

August 14, 1975

A regular meeting of the Environmental Quality Committee was duly called and held on Thursday, August 14, 1975, at 7 p.m. at the Courthouse.

Present: Commissioners Anderson, Cheatham, and Gaboury.
Absent: Commissioners Agnoli and Coombs.

The meeting was called to order by Acting Chairperson Cheatham.

The Controller reported that he had received a call from the DNR concerning the request of this Committee that public hearings be held on two public notices submitted to this Committee. The DNR official reported that they are going to deny the request submitted which would allow the placing of fill on Meal Lake in Forsyth Township. At this time the DNR does not have information worked up to make a decision on the request to allow the lowering of a culvert crossing Crooked Lake in Forsyth Township. When the information is completed, the DNR will inform this Committee of the decision made on the request.

The Committee then reviewed and discussed two DNR public notices received. One was submitted by Gannon Lumber Corporation for permit for bridge repair fronting on Yellow Dog River in Michigamme Township. The second notice was that of a Mr. Richards from Glenview, Illinois, who applied for a permit to construct a bridge over the Big Garlic River in Richmond Township. It was noted that the deadline had passed for filing any comments on the requests, and after discussion it was moved by Commissioner Anderson, supported by Commissioner Gaboury and unanimously adopted that the notices be placed on file.

The Committee then reviewed a third public notice submitted by Mr. Cardoni of Negaunee for a permit to beautify lake shoreline fronting on Teal Lake in the City of Negaunee. The deadline for comment has passed on this notice, and it was moved by Commissioner Anderson, supported by Commissioner Gaboury and unanimously adopted that the notice be placed on file.

The Committee then discussed a public notice submitted by the Army Corps of Engineers. The public notice concerns the dredging and disposal of material from the Big Bay Harbor. To maintain the authorized depth of the harbor, approximately 6,000 cubic yards of sediment will have to be moved. The dredged material will be used for beach nourishment in an area near the harbor. It was noted that the map attached to the notice shows an area near the harbor as being polluted. It was felt that there is no objection to the proposed dredging and disposal, but this Committee should have information on what type of pollution is involved. After discussion it was moved by Commissioner Anderson, supported by Commissioner Gaboury and unanimously adopted that a letter be sent to the Corps of Engineers asking what the pollution is that is shown on their map of the Big Bay Harbor, what materials are involved, and if they have an answer as to how to correct the pollution problem.

The Committee then discussed a communication submitted by the Council on Environmental Quality. The communication announces public hearings on federal energy research and development. The national hearing is scheduled for Washington, D.C., with regional hearings to be held in Los Angeles and Detroit. Energy could be a real problem in the future; there is talk of a 17% shortage later this year. The communication mentions that Volume I of the Council's Plan, "Creating Choices For The Future" is now available, and those who plan to testify may request a copy. The communication points out that further hearings will be held in other regions of the country in 1976. The Controller was directed to obtain a copy of the Plan for use by this Committee.

There being no further business, the meeting adjourned.

Sam R. Hodges
Secretary

September 18, 1975

A regular meeting of the Environmental Quality Committee was duly called and held on Thursday, September 18, 1975, at 7 p.m. at the Courthouse.

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

The meeting was called to order by Chairman Coombs.

The Committee first reviewed an Army Corps of Engineers notice of application for permit. The notice is that of Cliff's Electric Service Company for a permit to dredge 45,000 cubic yards of sand, gravel and organic matter from the Dead River and Presque Isle Harbor bottoms. The dredging is necessary for the installation of a circulating water system for a proposed addition of Units 7, 8 and 9 to the Presque Isle Station. In reviewing the application for permit it was felt that the Corps of Engineers should be informed of the pollutants found in the Upper Harbor. If Cliff's Service is asked to remove the polluted sediments it could be very expensive, as polluted material cannot be dumped back into the Lake. After discussion it was moved by Commissioner Cheatham, supported by Commissioner Gaboury and unanimously adopted that this Committee request the Army Corps of Engineers to remove the polluted sediments in Marquette's Upper Harbor, as indicated by a study done by the Environmental Protection Agency.

The Committee then read and discussed a communication from CUPPAD concerning the Shorelands Management Plan. Enclosed with the communication was a copy of the Central Region's Shorelands Management Plan. The Plan represents the first year's work in shorelands planning and was approved by CUPPAD on July 25, 1975. The planning is being undertaken at two levels, regional planning and by the DNR. An overall state Shorelands Management Plan should be completed during 1976. Additional work is scheduled which will have an effect on the final Plan. The communication notes that in the Plan the maps referred to are available upon request.

In discussing the communication it was felt that an additional copy of the Plan and the maps referred to should be obtained for use by this Committee. The copy received should be referred to the Planning Commission. After discussion it was moved by Commissioner Anderson, supported by Commissioner Gaboury and unanimously adopted that the Shorelands Management Plan be referred to the Planning Commission and the Planning Commission be requested to report on any suggestions they may have.

The Committee then briefly discussed Federal Flood Insurance. This flood insurance may be connected with the shorelands management. This insurance allows the Army Corps of Engineers the right to work in an area when a flood danger exists. This insurance was turned down by the Board a few years ago, as the Corps of Engineers would be held blameless for any damage done in saving the land. In the counties where a real danger of flood exists this insurance would probably be picked up.

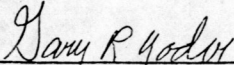
Chairman Coombs then reviewed the request of the Marquette-Alger Environmental Education Council. The major purpose of the Council is to establish teacher in-training projects. This would inform teachers in methods of teaching environmental education in the school system. Education is important in environmental protection. The first in-training project has been set up for the last week in September; another is being planned for sometime in the spring of 1976. Environmental Education is something that will be taught in all schools in the future.

The Committee then reviewed a communication received from Rictor Young Corp. The communication concerns methods of handling solid and industrial waste. The firm would be willing to meet with the Board to discuss solutions to any problems the County may have. During discussion it was mentioned that the City of Marquette is presently conducting a study on the possibility of a solid waste recovery program. The results may show the need for a combined effort, as the cost may be prohibitive for a single unit. After discussion it was moved by Commissioner Anderson, supported by Commissioner Gaboury and unanimously adopted that the communication be placed on file.

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The Committee briefly discussed the possibility of using the wasted heat from power plants to heat portions of a city. Presently most all power plants pump their hot cooling water back into a lake. This water could be used for heat if the necessary lines were constructed. This type of system would require a network on underground lines similar to sewer and water lines. There is a town in Minnesota which is presently using this type of system for heating.

