIATION	0.00	4,155.00	8,310.00	-4,155.00	50.00
Total Other Revenue	0.00	4,294.00	14,708.00	-10,414.00	29.19
Total Special Items	0.00	4,294.00	14,708.00	-10,414.00	29.19
Total Revenues	1,320.00	87,063.45	205,558.00	-118,494.55	42.35

MENOMINEE COUNTY

Standard Budget Report

April 2016 Expenditures

Account Title	This Month	Y-T-D	Budget As Of Apr-2016	Difference	Percent
Fund: COUNTY PARKS					
Recreation and Culture					
COUNTY PARKS					
SALARIES	2,756.80	18,718.89	35,734.00	17,015.11	52.38
SALARIES - TEMPORARY	0.00	63.00	45,630.00	45,567.00	0.14
OVERTIME	0.00	0.00	1,800.00	1,800.00	0.00
LONGEVITY	0.00	750.00	750.00	0.00	100.00
HOSPITAL DEDUCTIBLE	1,245.26	10,943.20	15,189.00	4,245.80	72.05
LIFE INSURANCE	2.36	16.34	30.00	13.66	54.47
FICA-OASDI	152.08	1,125.90	4,967.24	3,841.34	22.67
FICA-MEDI	35.56	263.30	1,161.79	898.49	22.66
WORKMENS COMPENSATION	0.00	1,421.45	2,781.91	1,360.46	51.10
OFFICE SUPPLIES	0.00	0.00	500.00	500.00	0.00
OFFICE EQUIPMENT	0.00	0.00	300.00	300.00	0.00
POSTAGE-COUNTY PARKS	0.00	99.56	300.00	200.44	33.19
GAS, OIL ETC	0.00	894.84	8,500.00	7,605.16	10.53
DIESEL FUEL	0.00	249.18	500.00	250.82	49.84
L.P. GAS	0.00	904.88	4,300.00	3,395.12	21.04
UNIFORMS	0.00	110.93	350.00	239.07	31.69
UNIFORMS/SUMMER HELP	0.00	0.00	200.00	200.00	0.00
JANITORIAL SUPPLIES	0.00	985.04	3,500.00	2,514.96	28.14
OTHER OPERATING/GENERAL	587.40	3,301.60	3,000.00	-301.60	110.05
OTHER OPERATING/MISCELLANEOUS	24.46	24.46	300.00	275.54	8.15
BROCHURES/STICKERS	0.00	300.00	300.00	0.00	100.00
TREE REPLACEMENT	0.00	237.00	500.00	263.00	47.40
DEQ Permits	200.00	1,095.84	1,500.00	404.16	73.06
CONSTRUCTION SUPPLIES	0.00	593.60	1,000.00	406.40	59.36
PROFESSIONAL/CONTRACTURAL SERVICES	2,600.00	5,509.05	8,000.00	2,490.95	68.86
PROFESSIONAL-PHYSICALS	0.00	0.00	700.00	700.00	0.00
TRAVEL/Parks Per Diems & Mileage	127.00	433.55	600.00	166.45	72.26
PROGRAMMING/RECREATION	0.00	0.00	1,000.00	1,000.00	0.00
Sweatshirts	0.00	0.00	200.00	200.00	0.00
Gate Receipts	0.00	0.00	6,000.00	6,000.00	0.00
Inside Storage	0.00	2,826.35	2,500.00	-326.35	113.05
WATER TESTING	0.00	100.70	800.00	699.30	12.59
UTILITIES/ELECTRIC	655.78	4,957.78	35,000.00	30,042.22	14.17
EQUIPMENT MAINTENANCE	0.00	518.19	4,000.00	3,481.81	12.95
FACILITY MAINTENANCE	0.00	761.65	4,000.00	3,238.35	19.04
GROUPS MAINTENANCE	500.93	4,576.93	4,000.00	-576.93	114.42
				58.08	

