Detroit Edison
2000 Second Avenue
Detroit, Michigan 48226
(313) 237-8000

June 17, 1985

Mr. P.D. Zugger, Executive Secretary
Michigan Water Resources Commission
Stevens T. Mason Building
P. O. Box 30028
Lansing, Michigan 48909

Subject: Proposed Permit for Reissuance
NPDES Permit No. MI 0001848
Monroe Power Plant

Dear Mr. Zugger:

The Detroit Edison Company (Company) has completed its review of the pre-public notice draft permit for reissuance for the Monroe Power Plant (NPDES Permit No. MI 0001848) that was forwarded by Mr. Gary Boersen to the Company on May 1, 1985, for its review and comments. Based on that review, the Company has the following comments and suggestions to assist your staff in preparing the final draft of the proposed permit for reissuance.

1. On page 1 of the draft permit and at other locations within the draft permit, Plume Creek is identified as the receiving water for the discharge of wastewater from the plant. This is incorrect. The discharges from the plant either directly enter Lake Erie (Outfalls 001 and 002) or the Raisin River (Outfall 003). The mouth of Plume Creek is actually west of I-75 where Plume Creek flows into Plum Creek Bay. Although Plum Creek Bay is, in fact, connected to the plant overflow canal, the water level and flow in and out of the Plume Creek Bay area is controlled primarily by fluctuations in the level of Lake Erie and not by either the flow of Plum Creek or the plant overflow canal.

   The plant's discharge canal is principally the widened and straightened natural old channel of the Raisin River. In support of the preceeding facts on this matter, the following documents are being provided:

   a) A land survey map, dated 1849, approved by the Surveyor General's Office, Detroit, which

identified Plum Creek Bay and shows the original path of the Raisin River and the "U.S. Ship Canal". The U.S. Ship Canal was subsequently enlarged and is currently considered the mouth of the Raisin River. (Attachment 1)*

b) A land survey map, dated 1940, prepared by O.A. Case, Registered Land Surveyor, which also identifies the "Government Channel" and the natural flow path (the old channel) of the Raisin River. (Attachment 2)*

c) A U.S. Lake Survey map, dated 1952, which identifies the "old channel" of the Raisin River. (Attachment 3)*

* Provided in reduced size for convenience, full size copies are available on request.

d) A copy of the United States Code Annotated, Volume 33, Section 59d, which recites the Act of Congress declaring the "old channel" of the Raisin River to be "not a navigable stream" which, among other things, allowed the Company to close the old channel of the Raisin River to navigation for the construction of the Monroe Power Plant. (Attachment 4)

e) An excerpt from the Monroe County Plant Book, dated 1982-83, which identifies the area from west of I-75 to Lake Erie as Plum Creek Bay. (Attachment 5)

f) An excerpt from the Monroe County Coastal Zone Management Plan which identifies the area in question as "Plum Creek Estuary". (Attachment 6)

The Company, therefore, requests that all references to "Plum Creek" be deleted from the draft permit.

2a) In Part IA2, page 4, the Company requests the inclusion of stormwater in the authorization

statement. The following underlined wording is suggested, "..... fly ash transport water and an unspecified quantity of stormwater from outfall 00A ....." The Company estimates the annual daily average flow of stormwater to that treatment system to be approximately two hundred seventy thousand (270,000) gallons per day.

2b) In Part IA3, page 5, the flow identified in the authorization statement is incorrect. It should be thirty eight million four hundred thousand (38,400,000) gallons per day. Similarly, the flow diagram on page 11 should also be corrected.

2c) In Part IA4, page 6, the flow in the authorization statement is incorrect. The correct flow should be three hundred thousand (300,000) gallons per day. The flow diagram on page 11 should likewise be corrected.

2d) In Part IA5, page 7, the flow in the authorization statement is incorrect. The correct flow should be one million (1,000,000) gallons per day. The flow diagram on page 11 should likewise be corrected.

Please incorporate this information into the Company's application as an amendment thereto.

3. In part IA7, page 9, referring to the Fish Pump, under Effluent Characteristics it states, "Pump must be run during use of intake." The Company believes this statement to be ambiguous because it could be construed mean that if the fish pump system, for any reason, is out of service the power plant must shut down in order to be in compliance with this permit provision. This is totally unacceptable to the Company.

The fish pump system is an experimental system which is still under development and is operated by the Company on a voluntary basis. There is no regulatory mandate for the operation of the fish pump system. Further, the Michigan Water Resources Commission has no current basis under either state or federal law or regulation to mandate the operation of this plant equipment. The Commission's authority currently is limited only to the regulation of the quality of discharges.

The imposition of such a plant operating restriction is totally arbitrary, capricious, and unreasonable, and is not supported by competent material and substantial evidence on the record.

Monroe Power Plant represents over 40 percent of the generating capacity of the Detroit Edison Company. As such, there is serious doubt as to the Company's ability to serve it's customers without a substantial portion of that capacity being available. The loss of Monroe Power Plant represents the significant possibility of "brown-outs" and/or "black-outs" in the Company's service area and in other portions of the state. Further, the Company estimates that, based on system load, availability of generating capacity within the Company and other sources in Michigan, and the availability and price of power which may be imported to Michigan from outside sources, the cost of replacing the power normally generated by Monroe Power Plant to be between 6 and 24 million dollars per week. The Company believes this to be a totally unreasonable cost to be borne by our customers in comparison to the alleged benefits which may be derived.

The Company, therefore, requests deletion of the phrase, "Pump must be run during use of the intake."

4. In the authorization statement in Part IA8, page 10, Lake Erie via Plume Creek is identified as the location of Outfall 003. This is incorrect. Outfall 003 is located on the Raisin River approximately 100 yards west of the plant intake channel. Please make this correction in the authorization statement and Part IA8b.

