

Coombs, Cheatham, Gaboury, May, Trapp, Anderson

John Hess asst planner to review
the new reclamation act -

2 things in progress - the Act itself
and the proposed administrative rules
- Act controls environmental aspects + says
the supervisor may establish rules -
This is the second set that is under
discussion now
as stands now Act has no teeth
the rules add some bite to the act -
the supervisor ~~must~~ shall do this + so
rather than may as in original act -

Planning comm rules - what planning
comm is asking for is basically the
same except that plan comm is asking
for a permit - (problem area)

Act proposed rules came out in Jan - mines
strongly objected - redone + in April
reviewed + mines OKed - Then Quarry
people strongly objected - told to submit
something but haven't - If don't then
will go back to legislature for approval -

could endorse idea of the rules + suggest
that be made more stringent -
Supervisor - defined in the act itself -
What plan comm is doing is more stringent
than the state law

3rd draft of county regulations passed out, also
synopsis of the state act + the proposed state rules

②

Planning Comm would review the plans & then review further plans as are developed - would offer local control -

Planning Comm should be recommending adoption to the June Co. Bd meeting

zoning ordinance - changing a section
new section - seasonal dwellings section

suggest hold off on any endorsement of state rules - should review counties proposal

could send letter stating are interested in the act but feel should be made stronger - could say planning commission is working on own regulations which are stronger

Trapp May ✓ that notify DNR that the county has promulgated ~~the~~ our own rules and are submitting them for their review - suggest more stringent than what is being proposed by the State

BSE
June 21st

Communications regarding Lake Michigan read - Felt should now form up the date & place & time of the hearing - Would Corps of Engineers be of any help in this regard Some discussion on date - Chairman of Bd can not attend on that day - 29th June discussed

Chatham Trapp Contact Trapp & DNR to see if 29 June 7:00 PM is available and if so proceed with plans notice to all & paper -

(3)

June 30 Lake Superior - Corp of Engineers
Environ Prot. Agency, Shorelands Protection Council
DNR CUPPAD will send representatives
Tentatively the 30th of June - Anderson
will moderate - location is unknown

Dunk Car Ordinance - don't have a list
of dealers + areas served -

Dog control ordinance - copies to be sent
to committee members for review
Humane Society is working on shelter
and has numerous volunteers to work
- is progressing well
- Land - should start working on getting
this ready to lease -
Basic problem with animals is education
of the owners -

Set of Topo maps for committee -

Could ask DNR if sent previous info to
Bel - don't remember it - should receive
all notices for any action about to be taken -
When was application made + notice sent

Notices for Lake Minnetonka in Minnesota
placed on file

A-95 reviews -

Cuppad - waste water treatment ^{planning} monies 208 monies
have to have planning done before can get construction done

May 11, 1976

A regular meeting of the Environmental Quality Committee was duly called and held on Tuesday, May 11, 1976, at 7 p.m. at the Courthouse.

Present: Commissioners Anderson, Cheatham, Coombs, Gaboury, May and Trapp.
Absent: None.

The meeting was called to order by Chairman Coombs.

Assistant Planner John Hess joined the meeting to discuss the proposed administrative rules for the Mine Reclamation Act. He reported that there are two portions of this act in progress, the act itself and the proposed administrative rules. The act controls all environmental aspects of mine reclamation and says that the supervisor may establish rules; the act is in force and it is the rules that are now under discussion. The act as it stands, "Has no teeth but the rules add some bite." Mr. Hess reported that what the Planning Commission is asking for is basically the same as the act except that the Planning Commission is asking for a permit to bring the committee up-to-date. He mentioned that the proposed rules originally came out in January 1976. The mines strongly objected and the rules were re-drawn and in April they were reviewed and were satisfactory to the mining industry. At this point, the quarry operators strongly objected. These people were told to submit something in writing as to how they feel the rules should be changed but to date have not. If nothing is received from the quarry operators, the proposed rules as they stand will go back to the legislature for approval.

Mr. Hess reported that the Planning Commission is now in a third draft of the county regulations for mine reclamation. The county regulations are more stringent than the proposed state law. A copy of the Planning Commission's third draft, a synopsis of the state act and a synopsis of the proposed rules were handed out for review by the committee members. The Planning Commission should be recommending adoption of the county proposal to the Board for the June meeting. It was felt that the county could not endorse the state rules as they stand and should so inform the DNR. It should be mentioned that the county feels that their proposed rules are much better than what has been suggested by the state. After discussion, it was moved by Commissioner Trapp, supported by Commissioner May and unanimously adopted that the committee notify the DNR that the county has promulgated their own rules and are submitting a copy of the third draft for their review as the county's rules are more stringent than what is being proposed by the state. Mr. Hess then left the meeting.

The committee then reviewed two communications submitted regarding the meeting to be held on the Lake Michigan lake level. One communication was from Michigan Township stating that the township hall would be available July 13th. The communication also stated that there would be plenty of room to accommodate these landowners wishing to attend. The second communication was from Dale W. Granger of the DNR stating that representatives from his department would be available to attend the meeting on July 13th. In discussing this date, Commissioner Anderson mentioned that he would be unable to attend. He is very interested in attending the meeting and after discussion the date of Tuesday, June 29th, was scheduled as the best date for all committee members. It was moved by Commissioner Cheatham, supported by Commissioner Trapp and unanimously adopted that Michigan Township and the DNR be contacted to see if the meeting could be moved to June 29th. If this date is available, plans should be made to proceed with the sending of notices to all landowners and, also, the publishing of a notice in the Mining Journal.

Commissioner May then gave a brief report on the June 30th meeting to discuss the Lake Superior lake level. She has received replies from the Corp of Engineers, Environmental Protection Agency Shoreland Protection Council, DNR and CUFPAD stating that they will all have a representative at the meeting. Commissioner Anderson will act as moderator for the meeting. It was mentioned at this point a location has not been determined.

The committee then briefly discussed the county junk car ordinance. The Sheriff has been requested to submit a listing of the junk car dealers in the area and the areas that they service; to date this listing has not been received. Chairman Coombs will contact the Sheriff to see when this information will be available.

The committee then discussed the proposed county dog control ordinance. The Controller reported that the ordinance had been reworked, although copies are not available at this time. Copies will be sent to the Commissioners as a part of these minutes. The Humane Society is working towards the building of a shelter; it appears that this work is progressing quite well. In this regard, the Controller was directed to proceed with the necessary paperwork in getting the land ready to lease to the society.

The committee then reviewed and discussed a DNR dam construction permit. A permit was issued for a dam to be constructed in Powell Township. In discussing the permit, committee members could not remember having received any information on the application for permit. The committee should receive all notices for any action about to be taken by the DNR for permits of this type. The Controller was directed to communicate with the DNR to see when the application was made and also when a notice was sent to the committee.

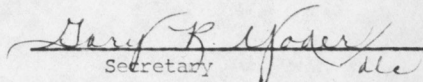
The committee then briefly reviewed and discussed two Corp of Engineers' permits. Both permits were for work to be done in Lake Minnetonka in Minnesota. It was felt that there was really no reason for the committee to receive these and after discussion they were ordered placed on file.

The committee then reviewed numerous CUPPAD A-95 Review Forms. The following applications were reviewed:

1. Request by the DNR to undertake wildlife restoration and related activities in the State.
2. Request by the DNR to undertake commission fisheries research and development.
3. Request by the DNR to undertake Anadromous Fish Conservation.
4. Request by the DNR to undertake fisheries resource restoration and improvement.
5. Request by Republic Non-Profit House Corporation to undertake construction of rural rental house.
6. Request by CUPPAD to undertake comprehensive and functional planning for the Central Upper Peninsula of Michigan.
7. Request by Marquette County to undertake rural highway public transportation.
8. Request by CUPPAD to undertake development coordination and integration of the area-wide waste water treatment plan.
9. Request by the 95-B District Court to undertake a Volunteer Resource Center.

In reviewing the applications, it was noted that there were no problems with the applications except for the request for the 95th District Court for the Volunteer Resource Center. It was felt that further information was needed on this request. It may be a worthwhile project but the committee would like further information before their approval can be given. It was moved by Commissioner Trapp, supported by Commissioner May and unanimously adopted that all of the A-95 Review Forms be placed on file with the exception of the Review Form for the Volunteer Resource Center. On this request the committee will submit a request for a review of the full application.

There being no further business, the meeting adjourned.


Secretary

May 21, 1976

Mr. Dale W. Granger, Chief
Hydrological Survey Division
Department of Natural Resources
Stevens T. Mason Building
Lansing, MI 48926

Dear Mr. Granger:

As we discussed recently on the phone, the Marquette County Board of Commissioners Environmental Quality Committee cannot hold the Michigamme Lake Level Meeting on July 13th as planned. The meeting will be held on Tuesday, July 29th, at 7 p.m. at the Michigamme Township Hall. The township has been contacted and the hall will be available on this date. Notices to all landowners will be sent from this office and a notice will be published in the local paper.

This office is working on the information you have requested, i.e., maps of the lake showing the landowners asserted value of the property and a listing of landowners and addresses. You will find enclosed with this communication the most current listing of the landowners. We have had some problem in getting a complete up-to-date listing. The several maps that we have of the lake are in the process of being copied and when completed will be forwarded to your office.

The committee is looking forward to meeting with your representatives on the 29th. If you have any further questions or desire more information, please feel free to contact this office.

Very truly yours,

Gary R. Yoder
Controller

GRY/dlc

Encl.

May 21, 1976

Mr. John Olson
Michigamme Township Supervisor
P.O. Box 182
Michigamme, MI 49861

Dear Mr. Olson:

At a recent meeting of the Marquette County Board's Environmental Quality Committee, further discussion was held on the Michigamme Lake Level Meeting. It was learned that the tentative date of July 13th was unsuitable for a majority of the members.

As per our telephone conversation earlier this week, the meeting has now been set for June 29th at 7 p.m. This meeting will be held in the Michigamme Township Hall and all Lake Michigamme landowners will be invited. Representatives of the DNR have been contacted and will be available to discuss the lake level situation on this date.

Would you please reserve the Hall for the evening of Tuesday, June 29th. Thank you for your cooperation in this matter. If you have any questions or need further information on this meeting, feel free to contact this office.

Very truly yours,

Gary R. Yoder
Controller

GRY/dlc

June 8, 1976

Honorable Chairman and Members of the
Marquette County Board of Commissioners
Marquette, Michigan

Ladies and Gentlemen:

A regular meeting of your Environmental Quality Committee was duly called and held on June 8, 1976, and copies of the minutes of that meeting have been furnished to all members of the Board of Commissioners and a copy of the minutes is attached hereto and made a part of this report.

Respectfully submitted,

ENVIRONMENTAL QUALITY COMMITTEE

By _____
Chairman

June 8, 1976

A regular meeting of the Environmental Quality Committee was duly called and held on Tuesday, June 8, 1976, at 7 p.m. at the Courthouse.

Present: Commissioners Cheatham, Coombs, Anderson, Gaboury, and May.
Absent: Commissioner Trapp.

The meeting was called to order by Chairman Coombs.

Item #1 - Michigamme Lake Level Meeting.

On June 29, 1976, at 7:30 p.m. in the Michigamme Township Hall a special meeting of the Environmental Quality Committee will be held with the Michigamme Lake landowners and representatives of the DNR. The purpose of this meeting is to get a general feeling of the landowners in regards to setting and maintaining a specific lake level. Along these lines, there will be a discussion on what it would take to establish a lake level, the cost of establishing it and if it takes a dam where will the dam be located.

Item #2 - Lake Superior Lake Level Meeting.

On June 30, 1976, at 7:30 p.m. a special meeting of the Environmental Quality Committee will be held at the Holiday Inn in Marquette. The purpose in arranging this meeting is to provide an opportunity to get a comprehensive overview of the management of lake levels and related problems from all of the agencies that have responsibility in this area.

This meeting will be in the form of a panel discussion/presentation by representatives from the U.S. Army Corps of Engineers, U.S. Environmental Protection Agency, Michigan Department of Natural Resources, Whitefish Bay Shore Erosion Association and CUPPAD.

Item #3 - Animal Control Ordinances.

Commissioner Sally May turned over a copy of the Kalkaska County Dog Ordinance to the Environmental Quality Committee. These will be reviewed and compared to the proposed Marquette County Animal Control Ordinance. She went on to discuss information collected at a meeting she attended in Escanaba in regards to this topic. She stated that a gentleman from Houghton County who acts as their Animal Control Officer as a Deputy Sheriff in Houghton County Sheriff's Department discussed in length the reasons why their Animal Control Program is successful.