MENOMINEE COUNTY

Standard Budget Report

April 2016 Expenditures

Account Title	This Month	Y-T-D	Budget As Of Apr-2016	Difference	Percent
Fund: COUNTY PARKS					
Recreation and Culture					
COUNTY PARKS					
RENTAL/CONTRACTING	0.00	3,485.00	6,000.00	2,515.00	0.00
REFUNDS/REBATES	0.00	0.00	2,000.00	2,000.00	0.00
VEHICLE MAINTENANCE	0.00	0.00	3,500.00	3,500.00	0.00
NEW/REPLACEMENT EQUIPMENT	0.00	1,160.22	2,000.00	839.78	58.01
Total COUNTY PARKS	8,887.63	66,428.43	213,393.94	146,965.51	31.13
Total Recreation and Culture	8,887.63	66,428.43	213,393.94	146,965.51	31.13
TRANSFERS OUT					
Transfers Out	0.00	13,986.00	0.00	-13,986.00	0.00
Total TRANSFERS OUT	0.00	13,986.00	0.00	-13,986.00	0.00
Total Transfers Out	0.00	13,986.00	0.00	-13,986.00	0.00
Total Expenditures	8,887.63	80,414.43	213,393.94	132,979.51	37.68
CHANGE IN FUND EQUITY	-7,567.63	6,649.02	-7,835.94	14,484.96	-84.85

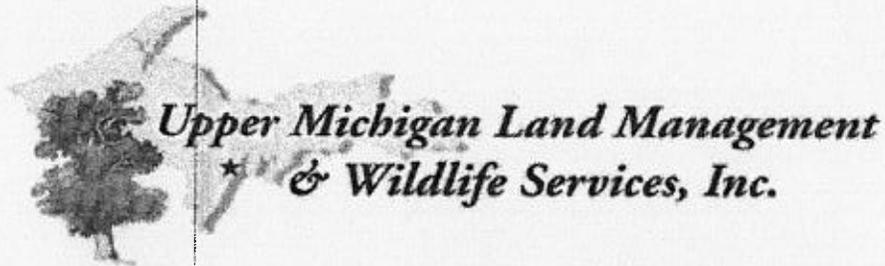
Report Filter Criteria

Percent: Computed by dividing Y-T-D by Budget As Of amount
 Year To Print: 2016
 Month To Print: April
 Fund Code Range: 208 COUNTY PARKS to 208 COUNTY PARKS

MENOMINEE COUNTY Standard Budget Report

April 2016 Revenues

Account Title	This Month	Y-T-D	Budget As Of Apr-2016	Difference	Percent
Fund: PARK IMPROVEMENT FUND					
Program Revenues					
Charges for Services	122.00	482.00	3,500.00	-3,018.00	13.77
BOAT FEES	122.00	482.00	3,500.00	-3,018.00	13.77
Total Charges for Services	122.00	482.00	3,500.00	-3,018.00	13.77
Special Items					
Other Revenue	0.00	4,500.00	4,500.00	0.00	100.00
MISCELLANEOUS RECEIPTS	0.00	13,986.00	20,000.00	-6,014.00	69.93
TRANSFERS/APPROPRIATION	0.00	18,486.00	24,500.00	-6,014.00	75.45
Total Other Revenue	0.00	18,486.00	24,500.00	-6,014.00	75.45
Total Special Items	0.00	18,486.00	24,500.00	-6,014.00	75.45
Total Revenues	122.00	18,968.00	28,000.00	-9,032.00	67.74



TIMBER SALE ADMINISTRATION AGREEMENT

Agreement made of _____ between the following: **Menominee County, 839 10th Ave., Menominee, Michigan** and **Upper Michigan Land Management & Wildlife Services, Inc. 1705 4th Avenue North, Escanaba, Michigan 49829** hereinafter called "Foresters" is as follows:

In consideration of mutual promises and covenants herein, the parties agree as follows:

1. It is understood that the Forester (agent) is not an employee and is acting as an independent contractor. Forester's duties are to work in cooperation with the owner and representative to act as owner's agent:

- a. Painting and flagging all necessary approximate forest boundary lines.
- b. Locating timber cutting units, GPS Mapping, Acreage determination, Volume determination by Species & Products.
- c. Setting timber cutting specifications and harvest areas based upon sound forest management and landowner's goals. Timber will not be sold until the landowner and foresters have agreed upon timber harvest recommendations.
- d. Establishing all "no cutting" Zones based upon sound forest management, Landowner's goals and Best Management Practices (BMP's).
- e. Drafting of timber sale notice and advertising the stumpage for sale.
- f. Selecting the successful bidder as logging contractor, checking references, credit history.
- g. Drafting of timber harvest contracts.
- h. Collecting Insurance Certificates and Performance Bonds
- i. Collecting Timber Stumpage Payments and distributing funds.
- j. Inspecting the harvesting operations to assure compliance with all contract specifications.
- k. Provide Forest Management Plan with cutting specifications.