5. The Company has previously discussed with Mr. C. Bek its concern relative to the fact that the Monroe Metropolitan Area Wide Pollution Control Facilities (Monroe Sewage Treatment Plant) has been authorized in NPDES Permit No. MI 0028401 to discharge to the overflow canal of the Monroe Power Plant upstream of the power

plant's discharge to Lake Erie. The Company was originally unwilling to allow this use of its facilities and land. However, at that time and expressly to induce the Company to enter negotiations with Monroe County officials to allow this MDNR proposed activity, Mr. Bek indicated that staff would be willing to insert into the Monroe Power Plant NPDES permit language recognizing the existence of the sewage treatment plant's discharge and acknowledging that the Company had no responsibility whatsoever relative to the sewage treatment plant's discharge or any effect of that discharge. Based on those discussions and assurances, the Company requests the following statement be included as a "Special Condition" in the permit, "The Permittee is not liable or responsible for, without limitation, pollutants, conditions or effects caused by, arising out of, attributable to or related to, in whole or in part, the construction or operation of or discharges from the Monroe Metropolitan Area Water Pollution Control Facility, notwithstanding anything in this permit or otherwise to the contrary."

6. In Part IC1, page 16, the Company requests the inclusion of the following underlined words:

   "..... operate installed facilities <u>as necessary</u> to achieve the effluent ....." Such an addition is necessary in order to conform with U.S. EPA's NPDES rules and because no justification has been or can be provided to support a more stringent requirement. The addition would clarify that treatment facilities need only be operated when required to comply with discharge limitation and need not be operated merely because they happen to be installed and are available for operation.

7. Part IC2, page 26, contains a compliance schedule for a GC/MS Scan special condition that is not found in the draft permit. Based on discussions with staff, it is the Company's understanding that the schedule was inadvertently placed in the draft permit and will be deleted.

8. As you are aware, the Company has long standing concerns relative to the provisions of Part II of

this permit and other recently reissued NPDES permits and has communicated those concerns to the Commission repeatedly in letters dated, August 8, 1984, September 18, 1984, March 11, 1985, May 22, 1985, and May 24, 1985. Those concerns are equally applicable to this proposed permit for reissuance and the comments made by the Company in the cited letters relative to Part II of those permits are incorporated herein by reference. Further, the Company wishes to state that the Company's concerns were not fully met and the relief requested not fully given in the terms of the other permits. The Company is especially distressed and wishes to emphasize that where it asserted that the proposed terms and conditions were not statutorily authorized or were arbitrary, capricious, and unreasonable, appropriate changes were not always made. Further, the Company states that many of the proposed terms and conditions in Part II are not lawfully included in such an NPDES permit either wholly or in the form proposed because they are not required and supported by the Commission's rules (R 323.2136 - R 323.2146) and by lawfully promulgated rules and regulations of the U.S. Environmental Protection Agency. The Company believes that the Commission is applying such provisions generally to most or all NPDES permits and that, therefore, they should be supported by lawfully promulgated rules and regulations or deleted or modified accordingly. The Company reserves its legal right to contest at any time and in any proceeding the lawfulness of such provisions without regard to unsupported and unsupportable efforts to limit the time for such contest to sixty days (a provision the Company also believes to be an unlawful effort to restrict otherwise available legal rights). The Company, however, does not wish to further delay the reissuance of the above cited proposed NPDES permit while awaiting resolution of its concerns relative to terms and conditions found in Part II. It is the Company's understanding, based on letters dated December 26, 1984, and November 28, 1984, from Ms. Rebecca Strang of the

Permit Section, Surface Water Quality Division, Michigan Department of Natural Resources, that the unresolved issues relative to Part II of the proposed and issued permits that were raised in the above cited letters by the Company will be addressed in an appropriate general revision of the Part II terms and conditions. Because the Company understands based on statements made by representatives of the MDNR and staff of the Commission that it will be afforded the opportunity to comment on such revisions and obtain through permit modification at the Company's request appropriate relief as previously and now requested by it relative to terms and conditins of Part II, the Company looks forward to working with the staff towards this end.

The Company appreciates the opportunity to comment on an early draft of this permit. The Company believes such an opportunity allows for early resolution of issues and makes the permit reissuance process more efficient. The Company, however, anticipates having additional comments relative to the permit and will comment on those issues and any others that arise in subsequent drafts during the public notice period.

If you have any questions relative to the concerns and requests discussed in this letter, please contact me on (313) 237-7021.

Sincerely,

Arthur Heidrich, Jr.