After considerable discussion, it was moved by Commissioner May, supported by Commissioner Cheatham and unanimously passed that we invite the Marquette County Sheriff, the District Judges of Marquette County, along with the Houghton County Animal Control Officer to the next regular Environmental Quality Committee Meeting.

When contacting the Houghton County Officer, we are to request that he bring figures in regards to the cost in both initiating and maintaining such a program.

Item #4 - City Water Coloform County.

Commissioner Coombs brought up for discussion that in contacting the City in regards to acquiring daily reports for the Coloform County at the water intake located in Lake Superior he discovered that there is a charge of ten cents per sheet, each sheet covering one calender day. He also discovered that these reports are sent to a State agency and the State agency provides the forms or reports at no charge.

No action was taken.

Item #5 - Junk Car Ordinance.

The Commissioners were informed that the Junk Car Ordinance is in effect and being enforced by the Marquette County Sheriff's Department.

A copy of all the Junk Car Dealers has been requested by the Environmental Quality Committee. Commissioner May stated that she will contact the Sheriff for this information. The Commissioners also would like to discuss the matter of enforcing this ordinance at the next regular Environmental Quality Meeting.

Item #6 - Debris on County Road 553.

Commissioner Cheatham brought up for discussion the problem of refuse caused by the construction workers who are working on the expansion of County Road 553. She stated that large amounts of liter are being tossed on the side of the road by work crew.

After further discussion, it was moved by Commissioner Cheatham, supported by Commissioner May that the Controller's Office speak to John Beerling, Head of Marquette County Road Commission, and request that he look into this matter and the possibility of cleaning up the liter.

Item #7 - Use or Non-Use of Salt on Our County Roads.

It was mentioned by Commissioner Coombs that the area in regards to salt on our highways is being looked into. Initial studies show that the salt causes destruction to vegetation along roads that are being salted during the winter season. It has also been found that there is damage to rivers and streams along with the roadways and vehicles traveling upon those roadways.

After considerable discussion, Commissioners decided to watch for more information in this area.

Item #8 - Resource, Conservation and Development Grant - Brookridge Property.

Commissioner Coombs brought to the attention of the Environmental Quality Committee that he had discussed at quite length with Dave Audison the various possibilities for the County property located near the Brookridge property; Dave Audison recommending that the County could plant 3,500 white birch trees. He had stated that this would be an excellent bicentennial project and the cost for the trees would amount to approximately \$280.00. The area could also be fertilized and seeded through a RC&D Grant but the County must maintain this land in the future.

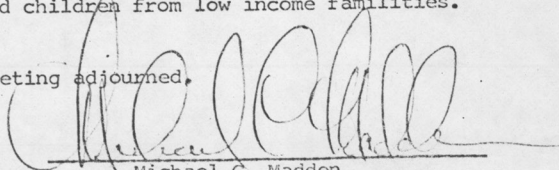
After further discussion, it was moved by Commissioner Anderson, supported by Commissioner May, that they recommend to the Forest Commission the above project for their review and possible allocation of money.

The Controller's Office is to contact and follow-up with a letter to this effect to the Chairman of the Forestry Commission.

Item #9 - A95 Reviews.

- A. An A95 Review was received from the Republic Township and Nonprofit Housing Corporation. The name of the project is Public Park on Michigamme River Below Housing Complex. There will be six to eight acres in this park area. Total cost: \$20,000.00.
- B. An A95 Review was received from CUPPAD. The name of the project is Staffing and Operation of the CUPPAD Regional Commission. Purpose: To continue staffing and operation of CUPPAD. Total cost: \$8,200.00.
- C. An A95 Review was received from Republic Township. The name of the project is Republic Township Sewage Collection/Disposable. Purpose: To meet requirements of EPA Rules and Regulations pertaining to construction grants for waste treatment works as published in the Federal Register on Monday, February 11, 1974. Total cost: \$10,000.00.
- D. An A95 Review was received from Alger-Marquette Community Action Board. The name of the project is Head Start. Purpose: To provide educational experience for three to six year old children from low income families. Total cost: \$180,000.00.

There being no further business, the meeting adjourned.


Michael C. Madden

June 29, 1976

Honorable Chairman and Members of the
Marquette County Board of Commissioners
Marquette, Michigan

Ladies and Gentlemen:

A special meeting of your Environmental Quality Committee was duly called and held, on June 29, 1976 at Michigamme, MI, regarding Lake Michigamme lake levels. The purpose of this public meeting was to obtain a consensus of the lake property owners in regard to conducting an engineering study on the feasibility of repairing or replacing the existing dam.

As a result of the meeting your committee recommends that the County Board of Commissioners request the Department of Natural Resources to conduct an engineering study of Lake Michigamme in order to gather sufficient information in which the lake property owners may base a decision on whether or not legal lake levels should be established.

Respectfully submitted,

ENVIRONMENTAL QUALITY COMMITTEE

By _____ Chairman

June 29, 1976

A special meeting of the Environmental Quality Committee was duly called and held at the Michigamme Township Hall, Michigamme, Michigan, Tuesday, June 29, 1976, at 7:30 p.m.

Present: Commissioners Cheatham, Coombs, Gaboury, May and Anderson.

Absent: Commissioner Trapp.

In Attendance: Representatives from the Hydrological Division of the Department of Natural Resources, Mr. Leon Cook and Mr. Robert Clay, and approximately 100 interested lake property owners.

Purpose of the meeting was to present to the lake land owners research done by the DNR in regard to Michigamme Lake levels, and procedures required to maintain legally established lake levels.

Commissioner Coombs opened the meeting, stated it's purpose, and introduced the attending commissioners and representatives from the DNR.

Leon Cook then took the floor. Mr. Cook stated the 1961 P.A. 146, as amended, allows for establishment of legal levels on inland lakes in Michigan. Under this Act a legal level is established by the County Circuit Court. It is then the responsibility of the County Board of Commissioners to maintain these levels. The Act also allows for the establishment of a special assessment district or political subdivisions to maintain the legal level.

Mr. Cook went on to say the establishment of a legal lake level can be done in two ways.

1. Lake landowners may petition the County Board of Commissioners to establish legal levels. This requires a two-thirds majority of the property owners. The County Board must then have the Prosecuting Attorney petition the Circuit Court to hold a hearing on the establishment of a legal lake level.
2. The County Board of Commissioners may petition the Circuit Court directly.

A recommendation would be made to the Circuit Court on a desirable level. DNR usually recommends that an engineering study be held to determine the best level. In some cases it is desirable to set a Summer level and a Winter level; there does not have to be a year around set level. The engineering study is used by the Court in establishing the level. Circuit Court also sets the assessment district boundaries. County Board of Commissioners is responsible for the maintenance of the level. This responsibility may be passed to the drain commissioner.

The drain commissioner makes up an assessment roll and a hearing must be held in regard to it.

Mr. Cook stated the cost is usually passed on to the property owners on the lake but the Act does provide for local governments to pay the expense.

In 1964 the DNR conducted a preliminary engineering study investigating lake control for Michigamme Lake. This study included investigation of past lake levels, ice damage, wave erosion, flooding, and lake recreation, among others.

The lake level at present is 1550.0' and the desired level is 1551.5' at this time. The optimal Winter level should be 1550.0' in order to prevent ice damage, etc. It is also recommended that the lake level should never exceed 1553.5'. In the past there has been a 7½' fluctuation of the lake level.

The DNR suggests, according to Mr. Cook, that to control the minimum level the present dam should be repaired, but in order to control the high water level also the dam would have to be relocated farther downstream.

Estimated cost for a new dam is \$300,000.00 and repairing of the present dam is \$100,000.00. There are two methods in which the dam may be repaired.

1. Steel sheeting attached to the upstream portion of the dam and filled with concrete.
2. Construction of a new concrete crib.

In the 1964 engineering study it was felt that rebuilding was not worthwhile. The 1964 report did not research the feasibility of constructing a new dam.

At the conclusion of Mr. Cook's presentation, Commissioner Coombs asked for questions of those present at the meeting.

Mr. Joseph Roose was in doubt concerning the proper lake level to be established. Mr. Cook replied that during the Summer months this should be 1551.5', which is 1½' higher than the present level.

Louis Roncoglione was concerned with possible flooding caused by the removal of restrictions downstream of the dam. Mr. Cook replied the proper levels would be maintained.

Mr. Robert Archibald asked how valid the cost estimates were. Mr. Cook answered that the cost was estimated by adding 50% to the 1964 estimated cost.

Mr. Archibald also asked if the property owners would be committed to repairing or replacing the dam if they gave the go ahead on the engineering study, and asked if the lake frontage owners would have to carry the full burden of the cost. Mr. Cook stated that an engineering study would not commit the people to any actual work on the dam. He also stated that in the past frontage owners have absorbed the cost but there are other alternatives, such as devising a formula using building units of, for example 100' each, to set up a payment schedule. Also, there is the possibility of charging those with access to the lake.

Mr. Archibald wished to know the amount of lake property owned by the DNR and was told they owned 6,700' or 4% of the land.

Mr. Archibald stated that he was opposed to any work on the dam unless a more equitable method of assessment was used.

Mr. Fred Michaels stated the only affect he has noticed in regard to current lake levels is ice damage. He stated he does not wish to have work done on the dam but that the State of Michigan should pay for the cost, if work is done, since they have a State park located on the lake and will benefit by a maintained lake level because of the summer tourist trade.

Commissioner Coombs stated that property owners had first contacted Representative Jacobetti to do something about the lake and he in turn had money set aside for an engineering study.

Sam Cohodas said he was in favor of having the study conducted to provide more information for the people to make a decision.

Rose Hamel wondered why the State could not pay since programs are presently taking place where the environment is affected by damage done by nature. She felt the environmental affect of the fluctuating lake levels on Lake Michigan would warrant a similar program. Commissioner Coombs stated perhaps a Research Development Grant would be a possibility.

Michael DeFant wanted to know at what level the water would be stabilized and how his land would be affected. Mr. Cook replied the Circuit Court would set the level to be maintained. Information was not available on how his property would be specifically affected.

Mr. Cook also returned to an earlier question made by Mrs. Hamel regarding State funding of the dam repair or replacement. He felt the legislature would not appropriate this type of funding.

Randolf Delaney asked if the \$15,000.00 is for the survey only. Mr. Cook replied such to be the case.

Mr. Michaels asked if work on the dam and assessment of the property owners could take place without the property owners having anything to say about it. Mr. Cook said the Board of Commissioners could directly petition the Circuit Court.

Art Hamel asked who had built the dam. An unidentified man in the audience stated the Cliffs Power and Light Co. had constructed the dam.

Mr. John Hicks stated he was in favor of a study that would provide additional information on the matter.

Mr. Marketty of Ishpeming, MI stated the dam possibly was built in 1873 to generate power for the Republic Mine. It was purchased by C.C.I. in 1914 and they in turn, he believed, gave it to the State along with the property containing VanRiper State Park in 1929.

Mr. Mayotte believed other problems should be looked into concerning the lake. Rocks should be marked so boats will not run aground on them. He also asked if those property owners not bothered by fluctuating lake levels were to be assessed. Mr. Cook stated this would be the case.

John Olson, Michigamme Township Supervisor, asked if the construction could go through without the property owners' consent. He requested a consensus be taken on the opinion of the property owners. In response, Commissioner Anderson stated that the Board of Commissioners, by simple motion, could request the Circuit Court to establish a legal level. He stated property owners on the lake had expressed problems with the lake level and the Board felt a public meeting would be proper in order to obtain the owners' opinions on the situation.

Betty Howe asked for confirmation dealing with alternative assessment methods, such as the County or Township being assessed, or those who benefit by the dam being assessed. She believes a sharing of the cost by those who will benefit would be more equitable. Mr. Cook replied property owners traditionally carry the cost burden, but the alternatives she stated are valid ones. It is up to the Circuit Court to establish the assessment boundaries.

John Olson asked if it was possible to assess those who use the lake and was told this could not be done. The cost would be assessed against real property owners.

Commissioner Coombs asked for a consensus of the people present in regard to three questions. This was done by a show of hands.