There being no further business, the meeting adjourned.


Secretary

November 13, 1975

A regular meeting of the Environmental Quality Committee was duly called and held on Thursday, November 13, 1975, at 7 p.m. at the Courthouse.

Present: Commissioners Anderson, Cheatham, Coombs, Gaboury.
Absent: Commissioner Agnoli.

The meeting was called to order by Chairman Coombs.

Mrs. Rutherford and Dr. Peters joined the meeting to discuss with the Committee their views on the need for secondary sewage treatment facilities for the City of Marquette. Dr. Peters showed some slides he had taken of the Marquette area, showing the city area's lift stations, treatment plant and pollution caused. The present treatment plant removes, at best, 60% of the solid waste material. What is left is then chlorinated and pumped back into Lake Superior. At times, when there is a breakdown at the plant or there is an overflow, all that is done is charging it with chlorine and pumping it straight through into the Lake. There are also times when the lift stations are shut down for one reason or another. When this happens, raw sewage flows directly into Lake Superior. It was noted that there are three treatment plants which flow into the Carp River, making it the most polluted river in the Upper Peninsula.

During discussion Mrs. Rutherford stated that she feels there is too much federal and state regulation in the process of getting funds for a secondary treatment plant. There is federal funding available which would be on an 80% federal and state, 20% local match. This funding is being run through the Environmental Protection Agency, which has set up various guidelines and established a priority system. Presently, under this system, Marquette is number 38 on the list for initial planning monies. The funding is set up in three stages with initial planning, design and specifications, and actual construction. It has been estimated that the time span between the starting of the planning and the completion of the construction would be about three years.

Mrs. Rutherford noted that the City has had this problem for a period of twelve years and now, with the 80-20 match, is the best time to get started on the project. She noted that a meeting will be held on November 21st near Lansing to give all communities who want their place changed on the listing a chance to give their views. She said that the City Commission has been informed of this meeting, but she does not know if they will be sending a representative. She cannot attend the meeting but will be sending a written communication. When asked what the County could do, she mentioned that basically all she is looking for is help with the signing of petitions and she wants public awareness of the problem. When completed, the petitions will be sent to the EPA to show that there are concerned citizens in the local communities. She left with the Committee a name and address of the person in charge of the meeting on November 21st, if the Committee wished to correspond with him. Again noting that her main concern is public awareness and the signing of petitions, Mrs. Rutherford and Dr. Peters then left the meeting.

In reviewing the information presented, the Committee felt that there is a genuine concern, although it is felt that Mrs. Rutherford may not have a complete understanding of the EPA's priority rating system. The system was developed so that those communities with the greatest need would end up higher on the list. The City Commission has done all they can on the matter. The Committee can sympathize with the problem but feels that on a County level there is not much that can be done to help in this matter. After discussion it was moved by Commissioner Anderson, supported by Commissioner Goldsworthy and unanimously adopted that a communication be sent from this Committee to the person in charge of the meeting to be held on November 21st, showing the Committee's concern for Lake Superior and the rivers flowing into it and seeking information as to how soon funds can be available for secondary treatment, what types of funds are available, and when construction could be expected.

The Committee then reviewed a resource and conservation development progress report which shows progress made on various projects throughout the U.P. There are presently two projects underway in Marquette County. During discussion it was noted that the R C & D has available fairly large sums of money. The process may take two or three years, but any worthwhile projects would be considered and could be available for funds. Also, any worthwhile projects could be tied in with the Planning Commission's Recreation Plan presently under preparation.

The Committee then reviewed an Army Corps of Engineers' notice of application for permit for the City of Marquette. The permit is for the deposit of beach sand removed as part of U. P. Power Company's dredging operation, to be hauled and placed along the shoreline in the area of Shirus Park. After discussion it was moved by Commissioner Anderson, supported by Commissioner Gaboury and unanimously adopted that the notice be placed on file.

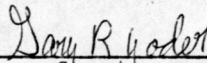
The Committee reviewed a resolution from Gogebic County regarding pollution of Lake Superior by commercial merchant ships. It was noted that there is an Act already on the books that requires these ships to dump their wastes on land. The Act requires the building of on-land facilities at all commercial ports. It was noted that the resolution seems to be in error, as it calls for legislation to be enacted when a law already exists. Moved by Commissioner Anderson, supported by Commissioner Cheatham and unanimously adopted that the resolution be placed on file.

The Committee then reviewed a resolution submitted by Bay County regarding excessive muffler noise. The resolution calls for strict enforcement of a section of the Motor Vehicle Code which calls for specific noise levels to be met. The resolution also calls for additional wording to the code which would allow the use of radio sound level meters which use decibals for monitoring noise levels. If the meters were used, a person would not have to write out a formal complaint for tickets to be issued. Police departments would have the meters and would be able to make their own checks for noise levels. It was felt that there should be on record support for the portion of the resolution calling for the use of meters, and after discussion it was moved by Commissioner Gaboury, supported by Commissioner Cheatham and unanimously adopted that this Committee recommend to the Board that a change be made in the Motor Vehicle Code to allow for the use of sound level meters for monitoring noise levels and a resolution be adopted supporting such change.

The Controller noted that he has now received the Committee's copy of the Shorelands Plan. This will be reviewed by the Committee members, as there seems to be some opposition.

The Committee then briefly reviewed a reply from the Health Department regarding the possession, confinement, or sale of exotic pets in Marquette County, inasmuch as it is going to be presented at the next meeting of the Board.

There being no further business, the meeting adjourned.


Secretary

December 11, 1975

A regular meeting of the Environmental Quality Committee was duly called and held on Thursday, December 11, 1975, at 7 p.m. at the Courthouse.

Present: Commissioners Anderson, Cheatham and Coombs.
Absent: Commissioners Agnoli and Gaboury.

The meeting was called to order by Chairman Coombs.

Mr. Tim Lowe, president of the Humane Society, joined the meeting to discuss with the Committee a communication from the Health Department regarding exotic animals. According to the communication there are no laws against the sale of exotic animals within the County. It was mentioned that pet dealers have to have a license to transport animals between states. In the case of the more exotic animals a permit fee may be required. It was felt that a County ordinance of some type regulating poisonous snakes and animals would be helpful. Moved by Commissioner Anderson, supported by Commissioner Cheatham and unanimously adopted that this Committee request the Prosecuting Attorney to research the law to see if the County can establish an ordinance to control certain types of exotic animals. The Controller was directed to forward a copy of the communication from the Health Department to the Humane Society for their review and comment. The Controller was further directed to inquire of the State Agriculture Department as to what laws apply to this area of concern and to also get a copy of Act 287, referred to in the Health Department communication.