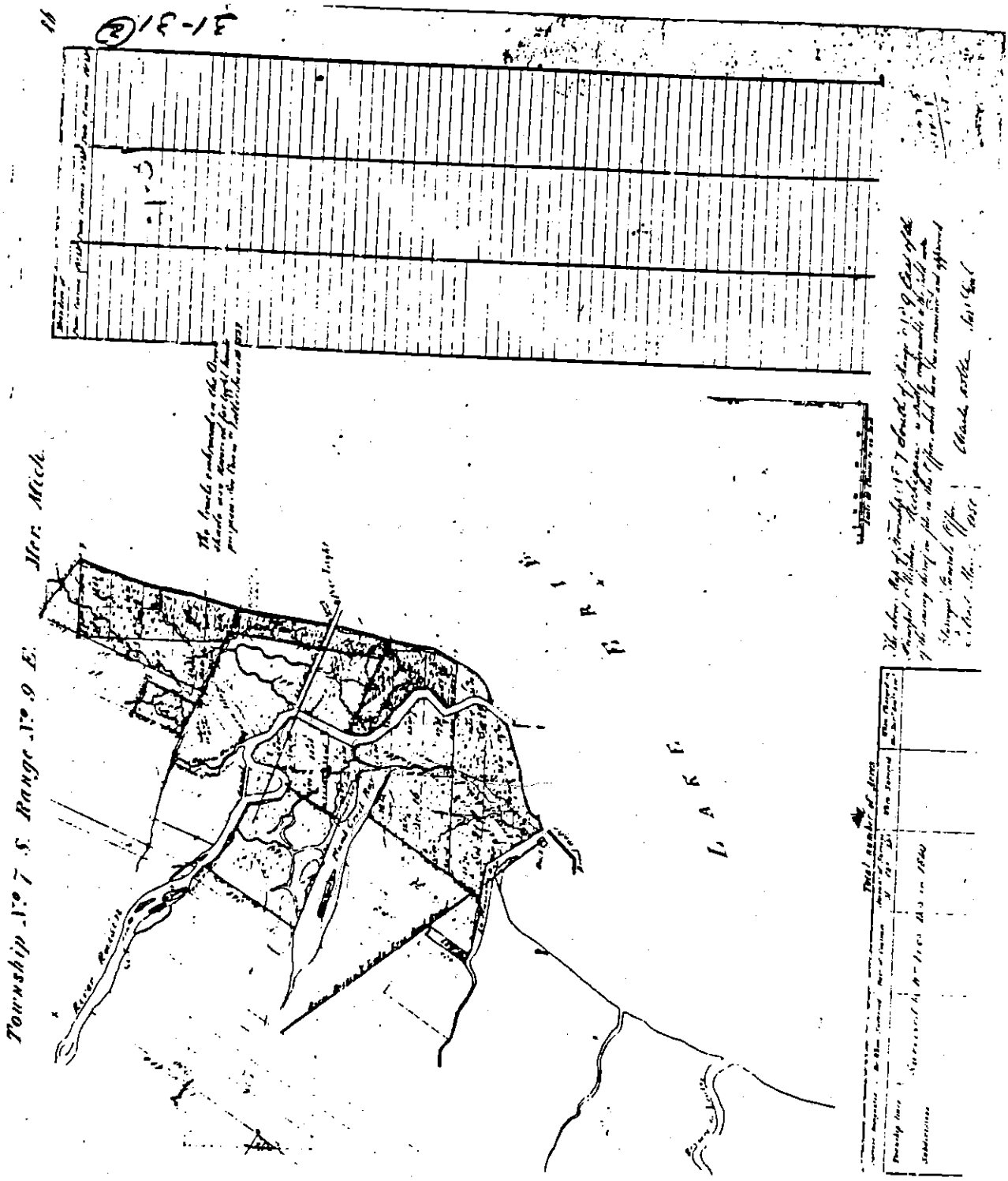
Arthur Heidrich, Jr.
Administrator - Water and
Land Use Programs

AH/bjw

cc: W. McCracken
R. Schrameck

bcc: W. Roller
M. Sterling
B. Tolot
W. Wichers

Attachment 1



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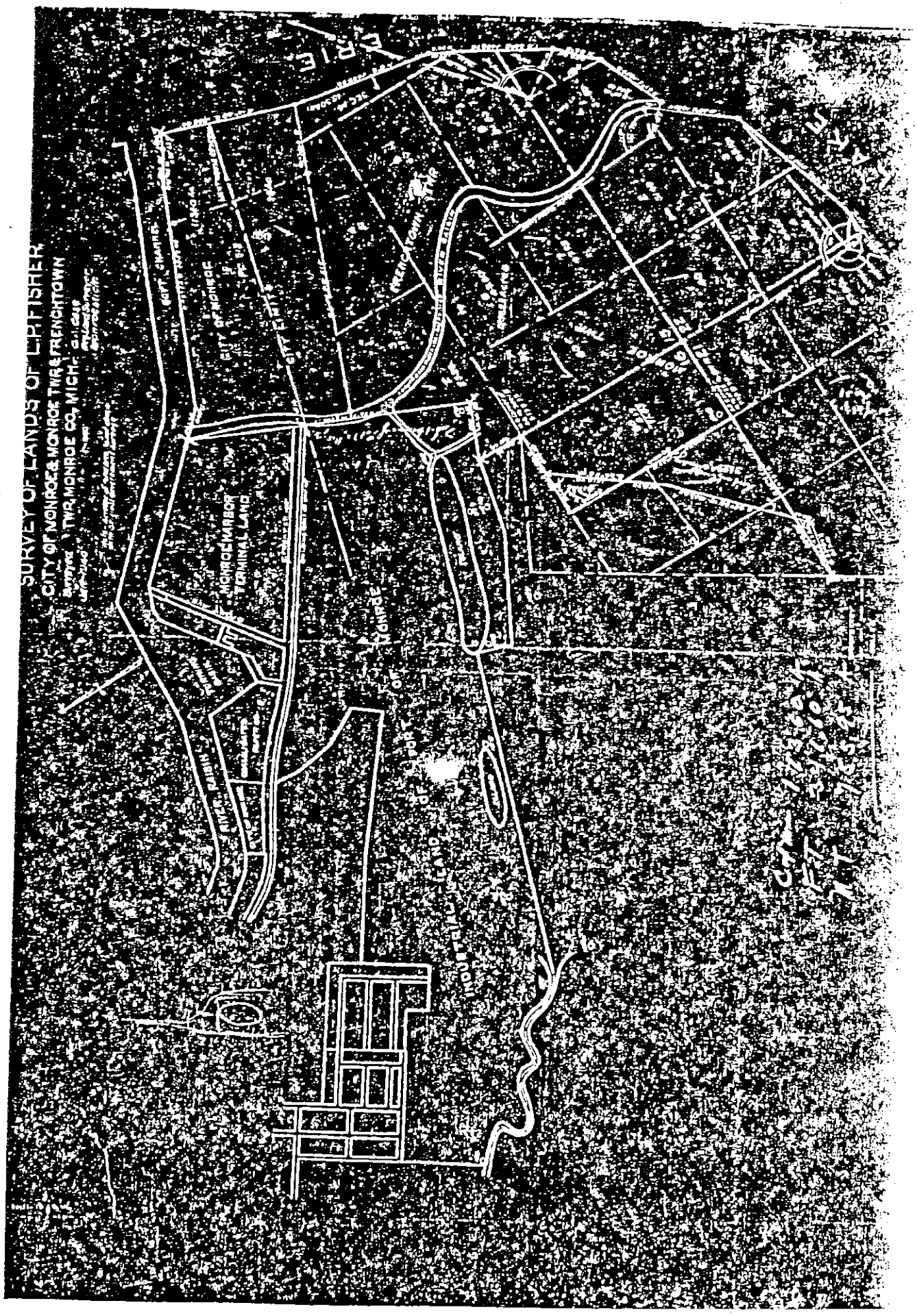