1. Do you wish to have an engineering study on the lake levels?
Majority response was in favor.
2. Do you wish the County Board of Commissioners to petition the Circuit Court to establish legal lake levels and set up a special assessment, at this time? Majority response was negative.
3. Do you wish to have the County Board of Commissioners investigate the matter further? Majority was in favor.

The public meeting was then adjourned.

In a brief meeting of the committee Commissioner Cheatham moved, and Commissioner May supported the motion that the Environmental Quality Committee recommend that the County Board of Commissioners request the DNR to conduct an engineering study of the lake levels on Lake Michigamme in order to gather sufficient information

Environmental Quality Committee
June 29, 1976
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for use by the lake owners to determine whether or not legal lake levels should be established. This motion was unanimously carried.

Commissioner Gaboury moved that the meeting be adjourned. The motion was supported by Commissioner Coombs and unanimously carried.

Respectfully submitted,

Karen Chubb
Secretary

July 13, 1976

Honorable Chairman and Members of the
Marquette County Board of Commissioners
Marquette, Michigan

Ladies and Gentlemen:

A meeting of your Environmental Quality Committee was duly called and held on July 13, 1976 and copies of the minutes of that meeting have been furnished to all members of the Board of Commissioners and a copy of the minutes is attached hereto and made a part of this report.

Respectfully submitted,

ENVIRONMENTAL QUALITY COMMITTEE

Chairman

July 13, 1976

The Environmental Quality Committee meeting was duly called and held on July 13, 1976 at 7:00 p.m. at the Courthouse.

Present: Commissioners Cheatham, Coombs, Gaboury, and May.

Absent: Commissioners Anderson and Trapp.

In Attendance: Deputy Gary Beauchamp, Houghton County Animal Control Officer; Under Sheriff Gerald E. Sherbinow; Judge Stephen Catel; Ernest Hall, DNR; Lyn Johnson, County Planner; and Pat Farrell, Planning Commission.

Deputy Beauchamp presented the Houghton County Animal Control Program to the committee. The program began three years ago in May of 1973. The initial goal was the licensing of dogs by their owners.

Deputy Beauchamp had a weekly radio program thus establishing good public relations and dispelling circulating rumors. People were informed that an opportunity would be given, prior to the issuing of citations, for them to license their animals and obtain the necessary shots by a veterinarian. A notice was published in the newspaper giving the date dog owners would be ticketed for not licensing their animals and letting them roam.

The first time an animal was contacted a verbal warning would be given to the owner; after that tickets would be issued. Thirty to forty dogs were picked up per day at the beginning of the program. Local veterinarian clinics were used to impound the animals; vets bid for the housing of the animals for a year. Initially, only dogs were handled, however, this has expanded to cats, skunks, livestock, etc.

Following Deputy Beauchamp's presentation there was a discussion regarding the Houghton County program. Deputy Beauchamp stated he received no special training for his position, however, he does attend a yearly Michigan Animal Control Association Seminar. The policy of the program is not to reveal complainants' identity unless criminal action will be taken.

During the initial year, which was 1973, \$8,000.00 to \$9,000.00 was spent; 1974, \$12,000.00; 1975, \$15,000.00. A large proportion went for wages. The County receives a percentage of the income from the payment of tickets. Also, when contacted to destroy an animal by the owner there is a \$2.00 or \$1.00 charge depending on the method of disposal requested.

Deputy Beauchamp stated owners of pets ticketed without a license received a \$25.00 fine which is then reduced to \$15.00 if the animal is licensed when the owners appear in court. In the event a licensed animal is ticketed the fine is \$10.00. He finds this procedure has worked well.

Deputy Beauchamp found that as a result of establishing a County Animal Control Program, townships and cities have rescinded their ordinances. Houghton County is currently working on a County Ordinance which will replace the State Ordinance they are currently adhering too.

A monthly report is published in local newspapers giving a count of dogs picked up, citations written, amount of animals destroyed, etc. The paper does this as a public service.

About 30% of the pets were returned to owners during the first year; currently about 75% are returned. This reflects the fact that the stray dog population has decreased as a result of the program.

Citations are issued to anyone in the household old enough to appear in District Court. Under Sheriff Sherbinow remarked State laws can only be enforced by an officer. He also mentioned State law provides that an owner can be ordered to show cause after the third time he is notified of a violation and does not respond. Judge Catel mentioned the possibility of allowing tickets to be paid through the mail.

Environmental Quality Committee

July 13, 1976

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In summary, Deputy Beauchamp volunteered his services in on-the-job training for anyone appointed as Marquette County Animal Control Officer, if such a program is established. Judge Catel offered his services in setting up a County Ordinance.

Deputy Beauchamp, Judge Catel, and Under Sheriff Sherbinow then left the meeting.

Lyn Johnson, County Planner, and Pat Farrell of the Planning Commission were present to discuss the proposed Mineral Resource District: County Zoning Ordinance.

The zoning ordinance would be a tool to carry out goals of the County Comprehensive Plan. They believe mining companies should be accountable in making plans available. The ordinance would also protect areas for future mining and related areas.

The Planning Commission has met with mining company representatives at each of the Planning Commission meetings. The representatives have presented what they felt would be useful. The present draft is a compromise between mining representatives and the Planning Commission.

It is the hope of the Planning Commission the Mineral Resource District proposal will be approved at the next Planning Commission meeting on July 14, 1976. A public hearing would then be held in October; final recommendation to the County Board in November, to be passed by the end of the year, hopefully, so that in February 1977 zoning laws can take affect.

Mining has the greatest physical, social, economical affect on the area, hence there should be a review process of these companies. The ordinance would require mining companies to state what they are building, provide a reclamation plan, and would guarantee the proper construction of buildings.

An effective ordinance will stop problems before they exist; it will not put mining companies in a position where they cannot develop or operate mines.

A zoning administrator would handle permits and general enforcement. Any ultimate prosecution would be through the Prosecuting Attorney.

Violations are misdemeanors and fines are cumulative. If an illegal situation is not taken care of operations can be closed.

Most townships feel they cannot set up their own zoning ordinance because of the expense and may adopt the County Ordinance. If a township did so, they can still amend the ordinance, but would have to come before the Planning Commission; a set procedure must be followed.

A discussion was then held regarding the Mead Corporation proposed park in Wells Township, near Boney Falls. They have applied to the Federal Government for permission to produce power using a reservoir. To do this, they must provide recreational use on the reservoir for the public. They wish to deed to Marquette County, until 1993, land located in Government Lot #6, between the road and the river. Marquette County would then be responsible for operation and maintenance of the park.

There is a need for more camping sites in Marquette County. However, direct utilization of the park by Marquette County residents would not be as great as residents from Delta County.

The plan has been reviewed by the Planning Commission. It was mentioned that laws state Mead Corp. must set up such a park, hence why should the County have to maintain it.

Ewing Township Park was briefly mentioned. It was said this park is not overly utilized as a camping site, however, residents in that area often picnic, etc. there.

Planning Commission representatives then left the meeting.

Invitations had been sent out to the Crooked Lake property owners in Forsyth Township to attend the Environmental Quality Committee meeting, however the only person who attended was Mr. Ernest Hall, DNR representative; the DNR owns property on the lake. It was noted that there is a discrepancy between those who signed the petition submitted and those who are listed as legal owners on the Tax Roll. It was moved by Commissioner May, supported by Commissioner Gaboury, and unanimously carried that those who signed the petition be sent a letter noting the discrepancy between those who signed and those listed as legal owners.

Public Notices from the DNR, Hydrological Division were presented, regarding an application for a construction permit by Tilden Mining Company, and an application by Lake Superior & Ishpeming Railroad to relocate railroad tracks. These are to be filed. It was decided a letter should be sent to the DNR asking that copies of these notices be sent to Lyn Johnson for his attention. He in turn would direct Commissioner Coombs' attention to significant items, as they occur.

A communication from International Joint Commission on Great Lakes water levels was read. It was moved by Commissioner May, supported by Commissioner Gaboury, and unanimously carried that his letter be placed on file.

A letter received from Art Draper, Executive Director of AMCAB was read concerning the establishment of an Energy Advisory Commission in Marquette County. Mention was also made of Mr. Peter Embley's expression of a need for a County authority, at the May 26, 1976 Board meeting, which would encompass water, sewer and energy studies. It was moved by Commissioner May and supported by Commissioner Cheatham, that a letter be sent to each of these gentlemen inviting them to attend the next Environmental Quality Committee meeting to express their opinions on these matters. The motion was unanimously carried.

A communication from the DNR listed the lakes in Michigan with high water level problems. It was noted that there were no Marquette County lakes listed, hence it was moved by Commissioner Cheatham, supported by Commissioner Gaboury, and carried that the letter be placed on file.

A copy of the most recent version of proposed mine reclamation rules were received from the DNR. It was noted that on June 15, 1976 the Department of Attorney General certified the amended proposed rules as being legal, and that the proposed rules will be submitted to the proper Legislative committee in early July. Minor changes in the proposal were mentioned. It was moved by Commissioner May that the Chairman of the Environmental Quality Committee send written comments on behalf of the committee on changes in the proposed rules on the Mine Reclamation Act. The motion was supported by Commissioner Cheatham and unanimously carried.

An A-95 application received from CUPPAD for a Volunteer Resource Center of the 95th-B District Court was reviewed. It was moved by Commissioner May, supported by Commissioner Gaboury, and unanimously carried that the report be filed.

A letter received by Commissioner Coombs from K.C. Olson of Ishpeming, Michigan expressing his concern on the pollution of Lake Michigamme was read. It was moved by Commissioner May, supported by Commissioner Cheatham and unanimously carried that a copy of the letter be sent to the Enforcement Division of the DNR, and also to Dr. Richard Potter, asking him to update the situation regarding the pollution of the lake. The motion was unanimously carried.

It was moved by Commissioner Cheatham, supported by Commissioner Gaboury and unanimously carried that the meeting be adjourned.

Respectfully submitted,

Karen Chubb
Secretary

August 10, 1976

Honorable Chairman and Members of the
Marquette County Board of Commissioners
Marquette, Michigan

Ladies and Gentlemen:

A regular meeting of your Environmental Quality Committee was duly called and held on Tuesday, August 10, 1976. During that meeting a letter from Wes Wentela, Secretary to the Forestry Commission, was read advising the committee that the Forestry Commission has allocated \$280.00 for the purchase of birch seedlings to be planted on the Brookridge property.

The planting of the trees has been intended as a Bicentennial Project and your committee recommends the approval of this purchase.

Respectfully submitted,

ENVIRONMENTAL QUALITY COMMITTEE

Chairman

August 10, 1976

Honorable Chairman and Members of the
Marquette County Board of Commissioners
Marquette, Michigan

Ladies and Gentlemen:

Your Environmental Quality Committee held its regular monthly meeting on Tuesday, August 10, 1976 at the County Courthouse. Property owners on Twin Lakes, Republic Township, were present to discuss the petition they had submitted to the Board of Commissioners, and referred to this committee, requesting that a legal lake level for Twin Lakes be determined. The petition is signed by more than 2/3 of the property owners on that lake.

As a result of that meeting, and in accordance with legal procedure, your Environmental Quality Committee recommends that the Board of Commissioners petition the Circuit Court to determine a legal lake level.

Respectfully submitted,

ENVIRONMENTAL QUALITY COMMITTEE

Chairman

August 10, 1976

The regular meeting of the Environmental Quality Committee was duly called and held on August 10, 1976 at 7:00 p.m. in the County Courthouse.

Present: Commissioners Cheatham, Trapp, May, Gaboury, Coombs, and Anderson.

Absent: None

In Attendance: Lyn Johnson, County Planner; Art Draper, Executive Director of AMCAB; Peter Embley; property owners of Twin Lakes, Republic Township.

Mr. Johnson showed the committee a map dealing with the proposal for a campsite by Mead Corporation in Governments Lots #3 and #6, Wells Township. Mr. Johnson had met with the Mead Corporation representatives who stated they would be willing to take care of the maintenance of the park. The corporation would contribute \$3,000.00 to the county's funds for this purpose; the county would have to contract out for the maintenance.

Mead Corporation is intending to contact Wells Township to see if they are interested in the park facility. Mr. Johnson recommended that all campsites in the park be done at one time rather than in various stages.

Mr. Johnson believes the park is more readily accessible to Delta County residents, and reiterated what was stated at previous meetings that in order to obtain a Federal license to generate power using the reservoir the corporation must provide a public recreation site, which must be within the project area.