It is agreed to and understood that the Foresters will present to the Owner/Representative all plans, cutting specifications, contracts, and other related information before advertising this timber for sale. Because time being of the essence, Owner/Representative agrees to sign and return to Foresters the Timber Sale Contract within seven calendar days of receipt of the Timber Sale Contract that specifies the successful bidder and price. Because of the difficulties and inconvenience in attempting to establish the loss to Forester if Owner/Representative breaches this agreement, Owner/Representative will pay to Foresters as liquidated damages, and not as a penalty, the full commission due which is the parties reasonable estimate of fair compensation for the foreseeable losses that might result from the breach.

If owner/representative breaches the timber sale contract at any time during harvesting operations, the contract will become null and void with the landowner/representative returning the portion of paid lump sum funds for timber not cut due to said breach. A "breach" for example is changing of cutting specifications after payment, establishing new "No Cut" zones in areas already cruised and paid for, or any other unfounded, groundless act that may cause loss to the "Foresters" and timber buyers.

2. Forester's Fees

Foresters will receive 20% of gross stumpage with a minimum commission of \$2000.00 for said work and out of this they will pay for all ordinary expenses for travel, labor, paint, advertising, and contract drafting, timber sale inspections. Owner/Representative agrees to pay foresters full commission, if landowner/representative voids contract after foresters work is completed and/or rejects a fair market timber sale bid and then directly hires a timber buyer/logging firm.

All receipts will be made payable to Upper Michigan Land Management & Wildlife Services, Inc. by the logging contractor. The remaining portion of timber sale revenue (80%) will be paid from gross receipts to the Seller(s) and Owner(s) as it is received by Upper Michigan Land Management & Wildlife Services, Inc. such payment to be made within 14 working days of the same.

3. Contract Period

This contract will remain in effect until the timber is sold and Foresters fees have been collected, or unless timber has not been sold by _____ at which time this contract will expire.

4. Ownership

Property covered by this agreement is:

Menominee County Parks: Bailey Park, Longrie Park, Shakey Lakes Park, River Park, Mason Park

Owner/Representative certifies that the timber on the above described premises is now by ourselves free and clear of all encumbrances.

5. Integration Clause

This agreement contains the entire understanding and agreement between the parties hereto and supersedes all previous negotiations and offers and may not be altered or amended without written agreement duly executed by both parties.

6. Approximate Property Lines Required For Timber Sale

Owner/Representative clearly understands that these are NOT registered survey lines ONLY approximate forest boundary lines used for timber harvesting. Foresters are NOT registered surveyors. However, if Foresters feel property lines and corners are not good enough and need to be confirmed, a Registered Survey will need to be completed.

7. Parties Involved

FORESTER(S):

Dean Francis – President (UMLMWS)

Todd Green – Vice President (UMLMWS)

Owners/Representatives:

Sellers Name: Brian Bousley
Menominee County Administrator

Date:

Witness Name:

Date:

SS# _____

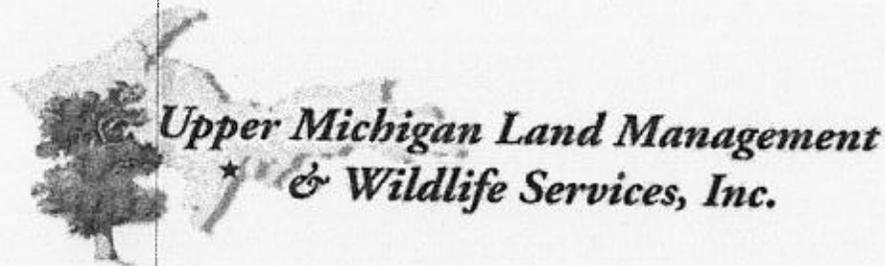
Fed I.D.# _____

1705 4th Avenue North, Escanaba, Michigan 49829

Phone: (906) 786-3488 Fax: (906) 233-9548 Cell: (906) 235-0369 (906) 235-0131

Dean R. Francis: dean@michiganforesters.com James T. Green: todd@michiganforesters.com