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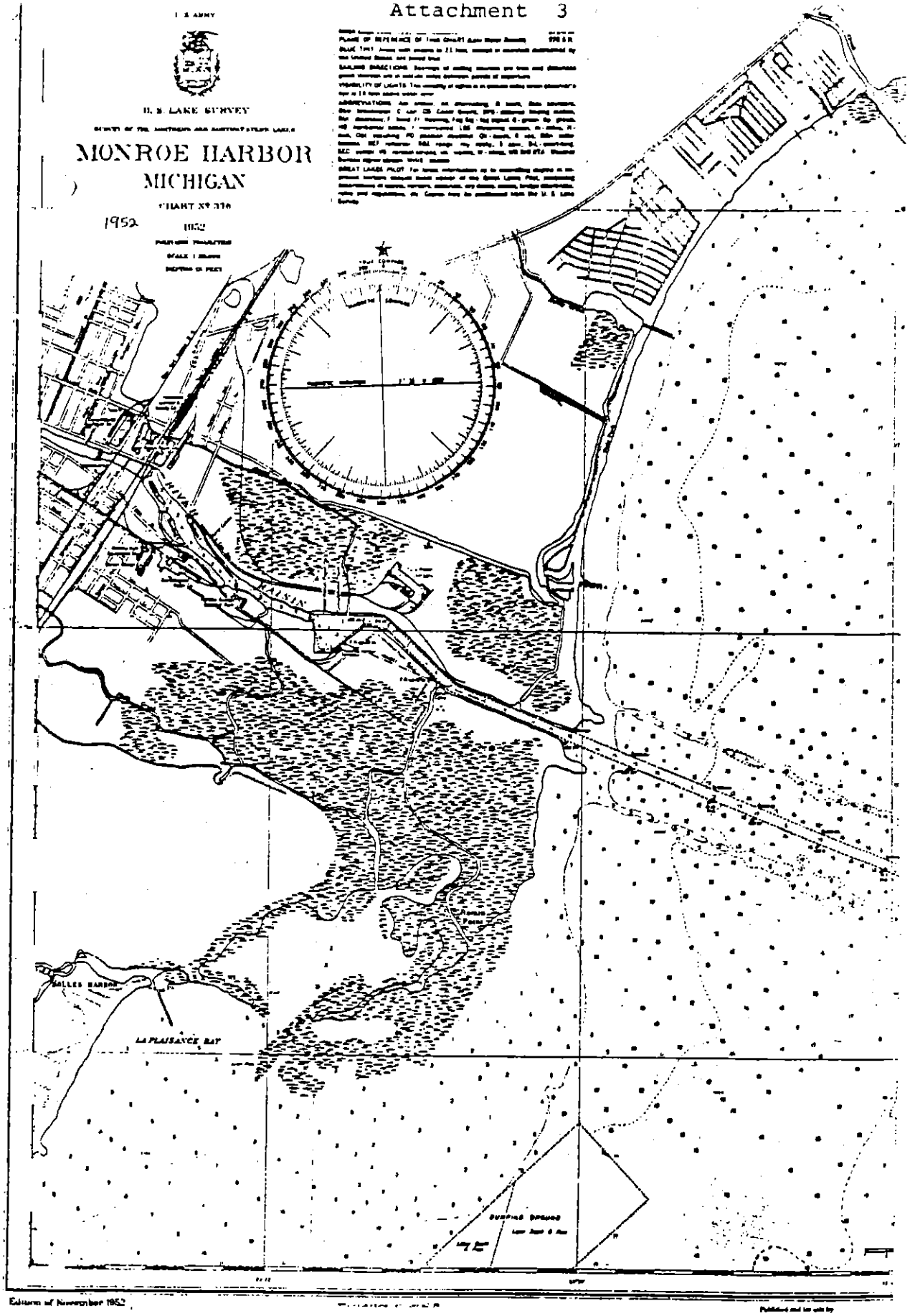

Edition of November 1952

Published and for sale by
U. S. LAKE SURVEY
CORPS OF ENGINEERS, U. S. ARMY
630 Federal Building, Detroit 26, Michigan
AIDS TO NAVIGATION CORRECTED TO

extended westerly and the south side of Robert F. Wagner, Senior Place extended eastwardly, are hereby declared to be nonnavigable waters of the United States within the meaning of the laws of the United States. This declaration shall apply only to portions of the above-described area which are bulkheaded and filled. Plans for bulkheading and filling shall be approved by the Secretary of the Army, acting through the Chief of Engineers, on the basis of engineering studies to determine the location and structural stability of the bulkheading and filling in order to preserve and maintain the remaining navigable waterway. Local interests shall reimburse the Federal Government for any engineering costs incurred under this section.

(Pub.L. 90-483, Title I, § 113, Aug. 13, 1968, 82 Stat. 738.)

§ 59c-2. East River, New York

If the Secretary of the Army, acting through the Chief of Engineers, finds that the proposed project to be erected at the location to be declared non-navigable under this section is in the public interest, on the basis of engineering studies to determine the location and structural stability of the bulkheading and filling and permanent pile-supported structures in order to preserve and maintain the remaining navigable waterway and on the basis of environmental studies conducted pursuant to the National Environmental Policy Act of 1969 [42 U.S.C.A. § 4321 et seq.], then those portions of the East River in New York County, State of New York, bounded and described as follows are hereby declared to be not navigable waters of the United States within the meaning of the laws of the United States, and the consent of Congress is hereby given to the filling in of all or any part thereof or the erection of permanent pile-supported structures thereon: That portion of the East River in New York County, State of New York, lying shoreward of a line with the United States pierhead line as it exists on March 7, 1974, bounded on the north by the south side of Rutgers Slip extended easterly, and bounded on the south by the southeasterly border of Battery Park at a point adjacent to the westerly end of South Street extended south by southwest, is hereby declared to be non-navigable waters of the United States. This declaration shall apply only to portions of the above-described area which are bulkheaded and filled or occupied by permanent pile-supported structures. Plans for bulkheading and filling and permanent pile-supported structures shall be approved by the Secretary of the Army, acting through the Chief of Engineers. Local interests shall reimburse the Federal Government for engineering and all other costs incurred under this section.