When asked if the park would be in line with County's recreational plan Mr. Johnson replied that the facility itself is but the area in which it is to be located is questionable.

Mr. Johnson stated maintenance would primarily concern weekly garbage pick-up and cleaning the restrooms. He stated this would cost between \$800.00 and \$1,000.00 per year.

Mr. Johnson stated at this point he wants to find out if Wells Township is interested in the campsite and to obtain a written letter from Mead Corporation of their actual outline plan for the park.

It was moved by Commissioner Anderson, supported by Commissioner Trapp and unanimously carried that the park matter be tabled until the next meeting when the views of Wells Township are obtained and further information is received from Mead Corporation.

Mr. Johnson then discussed the Marquette County Zoning Ordinance with the committee. The Planning Commission is currently setting up a series of workshops in each of eleven townships affected by the ordinance to inform residents in regard to the ordinance. Three meetings will be held in each township.

There is still some question on fees; these have not yet been added to the report. Commissioner Anderson stated he would like comparison figures of other counties' fees once the ones for Marquette County are established.

Commissioner Coombs stated the committee would like to go through each section of the report with Mr. Johnson's assistance in interpreting information.

Mr. Johnson stated maps are presently being finalized showing the areas affected by the ordinance.

Mr. Johnson said the mineral resource district is also included in the report, under Section 219. All changes made at the last Planning Commission meeting are present in the current report.

Mr. Johnson stated, in response to a question by Commissioner May, that the zoning ordinance will not be effective in incorporated township or cities. He added copies of the zoning ordinance are available in each of the township halls.

In response to a question put to Mr. Johnson regarding when it was necessary to hire an architect when constructing a building, he informed the committee an architect is needed when industrial buildings are constructed and those consuming 3200 or 3500 square feet.

Mr. Johnson then left the meeting.

Various Twin Lakes property owners were present to discuss their petition to determine a normal lake level for that lake. Mr. Tuominen presented various photographs to the committee showing the effects of the present lake levels and their variations.

Commissioner Coombs informed the petitioners the means of establishing legal lake levels is through the petitioning of the County Board of Commissioners by the property owners, which they have done. The Board must then petition the Circuit Court to establish a legal lake level which is usually done with information obtained by the DNR or some other valid source.

Mr. Tuominen stated the level of the lake is approximately one foot lower than when he purchased his property, Lot #3, in 1946. The deepest part of the lake at that time was 21'.

A Circuit Court case of Orville Dishno v. Abe Wolfe regarding the placement of a culvert by Mr. Wolfe was mentioned. The settlement provided that Mr. Wolfe remove the culvert and any materials put there by him. The case is #4574.

Mr. Dishno, one of the property owners, asked Mr. Tuominen if he thought the water level had been higher when Mr. Dishno had purchased property on the lake. Mr. Tuominen stated this was his belief.

It was mentioned that the Circuit Court will hold public hearings once they have been petitioned to set a legal lake level and that property owners are usually responsible for the cost of establishing the lake level once it is set.

It was moved by Commissioner Anderson that a recommendation to the Board be made by the Environmental Quality Committee to petition the Circuit Court to establish a legal lake level in Twin Lakes, Republic Township. The motion was supported by Commissioner Trapp and unanimously carried.

Mr. Dishno returned to the subject of the Circuit Court case involving Abe Wolfe and himself. He stated that as a result of the placement of a culvert the level of the lake had risen and flooded his well.

The property owners then left the meeting.

Mr. Draper and Mr. Embley were then asked to present their views regarding a county energy advisory commission, for which purpose they had been invited to attend the meeting. Commissioner Coombs expressed apologies to Mr. Draper concerning the lack of attention to his first letter on this subject.

Mr. Draper listed three facts that must be established before such a commission can be set up.

1. The importance of an Energy Advisory Commission must be acknowledged.
2. Realization that the County is the key governmental unit in rural areas.
3. Creating a favorable economic climate.

Mr. Draper stated low income people, such as senior citizens, are of special interest to him in regard to energy planning. He mentioned high income people pay an average of 5% or \$1,481.00 per year and for a low income approximately \$500.00 or 19% of their income toward energy consumption. He said in 1970 and 1972 #2 fuel oil cost 17¢ per gallon and has gone up steadily from that time. The same is true for natural gas and electricity.

He stated the County government must have necessary information on hand if they are to make decisions, and a mechanism to hear the people's views is also necessary. He believes an advisory commission on energy would: 1) Provide information; 2) Formulate public policy which would aid the Board in making decisions of interest to the people.

Mr. Draper then presented a schematic design on the procedures necessary in implementing this commission. A working committee would be set up to establish the organization and define objectives, such as the commission's function, and how it would be supported. What sectors of the community to be presented on the commission would be established. He feels it should be an in-department of the County government.

The first action of the advisory commission would be outlining activities to be dealt with. These may include data acquisition, energy implementation, consumption projection, inventory of capacity, requirements of productions of energy, alternatives.

Policies would be defined as to what is wanted, what are the alternatives, what will they mean. Public hearings should be held to make people aware of the policies.

The Board would translate recommendations into specific action for the public. The commission would be advisory only; up to the Board to implement. Federal agencies now provide programs which local governments could take advantage of.

Energy producers should be part of the commission, but not in controlling numbers. Commission should be well-informed businessmen, Chamber of Commerce members, County residents, etc. The commission should be representative of the community.

Mr. Draper stated he does not believe the commission would result in a heavy financial burden on the County. Members of the commission would not be paid. Scope of the commission would be defined by the working committee.

Commissioner Anderson stated he felt that since the County government is subject to State legislation they could not set up policies or set rates on energy. He was concerned about having a working committee put in a lot of work and then not be able to implement their suggestions.

Mr. Draper stated that if the commission is even limited to obtaining energy information at least the County Board would then have full knowledge of available data when making decisions. He mentioned the possibility of using tax incentives to promote energy saving plans by the community.

Commissioner Coombs mentioned that national monies are available to counties and are not being used because the local governments are not aware the funds exist. A commission of this type could make the County Board aware of the funds.

Mr. Embley then presented his views. He presented a brief outline of the expansion of power utilities in the Upper Peninsula since 1950. He also informed the Board the Federal Power Commission included the Upper Peninsula in the Upper Midwest Grid and according to Federal plan this grid would at some future date supply their own energy needs.

Mr. Embley agrees with Mr. Draper that the public must be informed. He mentioned a device which is available that shows the areas of heat loss in a building. Favorable rates should be given to homes with small heat waste according to Mr. Embley. He also said a coordinating unit is needed.

Mr. Draper expressed a desire to obtain the support of the Board for some energy proposals. The committee felt more time was needed before a decision is made. Mr. Draper and Mr. Embley then left the meeting.

A letter from Wesley Wentela, Secretary of the Forestry Commission, was read stating \$280.00 has been allocated to purchase white birch trees for the Brookridge property and suggested a service organization plant the trees, and that the area be barricaded so that vehicles will not destroy the seedlings. It was suggested the trees be purchased through David Otteson of the Soil Conservation Department.

It was moved by Commissioner Anderson and supported by Commissioner Cheatham that the Environmental Quality Committee recommend that the purchase and planting of the bicentennial project birch seedlings be approved and that the Board be advised that \$280.00 have been allocated from the Forestry Commission for the implementation of the project. The motion was unanimously carried.

Commissioner Coombs informed the committee he has reviewed the Kalkaska County Dog Ordinance and compared it to Marquette County's tentative ordinance. He mentioned that the Kalkaska ordinance defines the duties of the Animal Control Officer and that licensing and vaccination of dogs are required. He felt the Board may wish to adopt a job description for the position.

\$10,000.00 has been appropriated in the budget for the Humane Society to build a shelter. The Board may wish to include an Animal Control Officer in the budget also. The Humane Society needs \$33,000.00 to build and staff the shelter. The Prosecuting Attorney is presently reviewing the Marquette County Ordinance.

Commissioner May suggested one or two people get together with people from the Humane Society to put together a proposal to be presented to the Board by the Environmental Quality Committee. Commissioner Coombs suggested members of the Humane Society be invited to attend the next Environmental Quality meeting so that their opinions may be heard.

It was noted that by simply enforcing State laws at present the County would save the expense of setting up its own ordinance.

It was stated fines would be determined by District Court and Houghton County has found that fines take care of many of their expenditures. Only a portion of the fines are kept by the County. It was noted that Michael Zorza of Emergency Preparedness may be able to find a vehicle to be used by the Animal Control Officer.

It was moved by Commissioner Gaboury, supported by Commissioner May that the Budget and Executive Committee and Personnel Committee be asked to consider the establishing of a position in the Sheriff's Department of Animal Control Officer. The motion was unanimously carried.

Commissioner Coombs then presented a report and recommendations of the Environmental Protection Agency on the presence of the chemical PCB in fish. The EPA recommends in preparing fish with a possible PCB content they should be broiled rather than fried or baked. The EPA also suggests limiting a meal of fish to one per week. PCB is found in inks and dyes and is a byproduct of burnt cardboard. Loss of hair and sore formations are results of this type of poisoning. Fish from inland lakes and streams in the Upper Peninsula are free of PCB.

The subject of dumping raw sewage on land was brought to the attention of the committee by Commissioner May. Commissioner May talked to Don Klumb in regard to his on-land sewage dumping. About 60% to 70% of sewage he is picking up is from Edgewater Motel. This will be alleviated sometime in September when equipment necessary to hook up to the sewage system arrives. Al Budinger had informed Commissioner May that a permit had been issued to Mr. Klumb for such dumping. Mr. Klumb is currently burying the sewage in 4' to 5' deep holes but no requirements force him to do so. He could dump the sewage in Ishpeming but has not done so because of the expense. Tom Sodergren, Jet Septic and Bill Glass are also dumping sewage.

It was suggested Dr. Potter be asked to discuss this matter with the Health Board regarding the current policy and whether the policy should be more specific. It was moved by Commissioner May, supported by Commissioner Cheatham and unanimously carried that a letter be sent to the Marquette County Health Board asking about their dumping policy.

The committee then reviewed the A-95 applications.

It was moved by Commissioner Anderson and supported by Commissioner Gaboury that the application dealing with Training Assistants for Local Units of Governments be given a favorable comment by the committee. The motion was unanimously carried.

The application of Urban Transportation Planning for Marquette, Negaunee and Ishpeming was reviewed and it was moved by Commissioner Cheatham, supported by Commissioner Anderson and unanimously carried that the committee comment favorably on this project.

A Traffic Volume Estimates and Patterns application was noted which will estimate the average daily traffic count. It was moved by Commissioner May, supported by Commissioner Anderson and unanimously carried that this application be filed.

A plan to undertake a Planning System Studies was reviewed which would involve the development of a comprehensive land use/multi-modal transportation systems plan. Commissioner Anderson moved the plan be commented upon favorably by the committee. His motion was supported by Commissioner Cheatham and unanimously carried.

A \$1,000,000.00 project dealing with resurfacing, joint repair, and shoulder surfacing U.S. 41 from Western Marquette County East to M-95 was reviewed. The committee felt this was a very beneficial project and it was moved by Commissioner Anderson, supported by Commissioner May and unanimously carried to comment favorably on this project.

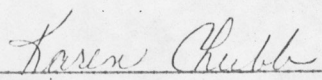
An application dealing with the construction of a change house in Trowbridge Park was reviewed. The cost is estimated to be \$10,000.00. It was moved by Commissioner Anderson, supported by Commissioner Cheatham and unanimously carried that the report be commented upon favorably by the committee.

A Comprehensive Services to the Aged application was noted. It was moved by Commissioner Anderson, supported by Commissioner Trapp that the application be recommended favorably. The motion was unanimously carried.

A list received from the Army Corps of Engineers was brought to the committee's attention, stating permits issued for construction work on waterways. It was noted that Baraga County was issued a permit to construct a boat ramp and Keeweenaw County was issued permits for the construction of a crib dock and boat launching ramp.

It was moved by Commissioner Trapp, supported by Commissioner May and unanimously carried that the meeting be adjourned.

Respectfully submitted,


Secretary

Minutes
of
Upper Peninsula RC&D Council
RC&D Project Office
August 20 1976

The bi-monthly meeting of the U.P. RC&D Council was called to order by Sulo Harkonen in the absence of chairman Robert Godell.

Present: Sulo Harkonen - Central Region Ray Schaefer - Eastern Region
 John Helsel - Central Region John Strancel - Western Region
 Rick Hartwig - U.P. Extension Service
 M. E. Kangas - RC&D Project Coordinator

The minutes of the previous meeting were approved as read.