The Committee then discussed the matter of the increasing number of dog bites reported to the Health Department. The average per year for the last three years is 193 reported cases. This is probably only a small fraction of the actual total number of dog bites, as most are not serious enough to report. Mr. Lowe mentioned that the best possible way to control the number of bites would be to enforce existing laws. He mentioned that a pet owner can be sued if his animal bites someone. He mentioned that in the case of bites reported to the Health Department a quarantine is not done. Most often it is left to the owner's discretion. It was felt that there should be more public awareness of the large number of bites, and the Humane Society is working toward education programs for the public. It was felt that the Health Department should be urged to publicize the problem as much as possible. Moved by Commissioner Anderson, supported by Commissioner Cheatham and unanimously adopted that a communication be sent to the Health Department expressing the Committee's concern with the large number of animal bites and ask that the Health Department have more publicity and educational materials made available to the public. Mr. Lowe then left the meeting.

The Committee then discussed a communication from the DNR concerning planning for Lake level control for Lake Michigan. The DNR is ready to assist in this matter. During discussion it was mentioned that the County Board can approve or disapprove of the dam construction. At the time of approval the Board can designate a "normal" level. If a "normal" level is established it means that the water behind the dam can be no higher or lower than the certain point set. It was mentioned that it would be helpful to have a meeting with the DNR representatives and Lake Michigan Land Owners' Association to discuss the planning for control of the lake level. After discussion it was moved by Commissioner Anderson, supported by Commissioner Cheatham and unanimously adopted that a DNR representative and representatives from the Lake Michigan Land Owners' Association be invited to the next meeting of this Committee to discuss the matter.

With the formation of new committees, the date of the next meeting of this Committee was set for the second Thursday in January.

The Committee then discussed two communications from the Army Corps of Engineers. The communications list the permits issued by the St. Paul District of the Corps. After discussion it was moved by Commissioner Anderson, supported by Commissioner Cheatham and unanimously adopted that the communications be placed on file.

The Committee then discussed a communication from Mr. Danny Castelow in which he expresses concern about the abuse of Badger Creek. Mr. Castelow mentioned that the problem area of the creek is from County Road 492 to its mouth on Dead River near Clark Street. During discussion of the communication it was undetermined as to whether Badger Creek and the creek used by Bancroft Dairy are the same one. If they are, the Dairy has been cited and has been re-

requested to correct its wrongdoings. After discussion it was moved by Commissioner Anderson, supported by Commissioner Cheatham and unanimously adopted that a copy of the communication be referred to the Health Department with the request that samples be taken to see if there has been any improvement since previous samples were taken and Mr. Castelow be informed that the Committee is checking into the situation.

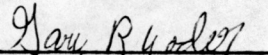
The Committee then reviewed a DNR public notice regarding the permit application of Cleveland Cliffs Iron Company. The permit request is to construct ditches and install culverts fronting on Warner Creek and Gribbon Lake in Richmond Township. The purpose of the construction is to lower the ground water level in the immediate vicinity of proposed tailings basin construction sites. It was felt that there should be no problem with this construction, as CCI is only lowering the ground water level. The tailings basin is to be constructed elsewhere. The one concern expressed by the Committee was the timing of the lowering of the Gribbon Lake level. This should be done gradually so as not to overly-disturb Warner Creek. The Controller was directed to express the concern of this Committee to the DNR and ask that construction be done in such a manner as to not allow Gribbon Lake lowering to silt Warner Creek, and to ask for an explanation as to how it will be done and over what time period. After further discussion it was moved by Commissioner Anderson, supported by Commissioner Cheatham and unanimously adopted that the notice be placed on file.

The Committee then discussed a communication from Cooperative Extension Service Director Nyquist regarding the George Bishop Memorial. UPTRA has discussed the possibility of placing the memorial in the prison park south of town and changing the park into a small state park. Response from responsible prison officials shows that this cannot be done as there is a state law which requires that the park remain for use by prison employees. The land is leased by the prison for prison employees and their families only. It was mentioned that there is an area just west of the prison hobby shop which may be suitable for the placing of the memorial. Mr. Nyquist feels that this would be a good location. It was mentioned that the State Correction Commission would have to approve, and also there is some cost involved in transporting the memorial from its present location to the site. Discussions with the Road Commission have shown that it would cost approximately \$200 to have the memorial moved. The Committee felt that this would be a good bicentennial project for the County. It was felt that this is something the County should consider if it is a legal expense. The Controller was directed to check with the Prosecutor to see if an expenditure of this type is legal.

The Committee briefly discussed the R C & D Program. All Commissioners should be aware that money is available through R C & D for any worthwhile recreation project. It was generally felt that there is not enough project proposals being submitted from Marquette County. The County Planner is in the process of developing a County Recreation Plan and through this some proposals may be written. Further discussion on this program will be held at future meetings of this Committee.

The Committee reviewed two CUPPAD A-95 Review communications. Commissioner Anderson mentioned that the Board Chairman has the right to designate who is responsible for the A-95 Reviews. Inasmuch as most of the projects undertaken in some way involve the environment, these and future review notices will be submitted to this Committee. The two notices were for: 1) the rehabilitation of the community building in Ishpeming for which a \$75,000 grant has been requested; and, 2) improvement of home heating systems for the elderly poor by the Dickinson-Iron Community Action Agency. Their grant request is for \$100,000 to provide repair or replacement to heating systems for at least 85 older residents in that area. After discussion of the review notices it was moved by Commissioner Cheatham, supported by Commissioner Anderson and unanimously adopted that they be placed on file.

There being no further business, the meeting adjourned.


Secretary

January 15, 1976

A regular meeting of the Environmental Quality Committee was duly called and held on Thursday, January 15, 1976, at 7 p.m. at the Courthouse.

Present: Commissioners Anderson, Cheatham, Coombs, Gaboury, and May.
Absent: Commissioner Trapp.
In Attendance: DNR representatives Leon Cook, Dale Granger, and Owen Bennett.

The meeting was called to order by Chairman Coombs.

The Committee first discussed with the DNR representatives the matter of lake level control of Lake Michigamme. Mr. Granger mentioned that the DNR has 188,000 feet of frontage on the lake. In a study done in 1964, individual property owners on Lake Michigamme numbered 160; this is one of the 10 largest inland lakes in the state. It has a water surface area of 4,360 acres and has a drainage area of 193 square miles. The Peshekee River is the main tributary draining 135 square miles. This river contributes substantially to the lake level fluctuations. The DNR study completed in 1964 showed a minimum lake level rise of three feet and a maximum of 7.4 feet in any one year. The existing dam is on land owned by CCI and is not in very good condition. With the existing dam there is no way to regulate the lake level.