(Pub.L. 93-251, Title I, § 51, Mar. 7, 1974, 88 Stat. 26.)

References in Text. The National Environmental Policy Act of 1969, referred to in text, is Pub. L. 91-190, Jan. 1, 1970, 83 Stat. 852, as amended, which is classified generally to chapter 55 (section 4321 et seq.) of Title 42, The Public Health and Welfare. For complete classification of this Act to the Code, see Short Title note set out under section 4321 of Title 42 and Tables volume.

§ 59d. River Raisin, Michigan

The old channel of the River Raisin in Monroe County, Michigan, lying between the Monroe Harbor range front light and Raisin Point, its entrance into Lake Erie, is declared to be not a navigable stream of the United States within the meaning of the Constitution and the laws of the United States, and the consent of Congress is hereby given for the filling in of the old channel by the riparian owners on such channel.

(Pub.L. 89-298, Title III, § 308, Oct. 27, 1965, 79 Stat. 1094.)

§ 59e. Bayou Lafourche, Louisiana

Bayou Lafourche, in the State of Louisiana, between Canal Boulevard, city of Thibodaux, Parish of Lafourche, State of Louisiana, and the head of the bayou at its junction with the Mississippi River levee at the city of Donaldsonville, Parish of Ascension, State of Louisiana, is hereby declared to be a nonnavigable waterway of the United States within the meaning of the laws of the United States. The existing project for Bayou Lafourche, Louisiana, authorized by the Acts of August 30, 1935 (49 Stat. 1028) and July 14, 1960 (74 Stat. 480) is hereby deauthorized in the reach of Bayou Lafourche herein declared nonnavigable.

The right to alter, amend, or repeal this sectio

(Pub.L. 90-149, §§ 1, 2, Nov. 22, 1967, 81 Stat. 507.)

References in Text. The provisions of the Acts of August 30, 1935 (49 Stat. 1028) and July 14, 1960 (74 Stat. 480), referred to in text, authorizing the Bayou Lafourche, Louisiana, project, were not classified to the Code.

Codific and 2 of

§ 59f. Boston Inner Harbor and Fort Point Cha

That portion of Boston Inner Harbor and Fort I Commonwealth of Massachusetts, lying within hereby declared to be not a navigable water of the of the laws of the United States: Beginning at the sideline of Northern Avenue and the westerly Un Fort Point Channel and running northwesterly Northern Avenue to the westerly sideline of Atla running northerly and northwesterly by the wester of Commercial Street to the southeasterly sideline and running northeasterly by the southeasterly southwesterly property line of the United States C and running southeasterly by the southwesterly p Coast Guard Base to the southeasterly property Guard Base; thence turning and running northeas ty line of the United States Coast Guard Bas Pierhead Line; thence turning and running south erly by the United States Pierhead Line, to the p

(Pub.L. 90-312, May 18, 1968, 82 Stat. 125.)

§ 59g. Steele and Washington Bayous, and Lak

Steele Bayou, in Warren, Issaquena, Sharkey, ar pi, Washington Bayou, in Issaquena and Washing Washington, in Washington County, Mississippi, gable within the meaning of the laws of the Unit

(Pub.L. 90-483, Title I, § 108, Aug. 13, 1968, 82 Stat. 73

§ 59h. Northern Embarcadero area, San Franc

That portion of the Northern Embarcadero are the northwesterly line of Bryant Street with the which intersection lies on the line of jurisdiction of following thence westerly and northerly along sai the State of California Harbor and Navigation 1961, to its intersection with the easterly line northerly; thence northerly along said easterly lin its intersection with the United States Governme said pier-head line easterly and southerly to its line of Bryant Street produced northeasterly northwesterly line of Bryant Street produced to declared to be nonnavigable waters within the States, and the consent of Congress is hereby part of the described area. This declaration s above-described area which are bulkheaded and pile-supported structures. Plans for bulkheading ported structures shall be approved by the Sec the Chief of Engineers, on the basis of engineer and structural stability of the bulkheading and structures in order to preserve and maintain t Local interests shall reimburse the Federal Gov incurred under this section.