The financial report showed a balance on hand of \$797.06. John Helsel made the motion to accept the financial report. Motion carried.

Harkonen suggested that the U.P. committee get some kind of feedback from consulting foresters. Kangas reported that he will discuss it at the U.P. RC&D Forestry Committee meeting in October.

Hartwig reported that the Extension Service has a new forester, David D. Olson who replaces Roy Skog. Hartwig also reported that Richard Leep is the Extension's new Crops and Soils Specialist working in the Upper Peninsula.

Kangas reported that the Forestry Committee is still optimistic that the U.P. RC&D Area will be provided an RC&D forestry position.

P.C. Kangas reviewed the active RC&D measures in the Upper Peninsula. He stated that work has started on the Chocoley River Stream Bank Stabilization measure. The Ahmeek Flood Prevention measure contract is also completed. Among other active measures are the Marquette City & County Critical Area Measures, the Mackinac County Road Bank Stabilization, Schoolcraft. Co. Critical Area Treatment and the Private Woodland Management Program through professional forestry consultants.

Harkonen reported on the Upper Great Lakes Committee activities as they relate to RC&D. He also discussed the possibility of a State-wide RC&D Committee of Soil Conservation Districts be organized to provide more RC&D input at state-wide SCD meetings. It was moved by Strancel, supported by Schaefer, to have Sulo Harkonen explore further, the possibility of a state-wide RC&D committee.

The topic of insurance for wood producers was discussed. It was agreed to invite Pete Grieves to the next meeting to discuss insurance coverage for wood producers.

Also discussed was the possibility of providing a price reporting service for small woodland owners. This will be followed up at the U.P. RC&D Forestry Committee meeting.

Following a general discussion of RC&D activities, the meeting adjourned at 9:45 PM. Next meeting will be held on October 15, 1976, in the RC&D Project Office, Marquette.

Ray Schaefer, Secretary

September 14, 1976

Honorable Chairman and Members of the
Marquette County Board of Commissioners
Marquette, Michigan

Ladies and Gentlemen:

At the September 14, 1976 Environmental Quality Committee letters from the Department of Natural Resources and Dr. Potter, Marquette County Health Department director, were read which outlined the potential hazard to both Lake Michigamme and to the health of Michigamme residents due to septic tank leakage.

In view of the serious affects this may have on the environment and the community your committee recommends approval of the attached resolution, and that copies be sent to Representative Dominic Jacobetti; the Central Upper Peninsula Planning and Development Commission; the Environmental Protection Agency; and the DNR's Bureau of Environmental Protection.

Respectfully submitted,

ENVIRONMENTAL QUALITY COMMITTEE

Chairman

September 14, 1976

The Environmental Quality Committee was duly called and held on September 14, 1976 at the County Courthouse.

Present: Commissioner Coombs, Trapp, Gaboury, Cheatham, Anderson and May.

Absent: None.

In Attendance: Michael Anderegg and Mrs. Steve Adamini, representatives from the Humane Society; George Watters, Marquette County Township Association; and Lyn Johnson, County Planner.

Members of the Humane Society and Township Association attended to discuss cooperative efforts between their organizations and the County in establishing a dog shelter, warden and ordinance.

Commissioner Coombs stated some townships have dog wardens as do the three cities in Marquette County. The committee is concerned that the townships will discontinue their programs if the County sets up an Animal Control program.

Commissioner Coombs said the committee had talked with the Houghton Animal Control Officer to discuss Houghton County's program. They had been told it took two years to establish an effective program.

Commissioner Trapp stated an Animal Control Officer has been budgeted for 1977. She added \$10,000.00 has been carried over to the 1977 budget from 1976 to aid in building the shelter. The shelter will cost \$34,000.00.

Mrs. Adamini stated the Humane Society has raised \$5,000.00 in 1976. Operating expenses were \$1,000.00 since January 1, 1976. However, such expenditures as an answering service are one time expenses.

Mr. Anderegg expressed a belief that enough money is coming into the Humane Society to operate a shelter if they had one. The problem is the time involved in raising funds for the project. There are enough volunteers to operate the shelter.

George Watters asked if it would have been a good idea to use the \$10,000.00 in 1976 in the hope the County would re-budget the amount for 1977.

Commissioner Anderson asked how long it had taken to raise the \$5,000.00. Mrs. Adamini said they have been raising funds since June or July of 1975. Commissioner Anderson also asked if they had considered using a professional fund raiser. This possibility had been considered by the Humane Society according to Mrs. Adamini.

Mr. Watters suggested the County budget \$10,000.00 for three years which would then be enough to construct the shelter. Mr. Watters feels the building will be self-supporting once it is completed. He added the Sheriff would be responsible for the enforcement of the ordinance.

Mr. Anderegg stated the advantage of having a County Animal Control Ordinance and officer is that you can establish the program to meet the County's requirements.

Commissioner Trapp stated she thought townships were under no obligation to keep their ordinance if the County should establish one.

In the first three years of operation Houghton County spent \$8,000.00, \$12,000.00, and \$15,000.00 during 1973, 1974 and 1975 respectively.

Mrs. Adamini stated they felt people would donate time to operate the facility. The organization will be placing an ad in the paper to create interest in the program. The corporate interests will also be solicited.

Commissioner Anderson suggested the possibility of obtaining successful organization plans from the National or State Humane Society organizations. They have obtained Dickinson County's plan.

Mr. Anderegg stated their major source of income is their adoption service. Mr. Watters stated fees for licenses could be increased bringing in more money. Ishpeming Township charges \$3.00 for Board and \$5.00 for disposal. The shelter cares for 8 to 10 dogs.

The representatives from the Township Association and Humane Society stated the biggest problem is the lack of a shelter. A building site is available near the County airport. Mr. Watters stated training an officer may be a problem. He mentioned a station wagon had been purchased from the State Police for use by their control officer.

Mr. Anderegg stated he had reviewed the County ordinance and some sections could be deleted. The ordinance also makes provisions for other animals besides dogs.

Mr. Watters asked if Dr. Potter had seen the ordinance as he had made changes in the Ishpeming Township Ordinance.

Commissioner Coombs asked if Mr. Watters felt Ishpeming Township would maintain their Animal Officer. Mr. Watters felt coverage would not be adequate if they did not do so. It was Mrs. Adamini's understanding that the townships intended to keep their shelters operating.

Commissioner Coombs mentioned applying for an EDA grant for building the shelter. Commissioner Trapp stated projects must be \$100,000.00 for this grant.

Commissioner Anderson stated the Board does not want the Humane Society to fold up. If it can be assured Humane Society will continue they should solicit corporate interests for funding. He mentioned the possibility of supplying a high school with building materials and ask their industrial education students to construct the facility. In the past, however, the school has sold the buildings they constructed for a profit, hence they may not be willing to do this.

Commissioner May expressed concern in setting up an ordinance without any past experience in animal control. She also asked if the shelter would be turned over to the Humane Society or would the County lease it to them. Mr. Anderegg feels the Humane Society should present proposals for maintenance, etc. to the committee.

Mrs. Adamini stated a shelter for more than three dogs would have to pass a Public Health inspection. Mrs. Adamini then left the meeting.

Mr. Anderegg stated that subsection 4 (e) of the ordinance should be clarified. Also, section 3 concerning what animals to regulate and subsection 5 (d) which covers dogs showing vicious habits. The statement regarding public right of way is confusing and could be deleted.

A job description for an Animal Control Officer will define duties and outline control coverage according to Mr. Anderegg. He then left the meeting.

Mr. Watters asked about on-land disposal. Commissioner May had talked to Al Budinger concerning this and he stated dumping can be on the surface ground if a person desires to do so. Commissioner Coombs read a letter from Dr. Potter regarding on-land sewage disposal which stated the County Health Board does not have a policy covering this matter. The act covering land disposal stated waste can be disposed of within a set number of yards of a residence on private property in the absence of a municipal plant.

Act 243 of P.A. 1951 states the Health Committee of the Board of Supervisors, among others, can set up regulations regarding this.

Commissioner Coombs felt the committee should recommend to the County Health Board to establish regulations as provided by Act 243. Commissioner May stated uniform fees should be set for on-land disposal for the entire County.

Mr. Watters then left the meeting.

Commissioner Coombs noted that Mr. Klumb had stated he was going to dump on railroad property but found this was not available. It was noted regulations would increase expense.

Commissioner May believes the committee should send a letter to the Health Department asking them to attempt to establish a uniform rate for dumping in all municipal plants and to set up regulations regarding disposal of septic tank waste. Commissioner Coombs said the DNR is required to enforce regulations. The above was so moved by Commissioner May, supported by Commissioner Cheatham and unanimously carried.

Lyn Johnson entered the meeting. He presented a map of Republic Township which shows the different types of districts defined by the zoning ordinance. Some areas have been designated as seasonal dwelling districts so that people will not move there permanently as services will not be available. There are also mineral, residential, rural residential, and open space districts, among others. The zoning ordinance follows the County land use plan. Mobile homes must be treated as single family homes.

The County Planning Commission will administer the ordinance. A Zoning Board of Appeals will be formed for reviewing violations, complaints, etc. These people would be appointed by the Planning Commission.

Mr. Johnson informed the committee Tilden and Republic Townships must be met with yet regarding the ordinance. The Planning Commission will also meet with C.C.I. concerning the mineral resource districts, which have been approved by the County Planning Commission.

Mr. Johnson noted the property value of land is affected by zoning ordinances. Re-zoning will not cause problems when the time comes to do so. Townships have review rights and can present recommendations to the Planning Commission when re-zoning is being done. Zoning is based on the current economic situation and ordinances usually have to be reviewed and updated every six to seven years.

Commissioner Anderson asked the definition of open space. Mr. Johnson said these are lands owned by the State, corporations, inaccessible or swampy.

The intent of each district is spelled out in the ordinance. Mining companies had been asked to outline land which will be used for mining up to the year 2020. The intent of a zoning ordinance is protective not restrictive. It was stated the U.P. Land Owners Association is against all land use legislation and control.

On October 21, 1976 there will be a Public Hearing in the Circuit Court Room at 7:00 p.m. on the Zoning Ordinance.

Mr. Johnson then left the meeting.

A letter from the DNR was read regarding pollution conditions in Michigamme and surrounding areas which related actions of Michigamme Township in attempting to alleviate the problem.

A communication from Dr. Potter responding to a letter by K.C. Olson of Ishpeming regarding pollution stated 50% of the private wells in that area are bacteriologically unsafe. The problem can be solved with private systems but must be done with public assistance. The letter also asked for the committee's conclusions on the information submitted by Dr. Potter.

Discussion took place on possible ways to deal with this situation. The committee mentioned the possibility of passing a resolution to be sent to Jacobetti indicating the seriousness of the sewage treatment and water supply problem. Copies would also be sent to CUPPAD, EPA, and the DNR's Bureau of Environmental Protection. The above was moved by Commissioner Anderson, supported by Commissioner Cheatham, and carried unanimously.

A communication from the State Youth Conservation Corps coordinator requesting proposals for 1977 YCC projects was read. Commissioner Coombs suggested proposing improvements at Perkins Park. \$185,000.00 has been allocated for 1977 projects.

A copy of the communication will be forwarded to the Parks Commission for their study and action, if feasible. This was moved by Commissioner Trapp, supported by Commissioner Gaboury and carried unanimously.

The subject of establishing an Energy Advisory Commission was discussed. It was mentioned that Mr. Embley has been a strong supporter of this project. Commissioner Coombs stated perhaps someone should keep up on available energy grants, etc. that can be used by the County.

Commissioner Coombs would like to present energy saving plans for the next meeting. This suggestion was so moved by Commissioner Trapp, supported by Commissioner Anderson and unanimously carried.

A notice of a Public Hearing on a "Proposed Circulating Water System in the Dead River and Presque Isle Harbor", from the Corps of Engineers, was read. Following a discussion, it was decided to send a copy to Bill Robinson of the Save Lake Superior Shoreline organization.

A copy of a construction permit issued to Tilden Mining Company for a tailings retention reservoir was read and discussed. It was noted no hearing was mentioned in the communication. It was moved by Commissioner Cheatham, supported by Commissioner Anderson, and carried unanimously to place the communication on file.