Website: www.michiganforesters.com



Menominee County Timber Harvest Plan 2016

Bailey Park Harvest Plan

Day-Use Area

- Locate (4-5) Beach-Lake Access Points on the East side of Bailey Park Road. Within these locations, harvest all tree species within the flagged access points running out to the beach. You may want to create a small "beach opening" at each location for a picnic table.
- In order to improve upon large vehicle access, you may need to widen the Bailey Park Road in specific locations either on the East or West side. Within these areas, harvest all tree species within a (10-12) foot wide swath.
- Within the land area between M-35 and Bailey Park Road, retain and protect this forest ecosystem as "Old Growth". Allow this area to naturally grow and succeed into an old growth eastern hemlock, eastern white pine and northern white cedar forest stand. Maintain 1-2 wildlife den trees and snag trees for small mammals and woodland birds. Utilize 50% of the mature, dead or dying maple and ash trees as firewood for day campers and/or some of the other campgrounds. Maintain 50% of the dead, down woody debris for small mammals and amphibians.

Fishery Museum Area

- Between M-35 and the museum area, harvest all of the green ash due to possible infestation of Emerald Ash Borer. Harvest all of the red maple, 12.0 inches in diameter and greater. Harvest all of the mature quaking aspen, white birch, spruce and balsam fir 5.0 inches in diameter and greater. Do not harvest the eastern hemlock, northern white cedar or eastern white pine. Retain as forest diversity and "Seed" trees. Retain the beech as wildlife "mast" trees. Do not harvest any trees East of the museum road or the museum area. Retain all pockets of small diameter conifer trees as wildlife cover and diversity.

West of M-35 Area

- Within the upland forest area, harvest all of the red maple, green ash, aspen, white birch, balsam fir and spruce 5 inches in diameter and greater. Do not harvest the eastern hemlock, northern white cedar or eastern white pine. Retain the red oak and beech as wildlife "mast" trees. Retain all pockets of small diameter conifer trees as wildlife cover and diversity. Create an eastern hemlock and eastern white pine upland conifer ecosystem.

- Install a culvert per MDOT Requirements in order to access harvest area West of M-35.
- Create a new harvest road and decking area West of M-35.

Within All (3) Bailey Park Locations:

- Winter harvesting is recommended and required in order to minimize soil rutting and compaction. Cut stump heights should be no higher than 6.0-12.0 inches. Utilize all tree products down to an outside diameter of 5.0 inches. All felled tree tops cut up and no higher than 1.0-2.0 feet above the ground. Avoid damage to wildlife nesting trees, snag trees, "Seed" and "Mast" trees.
- Following timber harvesting, create walking paths and possibly handicap accessible pathways for all to enjoy.
- Following timber harvesting, place Educational Signs along roads and paths visible to the public.
- Following project completion, place Forest Stewardship Educational-Outreach Sign at the park's entrance.

Longrie Park Harvest Plan

- During the Winter & Spring of 2016, remove all Autumn Olive prior to timber harvesting. Cut and remove or burn all Autumn Olive tops. Retain a 10-12 inch high stump which can be treated with an herbicide designed to transfer into the root system and kill the shrub. For additional information, see MDNR Invasive Species, Autumn Olive BCP.
- Within the Longrie Park, harvest all aspen, white birch, red maple, balsam fir and white spruce 5 inches in diameter and greater. Harvest all of the largest diameter red pine sawlog trees, while retaining the small diameter polesize red pine as diversity. The very tall red pine probably will not be able to withstand high winds following harvesting. Retain all of the eastern hemlock, eastern white pine, and northern white cedar as forest cover and "Seed" trees. Retain all of the red oak as wildlife mast trees for acorn production. Decking area to be located along the eastern line.
- Winter harvesting is recommended and required in order to minimize soil rutting and compaction. Cut stump heights should be no higher than 6.0-12.0 inches. Utilize all tree products down to an outside diameter of 5.0 inches. All felled tree tops cut up and no higher than 1.0-2.0 feet above the ground. Avoid damage to wildlife nesting trees, snag trees, "Seed" and "Mast" trees.
- Following timber harvesting, create (4) rustic camping areas, walking paths and possibly handicap accessible pathways for all to enjoy.
- Following timber harvesting, place Educational Signs along roads and paths visible to the public.
- Following project completion, place Forest Stewardship Educational-Outreach Sign at the park's entrance.