Mr. Granger mentioned that the Inland Lake Level Act sets the whole procedure whereby the lake level can be established. The basic steps to follow are:

1. Establishment of a legal level by the County Circuit Court.
2. The action in Circuit Court is initiated by either:
 - a. A petition by the affected property owners;
 - b. A resolution filed by the County Board;
3. The County Prosecuting Attorney is then designated as the County Board's representative.
4. The Drain Commissioner is designated as the County's administrative agent.
5. Hearings are then held before the Court at which anybody can speak on the issue.
6. The Court will then set a "normal" legal water level for the lake.

The level set is generally the best level for all concerned parties. Mr. Granger mentioned that once the order is set in court, it will be the County Board's responsibility to maintain the controlling device. Under older lake level acts there was no method for funding; under the new act a special assessment district can be set up.

The DNR has not received any major complaints about the lake level fluctuations, although in 1964 when the study was being done there was much concern expressed by the land owners. The DNR would be willing to give the County Board advice on how to proceed and also offer testimony in the court hearings. They would also participate in the cost of construction of a new dam in the same proportion as other land owners. When asked, the DNR representatives mentioned that as a rough starting point they feel a new dam will cost in the neighborhood of \$300,000.

They feel that the court would probably set a winter low and summer high for the lake. In this manner, the lake could be allowed to rise in the spring and summer and have the level lowered during the fall and winter. If this is done, they feel the maximum rise could be cut to two to three feet per year.

They mentioned that the DNR report prepared in 1964 would need to be updated somewhat and the DNR has sufficient funds for this updating, if the County Board wishes to start the proceedings. To have the report updated the County Board would pass a resolution saying that they need a lake level study and hire the consultant. The DNR would then repay the County for the cost incurred. The DNR representatives then left the meeting.

During further discussion of the matter it was felt that the County Equalization Department could help in preparing a listing of the current Lake Michigamme land owners. It was felt that a questionnaire should be sent to each of the land owners to get their views on the lake level situation. The questionnaire should point out that the present structure is not controlling the

water level, it would take County Board action to alter the level, and that there would be a cost involved. The questionnaire should also ask the following questions:

1. Has the property owner experienced any damage due to the fluctuations?
2. Are they interested in having a lake level established?
3. Are they interested in having a meeting to discuss the problem?
4. Would they want the County Board to proceed with the establishing of a normal lake level?

After this discussion it was moved by Commissioner Cheatham, supported by Commissioner Anderson and unanimously adopted that this Committee recommend to the Board that a questionnaire be sent to all of the Lake Michigan land owners.

The Committee then reviewed a communication from the DNR in answer to the Committee's request for information regarding the lowering of the lake level on Griggen Lake. The communication notes that it is the DNR's intent to watch closely the effectiveness of settling ponds and gravel filter beds in regard to the lake level lowering. The lake will be lowered by means of a stand pipe outlet to be placed through a temporary dike. It is estimated that it would take 30 days to lower the lake level the desired 15 feet. The lowering should be accomplished before the spring break-up period and, as a condition of their permit, must be accomplished prior to June 1, 1976. Noting approval at having received their response it was moved by Commissioner Cheatham, supported by Commissioner Gaboury and unanimously adopted that the communication be placed on file.

The Committee then proceeded to review CUPPAD A-95 Review forms. The forms reviewed were received from:

1. UPACHPA applying for federal assistance from HEW to undertake health planning for the Upper Peninsula.
2. Notice of intent by UPACHPA to apply for federal assistance through the Health Resources and Development Act to undertake health planning.
3. Notice of intent by the Marquette Transit Authority applying for federal assistance through the Urban Mass Transportation Administration to undertake acquiring of transit vehicles, bus stop signs, and passenger shelters. This request is for operation of the line Marquette-Negaunee-Ishpeming. It was mentioned that with the County Transit Authority, requesting should be run through that organization. The Controller was directed to check into the County Transit Authority and see what progress has been made in its organizational set up. After discussion of these notices it was moved by Commissioner May, supported by Commissioner Cheatham, and unanimously adopted that they be approved and ordered placed on file.

The Committee then reviewed a notice of intent by the City of Marquette applying for federal assistance through the Environmental Protection Agency for step one facility planning and waste water treatment. During review of this form it was noted that a portion of Sands Township is to be included. It is the Committee's understanding that Sands Township does not want to be included. After review it was moved by Commissioner May, supported by Commissioner Cheatham, and unanimously adopted that the Committee comment favorably on the notice and note that they would not like to see implementation of the study without the consent of all units of government involved.

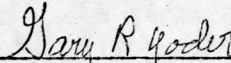
The Committee then discussed the following A-95 Review forms, after which they were ordered placed on file:

1. Notice of intent by MUU to apply for federal assistance through the University Year For Action Program to establish a volunteer technical assistance program. The purpose of the program is to have volunteers participate in state and local government communities and institutions to solve local social and economic problems.

2. Notice of intent by the Republic Township Housing Commission to apply for federal assistance through HUD to undertake housing relocation and rehabilitation. The grant is to provide monies to relocate and rehabilitate ten homes in Republic Township. The homes are located near the edge of an open pit mining operation. A new community site has been established three miles to the south, and financial assistance is needed in moving some of the homes.
3. Notice of intent by Ely Township to apply for federal assistance through HUD for construction of a community center.
4. Notice of intent by Ely Township to apply for federal assistance through HUD to undertake water system improvement.
5. Notice of intent by the Marquette County Road Commission to apply for federal assistance through the Bureau of Outdoor Recreation to undertake expansion on Perkins Park.
6. Notice of intent by Ishpeming Township to apply for federal assistance through the Farmers' Home Administration to undertake addition of water and sewer facilities.

The Committee then discussed the dog control problem in the County. It was mentioned that the Committee has worked on this problem for quite a period of time. It is the County's responsibility, although there is a budget problem in establishing monies for animal control. It was noted that the establishment of the Humane Society is a step in the right direction, but it seems that enforcement of existing laws remains a most serious problem. After discussion the Controller was directed to invite the Sheriff to the next meeting of this Committee to obtain his views and comments and possible solutions to the problem.

There being no further business, the meeting adjourned.


Secretary

February 4, 1976

A regular meeting of the Environmental Quality Committee was duly called and held on Wednesday, February 4, 1976, at 7 p.m. at the Courthouse.