Commissioner Coombs mentioned a telephone call from Leon Cook of the DNR stating he would like to meet with Environmental Quality Committee to discuss three or four proposals from firms to conduct a feasibility study on Lake Michigamme. The committee will set up a meeting with Mr. Cook for September 27, 1976 at 7:00 p.m.

A list of permits issued by the Corps of Engineers for construction near or on water ways was presented. It was noted that Houghton County is expanding a Marina. It was moved by Commissioner Anderson, supported by Commissioner Cheatham and unanimously carried to file the communication.

A copy of minutes received from the Upper Peninsula RC&D Council meeting of August 20, 1976 was noted. It was moved by Commissioner Cheatham, supported by Commissioner Gaboury and carried unanimously to file the communication.

A communication from Elm Research Institute on treating Dutch Elm disease was presented which stated they will provide materials to fight the disease if citizens will administer the treatment. Equipment will be provided for a small rental fee. Commissioner Anderson stated Mr. Nyquist suggested purchasing equipment for County use.

This communication will be sent to the Forestry Commission with a recommendation that if it is feasible to do so this treatment can be administered to County trees and any other municipal or township trees. It was so moved by Commissioner Anderson, supported by Commissioner Cheatham and carried unanimously. The letter will also indicate the County is looking into the cost of barricading Brookridge property.

A permit from the Department of Army for erosion control on Presque Isle was noted. It was moved by Commissioner Anderson, supported by Commissioner Gaboury and carried unanimously to file the communication.

Several A-95 reviews were noted: a) Renovation for senior citizen centers in several counties. b) Replacement of a critical bridge at a cost of \$55,000.00. c) Road Commission to undertake replacement of a culvert for \$10,000.00. d) Replacement of a culvert for \$10,000.00. e) Replacement of a bridge with a culvert. f) \$15,000.00 for replacement of culvert by Dead River Storage Basin. g) \$25,000.00 for DNR project for State Forest Campground with bathroom facilities. h) Bass Lake Forest State Campground renovation project consisting of 15 acres. i) State Forest campground in Marquette County for Anderson Lake. j) Undertake employment training for unemployed, underemployed, and economically disadvantaged persons. k) Renovation of existing structure for services to elderly. Application is from the City of Ishpeming in the amount of \$158,510.00. l) General highway improvement for County Road 480 at a cost of \$1,143,000.00. m) Commission on Aging application for Retired Senior Volunteers Program.

It was moved by Commissioner Cheatham that these be approved as presented, supported by Commissioner Anderson, and carried unanimously.

Commissioner Coombs mentioned attending the EPA Township meeting. He questioned Mr. Tanner concerning permit reviews arriving late and Mr. Tanner wants to be notified when these arrive late and which permit it is.

It was then moved by Commissioner Cheatham, supported by Commissioner Anderson and carried unanimously that the meeting be adjourned.

Respectfully submitted,

Karen Chubb
Secretary

September 27, 1976

Honorable Chairman and Members of the
Marquette County Board of Commissioners
Marquette, Michigan

Ladies and Gentlemen:

Your Environmental Quality Committee held a special meeting on September 27, 1976 with Mr. Leon Cook of the Department of Natural Resources to discuss proposals from engineering consultants to conduct an engineering study on Lake Michigan using funds provided from the Department of Natural Resources. Proposals were requested from Brown and Root, Inc., Chicago, IL; Coleman Engineering Co., Iron Mountain, MI; Harza Engineering Co., Chicago, IL; Engineering Consultants, Inc., Ishpeming, MI; Gourdie Fraser & Associates, Inc., branch office in Marquette, MI; Northern Michigan Soils and Materials Testing, Green Bay, WI; and Spooner Engineering North, Oshkosh, WI. Proposals were received from all firms with the exception of Gourdie Fraser and Associates, Inc. Northern Michigan Soils and Materials Testing and Spooner Engineering North submitted a joint proposal.

After studying the proposals presented it was the consensus of the committee that the proposal submitted by Brown and Root, Inc. was the most feasible as their cost estimate of \$9,500.00 provides a financial margin. Your committee recommends Brown and Root, Inc. be contacted to conduct the Lake Michigan engineering study and that they be paid by funds received from the Department of Natural Resources for that purpose.

Respectfully submitted,

ENVIRONMENTAL QUALITY COMMITTEE

Chairman

September 28, 1976

A special Environmental Quality Committee meeting was duly called and held on September 27, 1976 at 7:00 p.m. at the Courthouse.

Present: Commissioners Trapp, Cheatham, Gaboury, May and Coombs.

Absent: Commissioner Anderson.

In Attendance: Leon Cook of the Department of Natural Resources.

The purpose of the meeting was to discuss proposals submitted to the Department of Natural Resources for an engineering study on Lake Michigamme.

Mr. Cook stated he had invited different engineering consultants to submit proposals on conducting an engineering study on Lake Michigamme. Letters were forwarded to six firms which the DNR has had experience with, and who have experience in this field. These firms are: Brown and Root, Inc. of Chicago, Illinois; Coleman Engineering Company of Iron Mountain, MI; Harza Engineering Company of Chicago, Illinois; Engineering Consultants Incorporated of Ishpeming, MI; Gourdie Fraser & Associates, Incorporated, branch office in Marquette, MI; Northern Michigan Soils and Materials Testing, based in Green Bay, WI; and Spooner Engineering North, Oshkosh, WI.

Spooner and Northern Michigan Soils and Materials Testing submitted a joint proposal and Gourdie Fraser Associates, Inc. declined submitting one.

Mr. Cook stated the DNR has had the most experience with Brown and Root, Inc. Coleman Engineering, according to Mr. Cook, has worked with Cleveland Cliffs and is primarily a soil firm. Harza has a world wide scope of experience and Engineering Consultants, Inc. has been basically involved in dike and earth embankment work.

Mr. Cook presented the various proposals to the committee. He stated the \$15,000.00 had to be committed by October 1, 1976 and to avoid going through red-tape the money was given to the Board of Commissioners. He stated the engineering contractors would probably begin without a contract. The project can be paid in one sum or on a time and materials basis. Mr. Cook felt the County would benefit on a time and materials contracts. He noted some firms did not estimate the cost of the study.

Mr. Cook has informed the firms the final report must be done by March of 1977. Mr. Cook stated a month should be plenty of time to do the study and no firm expressed concern regarding the March deadline.

The committee briefly studied the Brown and Root, Inc. proposal in regard to field and office work they proposed. The proposal includes determination of the potential high water level which Mr. Cook stated is important because the current dam cannot control high water levels.

If annual damage is determined to be serious a new structure must be built downstream. The County should know how detailed the downstream site study would be.

The Brown and Root project estimate of \$9,500.00 allows a leeway for necessary, additional work unforeseen at this point. This firm has had more experience than the others in Michigan.

Coleman Engineering Company has done earth embankment designs. However, the project at Michigamme is not this type. Coleman did not present a cost figure.

Engineering Consultants has had dam design experience and one man on their staff has experience in hydrology. Their estimate is \$20,000.00 but Mr. Cook believes the cost could be negotiated to \$15,000.00. Engineering Consultants included the cost of demolition which no other firm included.

Harza broke the study into two steps. They estimated the project would require 769 man-hours. According to Mr. Cook this would be at \$30.00 to \$35.00 per hour which is approximately \$25,000.00 for the project.

Spooner and Northern Michigan Soils and Materials Testing submitted the most thorough proposal, according to Mr. Cook, however, they do not state the cost. Mr. Cook believes it would exceed \$15,000.00.

Commissioner May asked if the firms would discuss the study with the residents of Michigamme. Mr. Cook felt they would have to talk with property owners on the lake to find out what problems are being experienced. Affidavits may be requested from residents, also.

The cost effectiveness of constructing a new dam may be determined by weighing the cost of a dam to the cost of annual damages according to Mr. Cook.

Mr. Cook also stated any money not used for the study reverts back to the Department of Natural Resources.

Commissioner Coombs said firms not giving an estimate could be contacted for a figure and the committee informed and polled.

Commissioner Trapp noted that Brown and Root, Inc.'s proposal of \$9,500.00 would give the County a financial margin. It was moved by Commissioner May the committee recommend to the Board that Brown and Root, Inc. be contacted to do the Lake Michigamme engineering study and that they will be paid by the grant from the Department of Natural Resources. The motion was supported by Commissioner Trapp.

A discussion was held on the contract with Brown and Root, Inc. It was the feeling of the committee this should be done on a time and materials basis. The motion was then carried unanimously.

Mr. Cook stated the DNR would be glad to review the contract and meet with the firm. Mr. Cook will contact Brown and Root, Inc. who in turn will be asked to contact Gary Yoder.

Mr. Cook provided a copy of the letter the DNR forwarded to firms asking for proposals and what the study entailed for the committee's information.

It was moved by Commissioner Trapp, supported by Commissioner May and unanimously carried to adjourn the meeting.

Respectfully submitted,

Karen Chubb
Secretary

October 12, 1976

Honorable Chairman and Members of the
Marquette County Board of Commissioners
Marquette, Michigan

Ladies and Gentlemen:

During the October meeting of your Environmental Quality Committee a letter was read from Thomas McNabb, Marquette City Manager, indicating a desire that a member of the Marquette County Board of Commissioners be represented on the Three County Solid Waste/Resource/Recovery Implementation Committee.

Your Environmental Quality Committee believes it is important that the County be represented on this committee and recommends that the Board authorize the Chairman to appoint someone to do so.

Respectfully submitted,

ENVIRONMENTAL QUALITY COMMITTEE

Chairman

October 12, 1976

The Environmental Quality Committee was duly called and held on October 12, 1976 at 7:00 p.m.

Present: Commissioners May, Cheatham, Gaboury, Coombs.

Absent: Commissioners Trapp and Anderson.

In Attendance: Gary Yoder, County Controller; Gerald Bacus, Brown and Root, Co. representative; and Commissioner Leadbetter.

Commissioner Coombs called the meeting to order.

Commissioner Coombs noted the Environmental Quality Committee had recommended the acceptance of Brown and Root's proposal to do the engineering study as a result of a September 27, 1976 meeting with Leon Cook of the DNR. At the October Board meeting the matter was referred back to the Environmental Quality Committee.

Mr. Bacus stated he had been contacted by Mr. Cook in July regarding the study and that his firm has done a great deal of work in Michigan. He was given no guidelines on what the study would entail nor was he requested to give an estimate.

Brown & Root's proposal was briefly studied by the committee. The study proposed a public meeting so people could voice their opinions. The proposal was divided into two parts: a) gathering information to determine a legal lake level; b) prepare a report on repairs or reconstructions of existing structure to control level. Mr. Bacus stated it must be determined if the structure should be repaired, replaced, or moved someplace else once a legal lake level is established. He stated the report must be published and circulated to the public.

Mr. Bacus stated Brown and Root would provide an itemized account of work done, rate of pay, what each person did on the job, travel time and administrative work. Receipts for expenses would be provided. He also stated a rate structure for personnel can be made available to the County.

Commissioner May stated she would like to know the percentage of cost for travel and total man hours. Commissioner Leadbetter believes closer comparisons should be made by firms proposing work.

Mr. Bacus stated this is an ideal time to conduct the study because of the low lake level.

Mr. Bacus mentioned the figure provided by Brown and Root is an estimate. Unusual number of meetings, etc. would affect the estimate. He didn't believe a definite figure could be given.

Mr. Bacus then left the meeting.

A discussion was held on the proposals submitted by Brown and Root and Engineering Consultants. It was mentioned that a Spring check-up was included in the Engineering Consultant's proposal.

Commissioner Leadbetter stated he is in favor of having the work done by a local firm if both firms are going to do the same work.

Commissioner May stated more interviews should be done. It should be determined how many people and how many trips would be involved in conducting the study. Also rate structures and estimates of man hours should be provided.

It was noted that Mr. Cook's letter to each firm was identical regarding the proposal request. It was also noted that Mr. Cook had been present during the Michigamme Lake Level Public Hearing.

It was moved by Commissioner May that Leon Cook be contacted by phone and asked to provide a list of items that are necessary to be completed in order to get a decent study. This list would then be submitted to the various firms asking for proposals if they are still interested. Interviews would be set up for the next Environmental Quality Committee meeting. Basic rates should be requested also. The motion was supported by Commissioner Cheatham and carried unanimously.

A letter from Tom McNabb, received by Commissioner Coombs, was noted indicating he would like a County representative on the Three County Solid Waste/Resource/Recovery Implementation Committee. The communication listed the members on the committee and noted their next meeting will be November 5, 1976.