Shakey Lakes Park Harvest Plan

- Within the Shakey Lake Park and East of the campground, harvest all quaking aspen 2 inches in diameter and greater. Harvest all of the dead and dying black oak as a result of oak wilt. Retain 1-3 large diameter oak per acre with full individual tree canopies that appear to be healthy and able to survive another 5-10 years. Selectively harvest the poorest quality red maple, white pine and red pine trees with double stems, crooked trunks, trunk cankers and poor tops. Retain the best quality white pine and red pine as "Seed" trees. Retain the best quality black oak as wildlife mast trees for acorn production. Retain the scattered good quality white birch for aesthetics.
- Winter harvesting is recommended and required in order to minimize soil rutting, compaction and the spread of oak wilt. Cut stump heights should be no higher than 6.0-12.0 inches. Utilize all tree products down to an outside diameter of 5.0 inches. All felled tree tops cut up and no higher than 1.0-2.0 feet above the ground. Avoid damage to wildlife nesting trees, snag trees, "Seed" and "Mast" trees. Do not harvest below the Shakey Lake trail system adjacent to the lakes. Decking areas to be located along forest roads and within forest openings.
- Following timber harvesting, create rustic camping areas, walking paths and possibly handicap accessible pathways for all to enjoy.
- Following timber harvesting, place Educational Signs along roads and paths visible to the public.
- Following project completion, place Forest Stewardship Educational-Outreach Sign at the park's entrance.

River Park Harvest Plan

- Within River Park, harvest all mature aspen 5 inches in diameter and greater. Selectively harvest the poorest quality red maple and red oak with double stems, crooked trunks, trunk cankers and top dieback. Retain all of the white pine as "Seed" trees and the best quality red oak as wildlife mast trees for acorn production. Reduce the stocking levels down to 70 square feet per acre in good quality red oak and pine trees.
- Winter harvesting is recommended and required in order to minimize soil rutting, compaction and the spread of oak wilt. Cut stump heights should be no higher than 6.0-12.0 inches. Utilize all tree products down to an outside diameter of 5.0 inches. All felled tree tops cut up and no higher than 1.0-2.0 feet above the ground. Avoid damage to wildlife nesting trees, snag trees, "Seed" and "Mast" trees. Do not harvest West of the trail system adjacent to the river except in the case of "hazard" trees. Decking area to be located at picnic site location.
- Following timber harvesting, create walking paths, handicap accessible pathways and improve upon rustic campsites for all to enjoy.
- Following timber harvesting, place Educational Signs along roads and paths visible to the public.
- Following project completion, place Forest Stewardship Educational-Outreach Sign at the park's entrance.

Mason Park Harvest Plan

- Within Mason Park, harvest all white birch and aspen 5 inches in diameter and greater. Selectively harvest the poorest quality red maple and red oak, i.e. double stems, poor tops, trees with cankers. Harvest only those hemlock and cedar trees required for equipment access. Retain the best quality hemlock and cedar as "Seed" trees and red oak as wildlife mast trees for acorn production. Reduce the stocking levels down to 100 square feet per acre in good quality trees. The use of a small portable bridge or harvest mats may be required to cross the small drainage.
 - Winter harvesting is recommended and required in order to minimize soil rutting, and compaction. Cut stump heights should be no higher than 6.0-12.0 inches. Utilize all tree products down to an outside diameter of 5.0 inches. All felled tree tops cut up and no higher than 1.0-2.0 feet above the ground. Avoid damage to wildlife nesting trees, snag trees, "Seed" and "Mast" trees. Do not harvest west of the trail system adjacent to the river except in the case of "hazard" trees. Decking area to be located at boat launch location.
 - Following timber harvesting, create walking paths, handicap accessible pathways and possibly small fishing peers.
 - Following timber harvesting, place Educational Signs along roads and paths visible to the public.
 - Following project completion, place Forest Stewardship Educational-Outreach Sign at the park's entrance.
- ** During Spring 2016, locate and mark all property corners and property lines required for timber harvesting. Contact your Michigan Professional Surveyor.
- ** During the Summer 2016, forester's field work to be completed.
- ** During the Summer 2016, complete timber sale bidding and harvest contract.
- ** During the Winter 2016-2017, complete timber harvesting.

1705 4th Avenue North, Escanaba, Michigan 49829

Phone: (906) 786-3488 Fax: (906) 233-9548 Cell: (906) 235-0369 (906) 235-0131

Dean R. Francis: dean@michiganforesters.com James T. Green: todd@michiganforesters.com
Website: www.michiganforesters.com