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

Absent: Commissioner Trapp

In Attendance: A group of students from the Marquette High School class on Environment and Man, and Betty Lou Kitzman, representing the Press.

The meeting was called to order by Chairman Coombs.

I. GREAT LAKES AND ST. LAWRENCE SEAWAY WINTER NAVIGATION PROGRAM.

In regards to public participation brochure on alternatives for extending the navigation season on the Great Lakes - St. Lawrence Seaway system, Chairman Coombs read the brochure in its entirety, of which a copy is in the Controller's office for your pleasure. In essence, the brochure details:

1. The reason for such an undertaking.
2. The objectives sought.
3. Discussion of prior studies in this area.
4. The environmental impacts that would be caused by such an undertaking.

There are three alternative plans under consideration at this time. All plans call for ice control devices in selected harbors of the Great Lakes, ice breaking assistance, and navigational aids. The cost of such a project will be in the area of \$5 million. The extended benefits received is labeled in the area of \$18.7 million. It was moved by Commissioner Anderson, supported by Commissioner Cheatham and adopted (Commissioner May voting "nay") that the Marquette County Board of Commissioners send a letter to the Department of Army, Corps Engineers, commenting favorably on the report and that measures be taken to keep seaways open through January 31 of each year.

Under discussion, Commissioner May stated that she voted nay because she feels that she is not prepared at this time to render a favorable opinion in this matter. Reason being: She feels that more time was needed to review the feasibility report from the Department of Army, Corps of Engineers, and she is concerned about several consequences this proposal may have on the public and the environment. She raises the questions, "Who is paying for this \$5 million cost figure and who is getting the \$18.7 million in benefits."

Commissioner Anderson states that he feels that the navigation season for the Great Lakes and the St. Lawrence Seaway should be extended in stages. By this he means have the season open to January 31 of each year and then, if it meets the findings of the study and no ill consequences have developed, make another extension to February 28 as proposed by the study.

II. BADGER CREEK SURVEY - POSSIBLE WATER POLLUTION.

Copies of the Water Sampling Survey done on Badger Creek in September, 1975 and also results of the latest sampling conducted on January 6, 1976 were received from Richard J. Potter, M.D., Director of Marquette County Health Department. Samples were collected from six stations. The samplings show that the total coliform count per 100 mil was found to be quite high in certain samplings. In conducting this study, they did not observe any sewer pipes in Badger Creek; however, four sewage failures were found near a little tributary leading to Badger Creek. These persons have been contacted and three have indicated that corrections will be made. The fourth person has not complied with our letter and this has been referred to the Prosecuting Attorney. The Bancroft Dairy is not causing any water pollution in Badger Creek.

It was moved by Commissioner Anderson, supported by May and unanimously adopted that this be placed on file and a letter sent to the NMU student that was concerned about this matter, thanking him for bringing it to our attention and also sending him a copy of the survey findings.

III. CUPPAD A-95 REVIEW.

A notice of intent from CUPPAD to apply for Federal assistance for local management assistance to local units of government in the central U.P. was received. It was

moved by Commissioner Cheatham, supported by Commissioner Gaboury and unanimously adopted that the Committee form be filled out with the comment to be favorable on this notice of intent for Federal assistance by CUPPAD.

IV. DEPARTMENT OF AGRICULTURE - LAWS GOVERNING THE SALE AND USE OF DOGS AND CATS.

This was in reply to our letter of December 23, 1975, requesting acts and regulations that concern pet shops and pet owners who have in their possession or for sale, exotic and/or rare animals. It is felt by the Committee that a copy of these laws be sent to the Prosecuting Attorney and also to the Humane Society for their review. We would also like them to make any recommendations on this matter.

V. LETTER FROM MARQUETTE COUNTY HEALTH DEPARTMENT - ANIMAL BITE CONTROL.

This was in response to our letter of December 23, 1975 regarding certain matters of the Animal Bite problem in Marquette County. The County Health Department has prepared a flyer regarding animal bites and the pertinent regulations pertaining to them. A supply of these will be at the sites that issue dog licenses and to all veterinary offices. For your information, there were 223 bite cases that were reported to the Health Department; 182 by dogs, 22 by cats, and 19 by other animals. Fifteen bites occurred when the animal was tied up, 103 in the home area, 18 away from home, and 87 unknown. The Marquette County Health Department concludes that there is need for improved animal control and more enforcement of the Rabbits Immunization requirement. A copy of this flyer is on file in the Controller's office for your review.

VI. ANIMAL CONTROL PROBLEM - SHERIFF'S DEPARTMENT.

The Sheriff was unable to be in attendance at this meeting; however, the Assistant Controller relayed a few of his comments to the Committee. The Sheriff feels that there is an animal control problem in Marquette County. However, to enforce the laws concerning this area, it would require more manpower and equipment. The Committee would like the Sheriff in attendance at the next meeting to further discuss this problem.

VII. DREDGING OF THE UPPER HARBOR.

The Environmental Quality Committee would like a letter sent to the Department of Army, Corps of Engineers, in regards to their progress in the dredging of pollution sediments in the upper Marquette harbor.

VIII. MICHIGAMME LAKE LAND OWNERS - LAKE LEVEL FLUCTUATIONS.

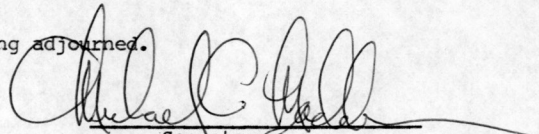
The Committee would like a letter sent to the approximately 300 land owners on Michigamme Lake. Attached to this letter will be a questionnaire in regards to their feelings of the lowering or raising the level of Michigamme Lake. Also, the possibility of building a dam with an approximate cost of \$300,000.

IX. FLOODING PROBLEM IN THE CHOCOLAY RIVER IN MARQUETTE COUNTY.

Environmental Quality Committee reviewed a letter sent to the State Police Emergency Services Division by Mike Zorza, Director of Marquette County's Emergency Services. He stated in his letter that his office is seeking the assistance of the Emergency Services Division in resolving the flooding problem on the Chocolay River in Marquette County. Flood conditions arise whenever wave action or ice build-up restricts the flow of the river at its shallow mouth causing the river to backup and over flow. Residents at or near the mouth of the river are reporting water and ice damage to homes and property. Blasting of the ice forms has been done in the past, but this practice is often dangerous and only a temporary measure.

After little discussion, the Commissioners requested an updated report from Mike Zorza to be read at the next meeting.

There being no further business, the meeting adjourned.