(Pub.L. 90-483, Title I, § 114, Aug. 13, 1968, 82 Stat. 7

Attachment 5

Land Atlas and Plat Book

1982-1983

ROCKFORD MAP PUBLISHERS, Inc.
4525 FOREST VIEW AVE. ROCKFORD, ILLINOIS 61108

Monroe County Michigan

COOPERATIVE EXTENSION SERVICE

4-H — YOUTH PROGRAMS

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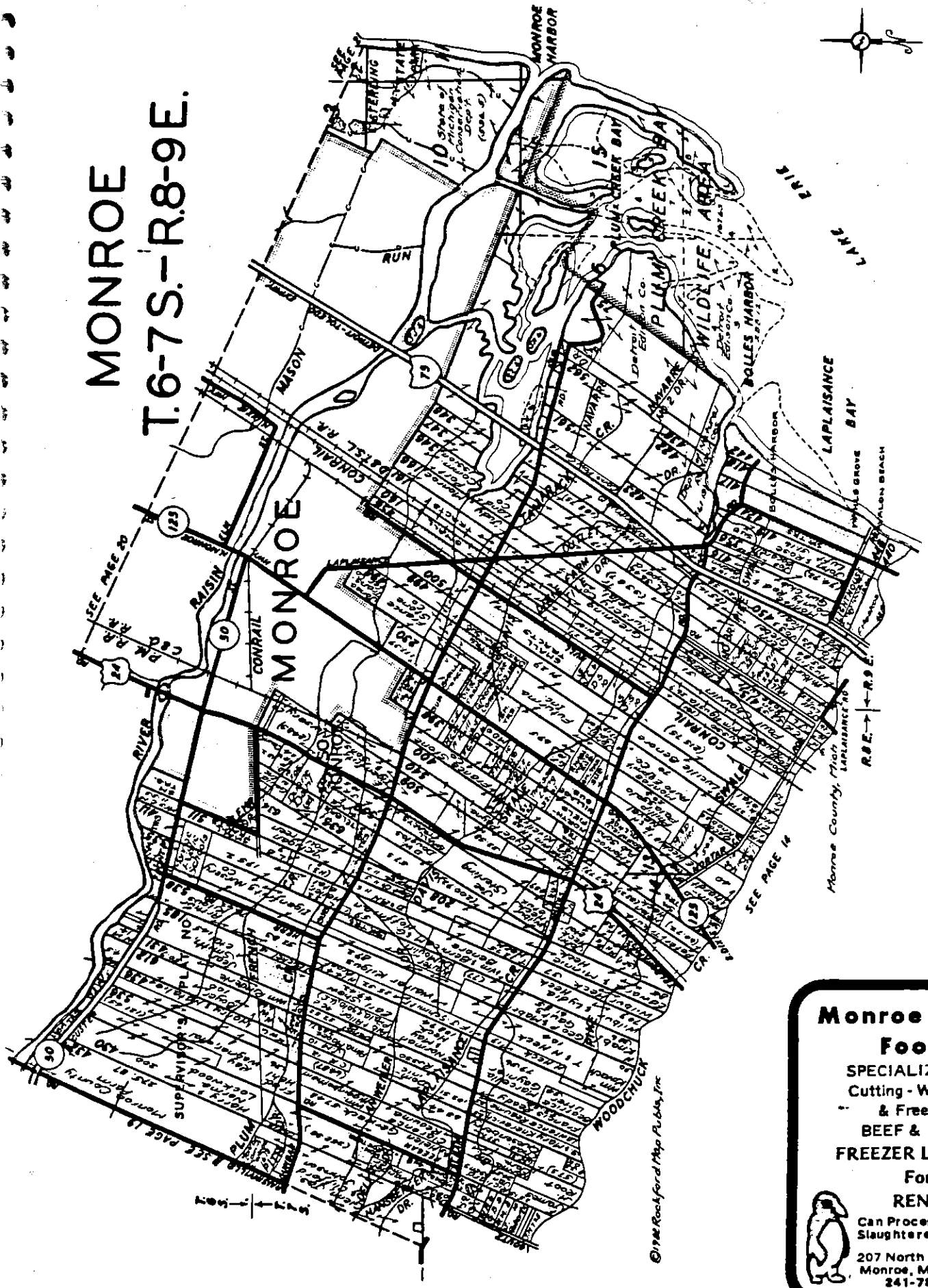

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Monroe, Michigan
241-7870

Attachment 6

monroe county, michigan

coastal zone management component:

monroe county comprehensive plan update

prepared by:

monroe county planning department

royce r. maniko, aicp,
director

dennis ahonen, aicp,
principal planner

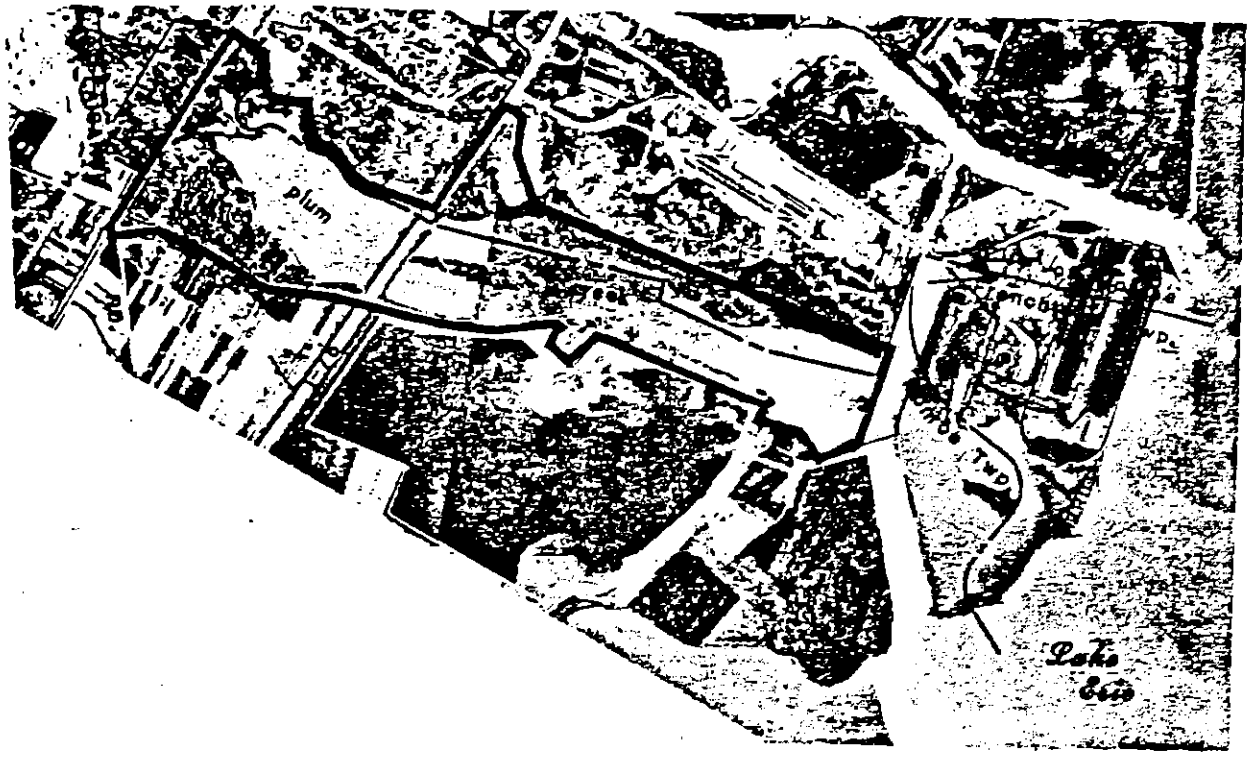
report coordinator:

frank j. nagy,
planner

graphic services:

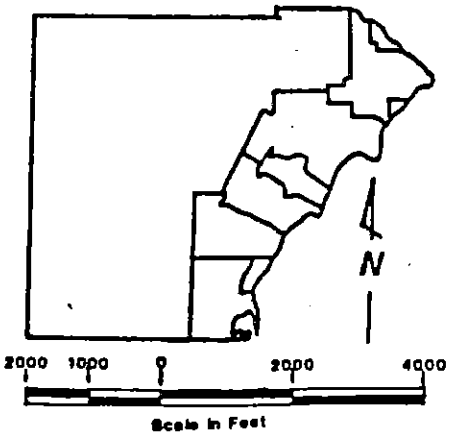
frank j. nagy,
planner

typist:
pat lewis,
secretary



TYPE OF NOMINATION:

- ☐ Flood Hazards Area
- ☐ High Risk Erosion Area
- ■ Ecological Importance Area
- ☐ Natural Area
- ☐ Recreational Area
- ☐ Historical or Archeological Area
- ☐ Coastal Lakes, River Mouths and Bays
- ☐ Islands
- ☐ Urban Areas
- ☐ Mineral Resource Area
- ☐ Agricultural Area
- ☐ Prime Industrial Area
- ☐ Water Transportation Area
- ☐ Sand Dune Area



Monroe County
Coastal Zone Management Nomination # 10

AREA OF PARTICULAR CONCERN NOMIN ON

LOCATIONAL INFORMATION:

County: MONROE **Township:** MONROE **City/Village:** CITY OF MONROE

Brief Locational Description:

This nomination consists of roughly 450 acres of wetlands and woodlots situated in the northeast portion of Monroe Township, and a portion of the City of Monroe. It is bounded on the west by the Grand Trunk Railroad, on the north by the City boundary line and the auxiliary rail line to serve the Monroe Power Plant, on the south by Dunbar Road, and on the east by the cooling canal of the power plant.

SITE AND AREA INFORMATION:

Name: Plum Creek Estuary **Ownership:** Private

Present Use:
Wetland area with some residential.

Surrounding Land Uses:
The area east of I-75 is utilized for industrial purposes. On the west side of I-75 it is vacant to the north, residential to the west, and nursery property to the south.

Relationship to Adopted Plans and Policies:

1. Monroe County, Year 2000: Comprehensive Genral Development Plan (1976) - Recreation/Open Space
2. Monroe Township Land Use Plan - 2000 (1982) - Recreation/Open Space
3. Monroe Township Zoning Ordinance - AG, Agricultura; LI and HI, Industrial
4. Monroe Township Flood Insurance Study

BACKGROUND ANALYSIS:

Issues Relating to this Area:

Area is desginated as recreational in both County, City and Township Land Use Plans. A barrier dike is currently under construction along the north side of Plum Creek that will restore two islands to their natural condition. This is one of the few remaining wetland areas between the Erie State Game Area and Pointe Mouillee.

Management Needs:

- To acquire all lands for public ownership.

Implementation Stratgies:

- To encourage the State of Michigan to acquire Kausler's, Smith's and Foley's Islands and all other lands and waters encompassing this nomination through the Michigan Land Trust Fund.

Prepared By: MONROE COUNTY PLANNING DEPARTMENT. 1410 E. First Street, Monroe, Michigan 48161

Sara
FYI
ASAP

TO: FILES

FROM: MAGGIE FIELDS

RE: DETROIT ED-MONROE
CEI INSPECTION

FACILITY # 580129
PERMIT # MI0001848
Issued 8/22/85
Expires 7/31/90

DATE: NOVEMBER 11,1986

PRESENT:

Detroit Edison-Corp (313)237-7021
Art Heidrich, Admin., Water & Land Use
Dave Saint Onge, Environmental Engineer
Detroit Edison-Plant (313)243-4110
Bill Roller, Plant Superintendent (Intro)
Jerry Edgerton, Operations Engineer (Intro & Closing)
Contact- Mike Delaney, Environmental Compliance Spec.
Claire Jennings, Environmental Tech. (Lab)
Tim Walsh, Environmental Tech. (Lab)
MDNR-SWQD (313)344-9460
Maggie Fields

OUTFALLS:

001 (580127) Total Discharge ~2 billion gallons
To Lake Erie--Mouth of Plum Creek Bay
00A (580275) Fly Ash Transport Water ~19.4M gals.
To Plum Creek Bay--South side, near the ash transport pipes.
00B (580162) Bottom Ash Basin & Other ~38.4M gals.
To Plum Creek Bay--North side, Area 15 weir
00C (580330) Chem. Metal Cleaning Wastes ~.3M gals.
Internal
00D (580293) Demineralizer Water ~1M gals.
Internal
00E (580353) Boiler Blowdown ~.13M gals.
Internal
002 (580) Intake fish Pump water & fish and storm water
To Lake Erie--built out from beach
003 (580399) Storm water
To River Raisin--~100 feet west of intake
000 (580161) Intake
South bank of River Raisin--~1000 ft E. of Lk Erie
Recirculating Canal
Recirculates water to the River Raisin--~500 ft W. of the intake. Generally a winter operation to keep the intake clear of ice. Controlled at the weir gates near Front St.

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SWQD PERMITS

PLANT PROCESSES
The Monroe electric generating plant represents over 40 percent of the generating capacity of the entire Detroit Edison Company. It is one of the largest coal fired power plants, with a generating capacity of 3,000 megawatts. The plant has four sets of boilers, turbines, and generators. At the time of the inspection, one of the turbines was down for major maintenance work. The over 400 employees operate the site on a continuous basis as a base load plant.

WATER SUPPLY, WASTEWATER & TREATMENT
The domestic water and boiler feed water are supplied by the City of Monroe. The process and cooling water is pumped from the River Raisin through an series of intake screens.

The outer intake bar screens are designed to control logs and debris. The inner screens are equipped with side pumps which were intended to reduce fish impingement by diverting them through a pipeline system out outfall 002 into Lake Erie. Even so, the site has a significant shad/fish disposal problem. At the time of the inspection, the plant had been instructed by the DNR to landfill the trashed fish and not to resell it for fertilizer. The company may request the DNR to reconsider this position. By recycling the impinged fish, the company and consumers benefit, the wasted fish are put to good use and it opens limited landfill space for more appropriate wastes.