It was moved by Commissioner May and supported by Commissioner Cheatham that the committee recommend to the Board that they feel it is important a member of the County Board of Commissioners be represented on this committee and request the Chairman to appoint someone to do so. The motion was carried unanimously.

A report regarding a United States Army Corps of Engineers Hearing on Presque Isle Erosion and Proposed Solutions was presented by Commissioner Coombs. The presentation had been made by Louis Kowalski of the Engineering Section.

It was noted that the Corps of Engineers is responsible for the upkeep of all construction they do. During the hearing alternatives to deal with the erosion problem were presented. The Corps proposed doing a combination of the alternatives which included construction of a groin.

It was noted the first break water was built in 1918 or 1920, and the extension was added in 1933, which the Corps of Engineers believes has caused the most damage.

Commissioner May questioned the possible affects construction would have on other parts of the shoreline. Commissioner May moved that a letter be sent to Louis Kowalski, Army Corps of Engineers, and a copy be sent to John Hughes, Northern Michigan University Geography Department stating concerns expressed by the committee and asking for comments. The motion was supported by Commissioner Gaboury and carried unanimously.

A letter from the County Health Department regarding a resolution submitted by Chocoley Township regarding land use restrictions and flood hazards was noted. It was moved by Commissioner Cheatham that the letter be filed, supported by Commissioner Gaboury and carried unanimously. It was noted this matter has been dealt with by the Board already.

The committee discussed a letter from Representative Jacobetti that was presented to the Board. A copy will be retained in the Environmental Quality Committee file. It was noted that the Michigamme water system project is #346 of 567 projects and copies of the letter were sent to Michigamme, CUPPAD and the Water Development Services of DNR.

Notice of Permits Issued by the Corps of Engineers for construction work on various waterways was presented. It was noted that Baraga County has received a permit to improve campground and recreation facilities on Keweenaw Bay, and Houghton County has received a permit to construct a dike for protection of storage tanks on Portage Lake, Keweenaw Waterway.

Several A-95 reviews were studied. They are as follows:

a) A request by the Marquette County Road Commissioner for \$155,000.00 to re-cap County Road 581. This road goes south of Greenwood and Clarksburg Location. It was moved by Commissioner Cheatham, supported by Commissioner Gaboury and carried unanimously that this project be commented upon favorably.

Commissioner May noted State law now requires that new and reconstructed roads provide areas for non-motorized vehicles and suggested a letter from the Environmental Quality Committee be sent to the Road Commission stating all avenues should be explored in providing this service. It was so moved by Commissioner Cheatham and supported by Commissioner May. In discussion, it was noted that if money is available this should be considered. The motion was carried unanimously.

Commissioner May noted she has received favorable comments regarding the recently completed bike path.

b) \$298,250.00 request for new surface and shoulder on K.I. Sawyer AFB access road in West Branch Township. It was moved by Commissioner Cheatham, supported by Commissioner Gaboury and carried unanimously that this project receive a favorable comment. c) Construction of U.P. Federal Surplus Warehouse in Delta County for \$300,000.00. It was moved by Commissioner Cheatham and supported by Commissioner May to file the report. The motion was carried unanimously. d) A request for \$5,000,000.00 for Vocational Skill Center. It was moved by Commissioner May, supported by Commissioner Gaboury and carried unanimously to comment favorably. e) Construct a crime lab in Negaunee at a cost of \$400,000.00. It was moved by Commissioner May, supported by Commissioner Cheatham and carried unanimously to comment favorably. f) A request for \$100,000.00 for construction of a Marquette Hatchery Wet Lab/Storage/Shop Building. It was moved by Commissioner Cheatham supported by Commissioner Gaboury and carried unanimously to comment favorably. g) Renovation of the Upper Peninsula MSU Field Station in Chatham for \$500,000.00. It was moved by Commissioner May, supported by Commissioner Gaboury and carried unanimously to file. h) Construct a corrections camp at Marquette for \$1,000,000.00. Commissioner May stated there are many walk ways in the Chocolay area from corrections camps. She would like more information on: 1) Where it will be located. 2) Type of construction (will it be fenced?). 3) Staffing ratio of guards to prisoners. It was moved that this information be obtained by Commissioner May, supported by Commissioner Gaboury and carried unanimously. i) Request of \$350,000 for a water storage tank in Ishpeming Township. It was moved by Commissioner Gaboury, supported by Commissioner Cheatham and carried unanimously to file the review. j) Application from Alger-Marquette Community Action Board to assist low-income people. The request is for \$132,250.00. It was moved by Commissioner Cheatham, supported by Commissioner May and carried unanimously to comment favorably on this project.

The Animal Control Officer job description was discussed. Commissioner May stated she was under the impression the officer would pick up dogs but that the Humane Society would maintain the facility and dispose of animals. She suggested a letter be sent to the Personnel Committee that overseeing of the shelter is the responsibility of the Humane Society. It was moved by Commissioner May that such a letter be sent regarding Items 2 and 3 of the Animal Control Officer job description noting that it was not the intent of the Environmental Quality Committee that the Animal Control Officer be responsible for those duties but that it would be the responsibility of the Humane Society to staff and maintain the shelter. The motion was supported by Commissioner Gaboury and unanimously carried.

There being no further business to attend to it was moved by Commissioner Gaboury, supported by Commissioner May and unanimously carried to adjourn.

Respectfully submitted,

Karen Chubb
Secretary

November 9, 1976

Honorable Chairman and Members of the
Marquette County Board of Commissioners
Marquette, Michigan

Ladies and Gentlemen:

During their November 9, 1976 meeting, your Environmental Quality Committee discussed proposals regarding the engineering study on Lake Michigamme, submitted in response to a specific outline of items forwarded by the committee. Present were representatives from the firms of Coleman Engineering Co, submitting a project estimate of \$10,120.00; Engineering Consultants, Inc., estimating the cost of the project at \$11,038.00; Spooner Engineering-North and Northern Michigan Soils and Materials, submitting a joint proposal of \$13,575.00. Communications were also received from Harza Engineering Co., who did not present a project estimate, and Brown and Root, Inc., whose estimate was \$9,500.00.

As a result of this meeting your committee recommends, via a motion by Commissioner Cheatham, supported by Commissioner Gaboury, that the Board contract with Coleman Engineering Co. of Iron Mountain, MI, whose estimate was \$10,120.00, to perform the engineering study on Lake Michigamme.

Respectfully submitted,

ENVIRONMENTAL QUALITY COMMITTEE

Chairman

November 9, 1976

Honorable Chairman and Members of the
Marquette County Board of Commissioners
Marquette, Michigan

Ladies and Gentlemen:

A letter was received from John Hughes, Head of NMU's Geography Department in response to a query made by your Environmental Quality Committee concerning the effect the proposed construction of a groin, by the Army Corps of Engineers, near Picnic Rocks, Marquette, MI, to reduce erosion, would have on the shoreline. In his letter, Mr. Hughes stated the construction of the groin will have no detrimental effects on the shoreline.

As a result of this communication your committee voted to recommend that the above project, which includes the nourishment of the beach with non-polluting sediments, be endorsed by the Board of Commissioners. Ayes: Commissioners Anderson, Coombs, Cheatham and Gaboury. Nays: Commissioner May.

Respectfully submitted,

ENVIRONMENTAL QUALITY COMMITTEE

Chairman

November 9, 1976

Honorable Chairman and Members of the
Marquette County Board of Commissioners
Marquette, Michigan

Ladies and Gentlemen:

A letter was received by your Environmental Quality Committee from Gary Walker, Prosecuting Attorney, concerning the determination of a legal lake level for Twin Lakes, Marquette County. Mr. Walker informed the committee that a resolution stating the means in which the project will be financed must be passed by the Board of Commissioners.

As a result of the information provided by the Prosecuting Attorney your committee recommends that the Board approve the attached resolution to comply with the necessary steps to determine a legal lake level for Twin Lakes.

Respectfully submitted,

ENVIRONMENTAL QUALITY COMMITTEE

Chairman

RESOLUTION

WHEREAS, two-thirds of the property owners on Twin Lakes, Marquette County, signed and submitted a petition to the Marquette County Board of Commissioners requesting that a legal lake level be determined for Twin Lakes; and,

WHEREAS, the Marquette County Board of Commissioners acted unanimously to have the Circuit Court petitioned to ascertain a legal lake level; and,

WHEREAS, a means of financing the project must be established; then,

THEREFORE BE IT RESOLVED, that the Marquette County Drain Commissioner set up a special assessment district for Twin Lakes, Marquette County, to cover the cost of the determination of a legal lake level; and,

BE IT FURTHER RESOLVED, to direct the Marquette County Prosecuting Attorney to petition the 25th Judicial Circuit Court, Marquette County, to determine a legal lake level for Twin Lakes.

November 9, 1976

The Environmental Quality Committee was duly called and held on November 9, 1976 at 7:00 p.m. at the County Courthouse.

Present: Commissioners May, Gaboury, Coombs, Anderson and Cheatham.

Absent: None.

In Attendance: John Spooner and Bruce Thorson, representatives from Spooner Engineering North and Northern Michigan Soils and Materials Testing, Inc.; Don Bogren and Carr Baldwin of Engineering Consultants; representatives from Coleman Engineering, Co.

Commissioner Coombs called the meeting to order and explained to the firms' representatives that the engineering study has been referred back to this committee from the Board for further study.

Coleman Engineering, Co. from Iron Mountain, MI provided their rate structure for the committee's study. They submitted an estimate of \$8,920.00 for the basic proposal plus \$1,200.00 for a sub-surface soil investigation bringing the total to \$10,120.00.

Engineering Consultants also submitted a rate structure. Their proposal amounted to \$11,038.00.

Spooner Engineering North and Northern Michigan Soil and Materials Testing, Inc. submitted a joint proposal which gave a breakdown of the Engineering Task Description and a Personnel Time and Project Cost Estimate. Their estimate was \$13,575.00.

Representatives from Engineering Consultants, Spooner Engineering North and Northern Michigan Soils and Materials Testing left to enable Coleman Engineering, Co. representatives to present a separate presentation.

All items requested in the project outline were included in their estimate according to Coleman Engineering representatives. They noted their firm does a lot of soils work and have done so for C.C.I. and Michigan Tech. They stated they have all necessary personnel among their staff to complete the project. Although they do not have a hydraulologist they have a civil engineer capable of doing the job.

They believe more information could be obtained from a study in the Spring and stated they felt March 1, 1976 was an unrealistic deadline.

Representatives from Coleman then left the meeting and representatives from Engineering Consultants entered.

Commissioner Coombs asked if their proposal addressed all aspects outlined in the committee's letter and Mr. Bogren stated this had been done. He stated their firm is two years old. Mr. Baldwin stated he has done work for the Corps of Engineers, was in charge of systems studies, worked on a project for the DNR, among others.

Engineering Consultants have all the necessary staff to complete the project with the exception of a hydraulologist consultant. A Lansing consultant does computer programming and has worked with Mr. Baldwin in the past.

Their only project of this type to date has been establishing flood levels for the City of Ishpeming. The firm has been employed by the cities of Ishpeming, Negaunee, Marquette and several townships.

Mr. Baldwin stated he has a Master's Degree in Sanitary Engineering. Engineering Consultants representatives then left the meeting.

Representatives from Spooner Engineering North and Northern Michigan Soil and Materials Testing, Inc. entered the meeting to present their proposal.

Mr. Spooner stated he is a Hydraulic and Hydrology Specialist and that his firm is new.

The representatives provided information on their past work and backgrounds for the committee's information and went over their proposal item by item.

Mr. Spooner stated he is interested in the seasonal variations and would like to ascertain the impact of different lake levels during the Winter.

Commissioner Coombs stated the purpose of the study is to determine: 1) If a new dam is needed; 2) What affect a new dam would have; 3) Lake levels during the Summer. Commissioner Anderson stated property owners would be concerned about the cost.

Mr. Spooner stated all items outlined were complied with in their proposal. Mr. Spooner and Mr. Thorson then left the meeting.

Commissioner Coombs read a communication from Brown and Root regarding the study which included their rate structure. Their original offer was \$9,500.00. It was noted they did not provide the amount of man hours the project would require.

A letter from Harza Engineering Co. was also read. Harza did not provide an estimate for the project.

Proposals were studied separately and compared as to rates and services supplied.