Secretary

March 30, 1976

A special meeting of the Environmental Quality Committee was duly called and held on March 30, 1976, at 7 p.m. at the Courthouse.

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

Purpose: Nominations by Marquette County citizens, "Areas of particular concern along the Great Lakes Shoreland."

Before the meeting was opened to the public, Hope Trapp stated that there is now no deadline on nominations of concerned areas of the Great Lakes Shoreline. It will be an on-going process and nominations may be submitted at any time. The meeting was then opened for nominations by the public.

I. Citizens To Save Superior Shoreland - by Bill Robinson.

1. Lower Harbor Marquette - presently owned privately, mainly by Mrs. George Spear, Sr. This area is labeled urban. The concern is a major portion of the harbor. Shoreline is visible from downtown Marquette. It is very unattractive with many run-down and deserted buildings. It could be converted into an attractive water front orientated to a public recreational-commercial area with picnic facilities, a marina, small shops and restaurants.
2. Picnic Rock - Dead River - presently owned by Northern Michigan University, Cohodas, and Warshawasky. This area is labeled as a recreation area. Portions of the area have a very high erosion problem. Much of it is an abandoned industrial site with run-down buildings and debris laying around for the past 6 years. They feel that the erosion should be controlled (perhaps by lowering the lake level) and the abandoned factory land would make an ideal site for a municipal golf course.
3. Whitmore's Landing - Little Presque Isle - present owner, Clark, Adriance. This area would qualify as a recreational area. The area has a high erosion problem. They feel that public acquisition and minimal recreational development to preserve the natural beauty of the area should be done with this area.
4. Thoney's Point - present owner, John C. Martin. This area would qualify as a natural area. This is a rugged scenic area, under developed except for a lodge. Thoney's Point has been a favorite perching site for bald eagles. The Lily forested shoreline would provide opportunity for hiking and contemplation for nature. Public acquisition and minimum development for recreation is recommended by this group.
5. Loma Farms and Shoreline North - presently owned by John C. Martin. This area would qualify as a recreational area. There is a high erosion problem. Acquisition of this area for recreational use is recommended.
6. Area Surrounding Iron River Mouth - presently owned by Touton Family. This area would qualify under the coastal lake, river mouth. This land could be purchased for the public and made into a park for the public's use.
7. Black Rock Point - Salmon Trout Point - presently owned by Northwoods Products, Keweenaw Land Association, Newport Land (SFR) Co. This area could qualify as a natural area. This area could be used for the public with scenic trails and other recreational uses.

It was moved by Commissioner Trapp, supported by Commissioner Cheatham and unanimously adopted that the nominations presented by the public be incorporated to the nominations being submitted to CUPPAD.

II. DNR - Mine Reclamation Act.

Dick Coombs submitted to the Committee a copy of the proposed act. He asked the Controller's office to make copies for all Committee members and for the County Planner for their review before the next regular meeting of the Environmental Quality Committee.

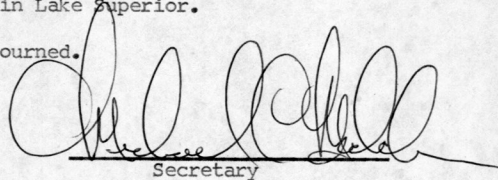
III. Waste Water Treatment - City of Marquette.

Hope Trapp mentioned that Barbara Rutherford had contacted her and mentioned that a meeting will be held on April 15, 1976, in regards to Marquette City's waste water

Environmental Quality
March 30, 1976
Page 2

project. It was moved by Commissioner May, supported by Commissioner Gaboury and unanimously adopted that the Controller's office be directed to contact the Marquette City Water Department and request a report on their past and present findings of the coliform count at the water intake openings in Lake Superior.

There being no further business, the meeting adjourned.

A handwritten signature in cursive script, appearing to read "John J. ...", written over a horizontal line.

Secretary

April 13, 1976

A regular meeting of the Environmental Quality Committee was duly called and held on Tuesday, April 13, 1976, at 7 p.m. at the Courthouse.

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

The meeting was called to order by Chairman Coombs.

The Committee first reviewed a few items of old business. The Junk Car Ordinance was briefly discussed. The Sheriff has been asked to compile a list of all junk car dealers in the County. The Controller was directed to contact the Sheriff to see that this listing is prepared.

The Committee then briefly discussed the matter of dredging of the Big Bay Harbor. The impact statement has been received and reviewed by the Prosecuting Attorney. Board action is required to allow this dredging to proceed. After discussion, it was moved by Commissioner Trapp, supported by Commissioner Cheatham and unanimously adopted that the Army Corps of Engineers be allowed to remove the pollutants from the Big Bay Harbor.

The Committee then reviewed a tentative County Dog Ordinance. This ordinance is basically the same as that used in the City of Marquette with sections altered for use by the County. Copies of this proposal were distributed to the Committee members. In reviewing the ordinance, the following questions were noted:

1. In Section 3, it was felt some revision should be made. People living on a farm in the country may have other kinds of pets than cats, dogs, and canaries.
2. Section 5a should be re-worded to make the meaning clearer.
3. Section 5c should be clarified as the Health Department may only desire to have the animal in question tied up on the property.
4. Section 5d should be re-worded so as to clarify who has the right-of-way.
5. In Section 5c, consideration should be given to adding wording which shows unlicensed dogs also.
6. In Section 6, it was felt that the impounding fees were rather high and should be lowered to \$10.00 for the first, \$25.00 for the second, and \$35.00 for the third.
7. In Section 2, it was felt that the limit of three dogs may be unreasonable for people living in the country. Some provision could be made for those people in the business of raising dogs and there may be a state requirement which would require a kennel license for people owning more than three dogs. The Controller was directed to check into this possibility.

In discussing the ordinance, it was mentioned that this would effect only those areas within the County that do not have an ordinance of their own. It was felt that such an ordinance would have a great deal of value for the County, and after it is revised, it should be reviewed by the Prosecuting Attorney.

The costs for dog licenses was then discussed. It was mentioned that the license cost should be high enough to cover all of the handling costs. The possibility of a multi-year license was discussed with the Controller being directed to get more information on this possibility.

After discussion, the Controller's office was directed to revise the ordinance for submission back to the Committee at its next meeting.