The intake water is chlorinated daily. The condenser cooling water flows to the plant canal system which discharges over a weir at Front Street. This is the head of the outlet channel and is the monitoring point for chlorine.

The plant does have a connection to the City of Monroe's sewer system. This is used only for the site's domestic wastewater and not for any process wastes.

The chemical cleaning wastewater is pumped to a 6 million gallon retention/treatment tank behind the plant. Once treated the wastewater is routed through a diatomaceous earth pressure filter. This wastewater enters the plant's canal system through outfall 00C. Because of the tank and pump equipment location, this can and has spilled over into the bottom ash basin.

The chemical cleaning wastewater 00C discharge is an internal pipeline monitoring point as is the demineralizer wastewater discharge 00D and the boiler blowdown discharge 00E. These dishcarges enter the plant's canal system and the head waters of the outlet channel.

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SWQD PERMITS

Oily wastes from leaking equipment and floor spillage, is processed through an inground oil/water separator tank system. The oil and sludge from the system is recovered. At the time of the inspection, Astro Oil was the disposal company used. The processed wastewaters are discharge with roof and surface storm drainage, coal pile runoff and bottom ash transport into Area 15. This 125 acre bottom ash lagoon discharges over a weir on the south side (Outfall 00B) into Plum Creek Bay, also known as the outlet channel.

The fly ash recovered by the electrostatic precipitators is sluiced to the 20 year old, 400 acre settling lagoon. The lagoon is bordered by a couple of residence homes and Plum Creek Bay to the north, I75 to the west, Detroit Edison farm acreage to the south, and a small wooded area and Lake Erie to the east. In addition to the fly ash, the storm water from the farm land is also pumped into the lagoon. The retention time is approximately 20 days. The lagoon has had two discharge systems. The old discharge pipes have been plugged with cement. The lagoon presently discharges through three vertical concrete outfalls on the east end of the lagoon. This water is then channeled down a ditch ~1000 feet through a wooded area, to outfall 00A. This site is near the ash transport line crossing on Plum Creek Bay, and almost opposite 00B.

During the inspection, a large old open pipe was observed near the forced air sampler on the north side of the fly ash pond. Plant personnel were advised to determine what connection or function the pipe had, if any, and to consider flanging it to prevent any possible discharges to Plum Creek Bay.

The outlet channel, from its headwaters at the Front street weir to below outfalls 00A and 00B, was observed to be teaming with fish. Shad and therefore Seagulls congregate in the unseasonably warm waters.

Outfall 002 is the fish pump discharge to Lake Erie and was inspected. No problems were observed.

Outfall 003 is the storm water discharge into the River Raisin just upstream of the intake canal. This outfall drains the outdoor transformer substation and parking area. There are no PCB units on site. No problems were observed.

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MAR 0 9 1987

SWQD PERMITS

The plant's training records were reviewed. The facility had an extensive inventory of training and procedural records. Without a cross index or master index, locating the jit for flushing the oily/wastewater separator tanks was difficult. Plant personnel were asked to locate it later to ensure the tank sludge and therefore possibly metals or chlorinated solvent contaminants, would not be flushed unknowingly to Area 15.

The plant lab and records were inspected briefly, but in detail. The lab, monitoring records, QA/QC, etc. all seemed to orderly, logical and very well maintained.

The plant as a whole, appeared to be very well maintained and one of the more environmentally aware plants.

RECEIVED

MAR 0 9 1987

SWQD PERMITS

PERMIT ID: 18045.1 SUPPLICATION ID: 0907

00-013 Sara 10/20/99 due 1/14/00

SURFACE WATER QUALITY DIVISION -- PERMITS SECTION

TRACKING CHECKLIST

SECTION A -- TRACKING SYSTEM DATA (to be completed by Permits Section staff)

Designated Name: DECO-Monroe Pit **Permit No.:** MI 0001848

Permit Unit: (Erie) Michigan Lake Superior/Upper Peninsula

Processor: ~~Malvetis~~ Quraishi

***Action Code:** N (R) RR M EL

Priority: 3

Basin Year: 2000 **Hydro Unit:** 4100001 **Segment** 2

District: MQT CAD SAG SHI GR SEM (JAC) PLA **Major:** (Yes) No

Application: Submitted: 9/22/99 Completed: 9/22/99

Receiving Water: Lake Erie **Great Lakes Discharge:** (Yes) No

Mixing Zone: None Standard (Designated (specify)) 10:1 (Lake)

TTBELs: (Regs) BPJ None **WQBELs:** (Toxics) Conventionals None

Permits Section Unit Chief

* N = New R = Reissue RR = Revoke & Reissue M = Modification EL = Effluent Limits

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SECTION B -- FLOWS AND WQBELs

TO: William Creal, **GLEAS Unit Chief**

Date Assigned: 10-13-99

WQBELs Due Date: 1-14-00

GLEAS Low Flow Review Due Date: _____

Hydrology Date Assigned: _____

Hydrology Due Date: _____

PERMIT ID: _____ _____ SUPPLICATIO. J: _____

SECTION C -- LOCATION FOR LOW FLOW DEVELOPMENT (to be completed by GLEAS)

Location _____ of _____ ☐ 90dQ10 Flow ☐ Harmonic Mean Flow

1. Water Course: _____ Location: _____
2. _____ ¼ of the _____ ¼ of Section _____, T_____, R_____, of _____County
3. USGS Topographical Map Name: _____ Quadrangle
4. Should other facilities be reviewed at this time: Yes No
5. Please list: _____
6. Remarks: _____

_____

SECTION D -- LOW FLOW DATA (to be completed by Hydrology)

1. Water Course is: _____ Perennial _____ Intermittent _____ Ephemeral
2. Drainage Area: _____
3. Monthly Exceedance Flows in CFS:

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
50%						
95%						

	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
50%						
95%						

4. 90dQ10 Flow in CFS: _____
5. Harmonic Mean Flow in CFS: _____

Remarks: _____

_____

_____ _____ _____

Hydrology Unit Supervisor Date Complete LWMD Record Number

PLEASE RETURN A COPY TO: Permits Section Unit Chief and GLEAS Unit Chief indicated on reverse side.

Rev. 1/99