It was moved by Commissioner Cheatham that the Board be recommended to contract with Coleman Engineering Co. of Iron Mountain, MI to conduct the Lake Michigan engineering study, supported by Commissioner Gaboury and carried unanimously.

Commissioner May asked what was to be done with Brown and Root as they noted in their letter they would submit a bill for services rendered. A letter will be written to Leon Cook of the Department of Natural Resources asking if this bill could be paid as part of the project cost from funds received for the engineering study. The communication will go to the Board.

A letter from John Hughes, Head of NMU's Geography Department, was read regarding the proposed construction of a groin in Presque Isle Harbor to reduce erosion. The letter stated the groin and nourishment of the beach as proposed by the Corps of Engineers will not have a detrimental affect on the shoreline.

It was moved by Commissioner Anderson to recommend to the Board that they endorse the project regarding the construction of a groin and the use of non-polluting sediments to nourish the beach along Picnic Rocks, Marquette, MI, and supported by Commissioner Cheatham. Yeas: Commissioners Coombs, Anderson, Cheatham and Gaboury, Nays: Commissioner May.

A communication from Tim Lowe of the Humane Society was read which stated the organization has hired an individual with experience in fund raising.

A letter from the Personnel Committee regarding the description of the Animal Control Officer position was read. Commissioner Anderson stated the description of control officer is not an agreement between the County and the Humane Society in running the shelter. He added the Sheriff will be in charge of the officer.

Commissioner Coombs stated that when the money was allocated to the Humane Society it was with the understanding that the Humane Society would maintain the shelter.

Letters from Richard Potter and Patricia Micklow, Assistant Prosecuting Attorney, on regulations for disposal of septic tank waste were read. Dr. Potter stated the Health Board felt they did not have the authority to set rates for disposal plants. The letter from Patricia Micklow cited various legal authorities regarding this matter.

Commissioner Anderson stated Michigan's laws are not very stringent on this matter. He added a site for dumping has to be within 12 miles of the waste pick-up point. Establishing a dumping site would be an alternative to issuing permits.

Commissioner Coombs stated he received a call from a Mr. Sommers indicating he would lose a monthly income of over \$200.00 if dumping was no longer allowed on his property and that he has met all necessary requirements. Mr. Sommers had noted he has not received complaints from people in the area. Mr. Sommers had been invited to attend the meeting.

A letter from Gary Walker regarding establishing a legal lake level for Twin Lakes was read. Mr. Walker stated a resolution is necessary requesting the determination of a legal lake level. The letter also noted an association of property owners must be formed to prove they have sufficient money to take care of the project cost, or the drain commissioner must set up a special assessment district to cover the cost.

It was moved by Commissioner Anderson, supported by Commissioner May and unanimously carried that the committee recommend to the Board to adopt a resolution directing the drain commissioner to set up a special assessment district for Twin Lakes to pay for the cost of establishing a legal lake level and to direct the Prosecuting Attorney to petition Circuit Court to determine such a level. The motion carried unanimously.

Two A-95 reviews were discussed. One was for reconstruction of an ore loader for \$416,815.00 and the second was for the reconstruction of 18.2 miles of railroad track in Delta and Marquette Counties for \$2,329,615.00. Both grants were applied for by the Department of Management and Budget. It was moved by Commissioner Anderson and supported by Commissioner May to request more information on these possible projects. The motion carried unanimously.

As there was no further business to come before the committee, Commissioner May moved to adjourn, supported by Commissioner Gaboury and unanimously carried.

Respectfully submitted,

Karen Chubb
Secretary

Minutes
of
Upper Peninsula RC&D Council
U.P. RC&D Area Office
Marquette, Michigan
October 29 1976

The meeting was called to order by chairman Robert Godell at 7:40 PM.

Presents: John Strancel - Western Region
Ray Schaefer - Eastern Region
John Helsel - Central Region
Sulo Harkonen - Central Region
Eric Bourdo - Western Region, Michigan Technological University
Rick Hartwig - U.P. Extension Service
Robert Godell - Western Region
Martin E. Kangas - RC&D Project Coordinator
Jacques Pinkard - Woodland Conservationist, SCS

A motion was made and supported to dispense with the reading of the minutes of the previous meeting.

The treasurer reported a balance on hand of \$722.66. A motion was made by Strancel, supported by Harkonen to accept the treasurer's report.

Dr. Eric Bourdo, Michigan Technological University, discussed the work Michigan Tech University is doing in cooperation with the consulting firm of Jaakka Pöyry. He also reviewed progress in the newly organized Cooperative Research on Forest Soils (CROFS) Program. This is an effort to obtain and have available, better information on the relationship of forest soils to wood production. Additional research is also needed on the effectiveness of fertilization. He emphasized the need for forest soils surveys. He stated that U.P. soils are capable of producing much more wood than the present average of 1/3 cord/acre/year.

The chairman discussed the proposed RC&D Forester position in the U.P. RC&D Area. The council concurred with the U.P. RC&D Forestry Committee's recommendations that the Project Coordinator and Forester be housed together for more effective operation.

Following a detailed discussion, it was moved by Bourdo, supported by Helsel, that the chairman write to Mr. Arthur Cratty, State Soil Conservationist, Soil Conservation Service, East Lansing, and Mr. Henry Webster, Chief, Forestry Division, Michigan Department of Natural Resources, Lansing, recommending that they take action as soon as possible to fill the forestry position and to make arrangements for the joint housing. All voting aye -- motion carried.

Rick Hartwig, Michigan State Extension Service, discussed their new program of providing a record keeping "Tel-Wood" service for wood producers. He suggested that anyone interested should contact their County Extension Director.

Sulo Harkonen reviewed the proposed Hay Marketing Association for the Central U.P.

Elmer Kangas, Project Coordinator, presented the RC&D Progress Report. He said that three applications have been submitted to EDA in Chicago for funding of RC&D measures, under the Title I Program. He said that due to the time required to prepare the applications, the proposed RC&D Progress Report will be delayed but will be completed and mailed to council members before the end of the year.

A motion was made by Schaefer to order U.P. RC&D Government stamped envelopes. Motion supported by Helsel.

The next regular meeting will be held on December 10, 1976 at 7:30 P.M. in the RC&D Area Office, 201 Rublein Street, Marquette, Michigan.

Meeting adjourned.

Respectfully submitted

Ray Schaefer
Secretary-Treasurer

December 14, 1976

Honorable Chairman and Members of the
Marquette County Board of Commissioners
Marquette, Michigan

Ladies and Gentlemen:

At the December 14, 1976 meeting of your Environmental Quality Committee the revised Marquette County Zoning Ordinance was discussed.

As the changes in the document appear to deal effectively with the concerns expressed by the Board regarding the original ordinance, it was moved by Commissioner Farrell, supported by Commissioner Cheatham and carried unanimously that the committee recommend to the Board that the revised Marquette County Zoning Ordinance be adopted.

Respectfully submitted,

ENVIRONMENTAL QUALITY COMMITTEE

Chairman

December 14, 1976

The Environmental Quality Committee meeting was duly called and held on December 14, 1976 at 7:00 p.m. in the County Courthouse.

Present: Commissioners Coombs, May, Farrell, Gaboury, Cheatham and Anderson.

Absent: None.

Chairman Coombs called the meeting to order.

Commissioner Farrell discussed the Zoning Ordinance revisions with the committee.

Three basic areas of concern expressed with the original Zoning Ordinance were: a) Exemption for preliminary plats. b) Zoning permits for Mineral Districts and the affect they may have on the Road Commission. c) Possibility of having to hire consultants to study plans submitted.

Site, Operational and Reclamation plans will be required from the mining companies. Judgment will not be made on the plans but the commission wants possession of them so that they will be aware of the companies' plans. Consultants will not have to be hired.

Section 28.6 states if mining operations are outside the mineral resource district Soil Erosion permits must be applied for, and documents to obtain these permits will be accepted in lieu of a compliance permit. The Road Commission will only need the Soil Erosion permit.

Zoning compliance permits can be withdrawn if mining companies do not follow their submitted plans but Commissioner Farrell does not believe this will occur.

Commissioner Farrell stated the wording in Section 28.5 has been clarified.

It was moved by Commissioner Farrell to recommend to the Board that the County adopt the revised Marquette County Zoning Ordinance, supported by Commissioner Cheatham and carried unanimously.

A communication from the Marquette County Health Department concerning on-land sewage disposal was read. Commissioner May noted a mandate of some kind could possibly be authorized by the Health Department in regulating sewage. It was also noted that Marquette City has applied for a grant to improve the existing waste treatment plant.

It was moved by Commissioner May and supported by Commissioner Gaboury that a letter be sent to the Health Department thanking them for looking into the situation, stating the committee's concern, asking to be kept up to date on the situation and asking for their comments on the grant application made by the City of Marquette on improvements of the waste disposal plant. The motion carried unanimously.

A letter from the DNR requesting minutes of meetings dealing with the Lake Michigamme engineering study and noting that the DNR makes the final confirmation of which company was to do the study was read. Commissioner Coombs stated he had been contacted regarding the County's choice by one of the firms that had submitted a proposal and that the Controller's Office has notified the companies on action taken by the Board.

It was moved by Commissioner Anderson, supported by Commissioner Gaboury and carried unanimously to file the letter.

Notice of Permits issued for construction on waterways was noted and will be placed on file.

Minutes from a R.C. & D. Committee meeting of October 29, 1976 were noted. Commissioner Coombs stated the committee is assuming a priority system on projects. The committee will establish this list during their December 16, 1976 meeting to be held at the Soil Conservation Office in Marquette. This communication will be filed.

A communication from CUPPAD on the grant made for County Airport Improvements was read which noted that no comments have been received from any agencies on the grant application to improve the runway and purchase snow removal equipment. This communication will be sent to the Marquette Airport Commission in care of John Beerling.

It was noted that the A-95 review application for railroad track improvements and construction of an ore unloader have been withdrawn at the Department of Transportation's request.

The following A-95 reviews were discussed. a) Ishpeming Commission on Aging has applied for a \$100,000.00 grant for additions to the senior citizen center. This is a supplementary funding request. It was moved by Commissioner May, supported by Commissioner Farrell and unanimously carried to comment favorably on the application. b) Republic Township has applied for a grant exceeding \$1,400,000.00 for water system improvements and expansion. It was moved by Commissioner Anderson, supported by Commissioner Gaboury and carried unanimously to comment favorably on the project. c) Marquette-Alger Intermediate School District to construct educational service center at a cost of \$3,975,000.00 was discussed. It was moved by Commissioner Anderson, supported by Commissioner Farrell and unanimously carried to comment favorably on the application. d) City of Marquette grant application for a Presque Isle Senior Citizen recreation area at a cost of \$18,000.00 was presented. It was moved by Commissioner Cheatham, supported by Commissioner May and carried unanimously to comment favorably. e) Tilden-Ely Township outreach project to renovate the township hall and make it barrier free for use by senior citizen programs was submitted for the committee's study. It was moved by Commissioner May, supported by Commissioner Cheatham and carried unanimously to comment favorably. f) \$4,000.00 grant application by the township of Michigamme for waste water treatment was noted. It was moved by Commissioner Cheatham, supported by Commissioner Gaboury and carried unanimously to comment favorably and express the committee's concern with the health hazard aspect of the current situation.

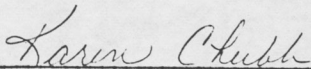
Commissioner Coombs presented information he had received concerning means of conserving energy. Michigan State University provided a list of 600 ways to save energy and Chevrolet Co. publishes a pamphlet on means to conserve energy which is free upon request.

Commissioner Anderson expressed interest in the infra red scanners used to show areas of heat loss in homes and mentioned this could be offered as a service to County residents. Commissioner Farrell stated the Planning Commission has mentioned contacting the Air Force to scan the County on energy loss and inform the people of the results.

Commissioner Anderson discussed setting up a special assessment district for Twin Lakes. He noted the drain commissioner should be informed of action taken and that the Treasurer's Office and Tax Equalization Department be asked to work in conjunction with the drain commissioner in setting up a special assessment district for Twin Lakes, Marquette County in order to establish a legal lake level. The above was moved by Commissioner Anderson, supported by Commissioner Gaboury and carried unanimously.

There being no further business to attend to, it was moved by Commissioner Gaboury, supported by Commissioner Anderson and carried unanimously to adjourn.

Respectfully submitted,


Secretary