The Controller then reported on the results to date of the questionnaire submitted to the Michigan land owners (copy attached). There were 216 questionnaires sent out. Of that number, 137 were returned with 9 being returned unopened. It was learned that the listing prepared by the Tax Equalization Department did not have all of the new addresses of owners as these are maintained within the township and not necessarily turned into the Department for changes. Question 1 had 135 responses; 44 yes and 91 no. Question 2 had 127 responses; 86 yes and 41 no. Question 3 had 129 responses; 95 yes and 35 no. Question 4 had 118 responses; 77 yes and 41 no. Question 5 had 116 responses; 47 yes and 69 no.

All of the questionnaires returned were reviewed by the Committee members so that the various comments and remarks made would be known. It was felt that with the large response to Question 3 concerning a meeting to further discuss this situation, that one should be held. A majority of those responding suggested that a meeting be held in the summer. In discussing this, it was generally felt that the July meeting of this Committee could be held in Michigamme and after the regular business, a public meeting could be held with the land owners.

After discussion, it was moved by Commissioner May, supported by Commissioner Trapp and unanimously adopted that a meeting be arranged at the Michigamme township hall on the regular meeting date of this Committee in July (July 13) and the land owners and representatives from the DNR be invited. In this regard, the Controller was directed to contact Michigamme Township to see if their hall could be used and the DNR to see if they could make a meeting on this date. The Controller was further directed to check into the possibility of obtaining the total assessed valuation of the property on the lake.

The Committee then discussed the matter of lake level control for Lake Superior. Discussion has been held on this matter at previous meetings of the Committee. The Army Corps of Engineers would be willing to come to Marquette to discuss the situation. They would like to have a definite format as to what will be discussed so that they can be prepared. Commissioner May has been working in this area, and has the names of some Corps members who would be very informative. These people could be contacted to see if they would be willing to have a meeting. There has been some concern voiced that the level set for Lake Superior not be the highest level that it has reached. It should be set at a level lower. It was generally felt that the Committee should proceed with arrangements for a public meeting. It was suggested that a panel of resource people be asked to attend. These people could be asked to give a presentation on great lakes level, regulations of the lakes, a current practice for regulation and future arrangements. If such a meeting is held, it was felt that all U.P. Counties located on Lake Superior together with Marquette County Townships located on the Lake should be invited.

After discussion, it was moved by Commissioner Trapp, supported by Commissioner Gaboury and unanimously adopted that Commissioner May be authorized to proceed with the establishment of an informal meeting on lake level control for Lake Superior. Said meeting to have representatives from the Corps of Engineers, CUPPAD, and other resource people.

The Committee then briefly discussed the possibility of having nuclear power plants located on Lake Superior. There have been some articles printed which say that Lake Superior would be a prime location for such plants. It was generally felt that the Committee should proceed to gather as much information as possible on this subject.

The Committee then reviewed proposed administrative rules for the Mine Reclamation Act. When reviewing the proposed rules, it was mentioned that CUPPAD and the County Planning Commission are meeting with representatives of CCI, and are discussing a similar proposal for use within the County. It was mentioned that the Planning Commission should review these rules if they have not already done so.

After considerable discussion on the proposed rules, it was moved by Commissioner May, supported by Commissioner Cheatham and unanimously adopted that the proposed rules be referred to the County Planning Commission and the Planning Commission be asked to advise the Committee on what action they feel the Board should take. The Planning Commission's reply to be returned for the next meeting.

The Committee then discussed the Talmadge Bill which would change the formula for EPA grants for water and waste water treatment plants. The latest information available now states that Michigan will receive the same amount that it was supposed to originally. It was felt that no action should be taken at this time until more information is available. Chairman Coombs mentioned that he would call the Michigan Association of Counties, and request information.

The Committee then reviewed a reply from the County Health Department to the Committee's request for information on herpes disease. Dr. Potter's communication mentions that the condition is not reportable and is not officially

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classified as a veneral disease in Michigan. He is aware that peiodic cases have occurred within the County, but there is no current information on the incidents or prevalence of the disease.

The Committee then reviewed a A-95 Review Form submitted by the State of Michigan. The application is for \$860,000.00 for funding of the State Health Planning and Developement Agency. After discussion, the review froms were placed on file.

There being no further business, the meeting adjourned.

Gary B. Hodin
Secretary

PROPOSED ANIMAL ORDINANCES
Marquette County

1. DEFINITIONS: As used in this Ordinance, the following words and phrases shall have the following meaning:
 - a. "County" shall mean the County of Marquette.
 - b. "County Board of Commissioners" shall mean the governing body of the County of Marquette.
 - c. "Animal Shelter" shall mean any premises designated by the Marquette County Board of Commissioners for the purpose of impounding and caring for animals held under authority of this Ordinance.
 - d. A dog shall be deemed to be under "Reasonable Control" when such dog is on the premises of its owner, or when such dog, not being on the premises of its owner is controlled by a competent person and obedient to that person's commands, or on or within a vehicle being driven or parked on the streets.
 - e. "Own" shall mean to have a right of property in a dog; to keep or harbor a dog or to have a dog in ones care or possession; or to permit a dog to remain in or about any premises of a person for a period of five days or more.
 - f. "Restraint" shall mean an animal shall be deemed to be under restraint if on the premises of its owner or on a leash if not on the premises of its owner.
 - g. "Person" shall mean an individual, partnership, company or corporation.

2. LICENSING OF DOGS:

It shall be unlawful for any person to own, possess, harbor or have the care or charge of any dog, male, female or unsexed, of the age of six (6) months or over, within the County of Marquette unless such dog shall wear a collar to which is attached the license tag provided by the laws of the State of Michigan; provided, however that this Ordinance shall not apply to any person transporting a dog through the County, such dog being taxes at the residence of the owner. Every person in possession of any dog, or who shall permit any dog to remain on or about his premises for a period of five (5) days or more shall, for the purposes of this Ordinance, be deemed to be the owner of such dog. It shall be unlawful for any person to own, possess, shelter, keep or harbor more than three (3) dogs over six (6) months of age at any one time in one residential building or garage or any residential, business or other lot in the county of Marquette. This provision shall not apply to dogs being kept by a veterinarian or in a veterinary hospital, a commercial pet shop or a licensed dog pound or shelter or licensed kennel.

3. DOMESTIC ANIMALS AND FOWL:

Except under such conditions as may be prescribed by the health dept., no person shall keep or house any animals or domestic fowl within the county of Marquette except dogs, cats, canaries or animals commonly classified as pets, which are customarily kept or housed inside dwellings as household pets; and, except for the temporary housing prior to slaughter of domestic fowl, but in such cases, no longer than thirty (30) days.

THAT ARE DEEMED POISONOUS OR OF AN ENDANGERED SPECIES.

4. MANAGEMENT AND RESTRAINT OF DOGS:

It shall be unlawful for any person owning, possessing or having charge of any dog, six months of age or over, to violate any of the following restrictions:

- a. To allow such dog to stray beyond the premises of such owner unless it shall be under reasonable control.
- b. To permit any female dog to go beyond the premises of the owner when she is in heat unless such dog is held properly in leash and under the complete control of a responsible person.
- c. To permit any vicious dog to be unconfined unless securely muzzled and led securely by leash. Any dog shall be deemed vicious which has bitten a person or domestic animal without molestation, or, which, by its actions gives indication that it is liable to bite any person or domestic animal without molestation.
- d. To own, harbor or keep any dog, either licensed or unlicensed, that, by the destruction of property or trespassing on the property of others, becomes a nuisance in the vicinity where kept.
- e. To fail or refuse to comply with the provision of Section 28.10 of this Ordinance.

5. HEARING ON CAUSE FOR IMPOUNDMENT:

On sworn complaint by either the Dog Warden or any other person to the Municipal Court of the county, that ^{WHEN} any one or more of the following facts exist, such Court shall issue a summons to show cause why such dog should not be impounded if:

- a. Any dog eligible to be licensed is running at large and is unaccompanied by its owner without license attached to the collar of such dog.
- b. Any dog at any time, licensed or unlicensed, has destroyed property or habitually trespasses in a damaging way on the property of persons other than its owner.
- c. Any dog, licensed or unlicensed, which has attacked or bitten any person.

- d. Any dog showing vicious habits, or molesting passerby when lawfully on the public right-of-way; or when such dog, by loud and frequent or habitual barking, yelping or howling is causing or has caused a serious annoyance to any of the inhabitants of the County.
- e. Any dog, licensed and wearing the license required, which is running at large contrary to the provisions of this Ordinance or the laws of the State of Michigan.

6. IMPOUNDING FEES:

Any dog seized or impounded by the Dog Warden shall be released to the owner thereof upon the following conditions:

- a. Payment of an impounding fee of ~~\$20.00~~^{10.00} for the first impoundment, ~~\$25.00~~ for the second impoundment of the same dog, ~~\$35.00~~^{35.00} for the third impoundment of the same dog, and \$50.00 for each impoundment of the same dog thereafter.
- b. Payment of the boarding of such dog at a cost of Seventy-five Cents (.75) per day.
- c. Exhibiting a currently effective license, or in the case of an unlicensed dog, the owner shall purchase a license before the release of the dog.
- d. Exhibiting a proper certificate from a veterinarian that such dog is currently immunized for rabies during the period of the license period, or, in the case of an unimmunized dog, so impounded at the Animal Shelter, the owner shall forthwith have the so immunized before it is released.

7. PENALTIES:

Any person or persons who shall violate any of the provisions of this Ordinance shall, upon conviction thereof, be punished for the violation of the Code of the County of Marquette in the manner provided on page 3 of said Code.

8. POLICE EFFECT:

This Ordinance is declared to be necessary for the protection to the public health, safety, welfare and peace of the people of the County of Marquette, and is not to be construed as a substitute for the provisions of the State Dog Law, but shall be considered to be supplementary thereto.

QUESTIONNAIRE OF LAKE MICHIGANME LANDOWNERS

The Marquette County Board of Commissioners would like your response to the following questions:

1. Have you experienced any damage to your property due to the fluctuations in the lake level? Explain.

2. Are you interested in having a legal lake level established?

3. Would you be interested in having a meeting to discuss this situation?

4. Would you want the County Board to proceed with the establishing of a "normal" lake level?

5. Would you be interested in having a special assesment district established to cover the costs of new dam construction?

ADDITIONAL COMMENTS:

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 Michigamme lake level. One communication was from Michigamme Township stating that the township hall would be available July 13th. The communication also stated that there would be plenty of room to accommodate those 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 Michigamme 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 CUPPAD 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.

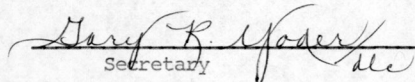
The committee then briefly reviewed and discussed two Corp of Engineers' permits. Both permits were for work to be done in Lake Minnetonka in Minnesota. It was felt that there was really no reason for the committee to receive these and after discussion they were ordered placed on file.

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

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 Coloforn County.

Commissioner Coombs brought up for discussion that in contacting the City in regards to acquiring daily reports for the Coloforn 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 calendar 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.

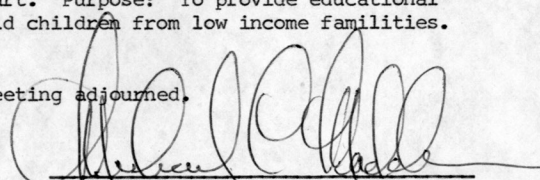
After further discussion, it was moved by Commissioner Anderson, supported by Commissioner May, that they recommend to the Forest Commission the above project for their review and possible allocation of money.

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

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.

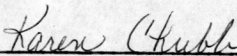
In a brief meeting of the committee Commissioner Cheatham moved, and Commissioner May supported the motion that the Environmental Quality Committee recommend that the County Board of Commissioners request the DNR to conduct an engineering study of the lake levels on Lake Michigamme in order to gather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

Environmental Quality Committee
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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,



Secretary

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.

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 Presecuting 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.

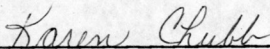
A copy of the most recent version of proposed mine reclamation rules were received from the DNR. It was noted that on June 15, 1976 the Department of Attorney General certified the amended proposed rules as being legal, and that the proposed rules will be submitted to the proper Legislative committee 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 Michigan 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,


Secretary

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 affective 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 then 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 Ron 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.

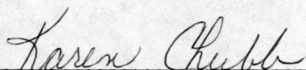
An application dealing with the construction of a change house in Trowbridge Park was reviewed. The cost is estimated to be \$10,000.00. It was moved by Commissioner Anderson, supported by Commissioner Cheatham and unanimously carried that the report be commented upon favorably by the committee.

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 Keewenaw 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

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 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 contract. 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

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 Chocoday 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.

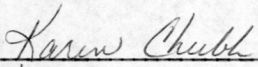
Commissioner May noted she has received favorable comments regarding the recently completed bike path.

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,


Secretary

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 hydrologist 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 hydrologist 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

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.

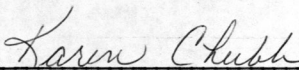
Commissioner Coombs presented information he had received concerning means of conserving energy. Michigan State University provided a list of 600 ways to save energy and Chevrolet Co. publishes a pamphlet on means to conserve energy which is free upon request.

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