



Municipal Separate Storm Sewer System (MS4)
2857 W. St. Rd. 2, Suite B – LaPorte, IN 46350 – Phone (219) 326-6808 Ext. 2114

2012

MS4 – ANNUAL REPORT

FOR:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

LAPORTE COUNTY MS4/SOIL and WATER CONSERVATION DISTRICT

REPORTING YEARS – (2010 & 2011)

SUBMITTAL DATE 10.30.2012

SUBMITTED BY – MIKE POLAN, MS4 BOARD COUNTY REPRESENTATIVE

RICK BROWN, CESSWI, CMS4S

LaPORTE COUNTY MS4 COORDINATOR



Rule 13 - MS4 ANNUAL REPORT

State Form 51278 (R6 / 7-12)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

For questions regarding this form, contact:

IDEM Office of Water Quality , Storm Water Program
MS4 Coordinator
100 North Senate Avenue, Room 1255
MC 65-42
Indianapolis, IN 46204-2251
Telephone: (317) 234-1601 or
(800) 451-6027, ext. 41601 (within Indiana)
Web Access: <http://www.IN.gov/idem/4900>

- NOTE:**
- Annual reports must be submitted to the Indiana Department of Environmental Management. **Failure to submit the annual report is considered noncompliance with your permit.**
 - For the **first five (5)-year** permit term, this completed form must be submitted by 1 year from the SWQMP – Part C submittal date and, thereafter, 1 year from the previous report (i.e., in years two (2) through five (5) of permit coverage).
 - In the **second and subsequent five (5)-year** permit terms, this completed form must be submitted in years two (2) and four (4) of permit coverage.
 - Please type or print in ink.**
 - Please answer all questions thoroughly and return the form by the due date.
 - Return this form and any required attachments to the IDEM Storm Water Program, MS4 Coordinator at the address listed in the box on the upper-right.

Five Year Permit Term	Reporting Year
<input type="checkbox"/> 1st Permit Term <input checked="" type="checkbox"/> Second and subsequent five (5) Year Permit Terms	Permit Year <u>2012</u> <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5 MS4s in their first permit term must submit reports annually. MS4s that are in subsequent permit terms must submit in years 2 and 4 of the permit term.

PART A: GENERAL INFORMATION – MS4 OPERATOR

1. Permit Number: INR 0 4 0 107	Type of MS4: <input checked="" type="checkbox"/> City <input checked="" type="checkbox"/> Town <input checked="" type="checkbox"/> County <input type="checkbox"/> Non-traditional
2. MS4 Entity: <u>LaPorte County MS4-Co Permit</u> <i>(Name of permit holder)</i>	
3. MS4 Operator: <u>Mr. Jerry Jackson</u>	
4. Mailing Address: <u>Wastewater Department, City of LaPorte</u> <u>2101 Boyd Blv'd.</u> <u>LaPorte, IN</u> ZIP: <u>46350</u> County: <u>LaPorte</u>	
5. Email Address: <u>jjackson@cityoflaporte.com</u>	

PART B: GENERAL INFORMATION – MS4 COORDINATOR

6. MS4 Coordinator (please print): <u>Rick Brown, CESSWI, CMS4S</u> <i>R. Brown, MS4</i>
7. Person's Title: <u>MS4 Coordinator</u>
8. Mailing Address: <u>2857 W St. Rd. 2, Suite B</u> <u>LaPorte, IN</u> ZIP: <u>46350</u>
9. Telephone Number: <u>219-326-6808 ext 2114</u>
10. E-mail Address: <u>rbrown@laportecounty.org</u>

PART C: GENERAL INFORMATION – REPORT PREPARER

11. Name: Prepared by MS4 Coordinator in cooperation with the MS4 Board <i>(Provide this information if someone other than MS4 Operator or Coordinator completed this report.)</i>
12. Affiliation with the MS4: <u>LaPorte County MS4 Board Assistance.</u>
13. Mailing Address: <u>Same as above</u> <u>, IN</u> ZIP: _____
14. Telephone Number: _____ Extension: _____
15. E-mail Address: _____

16. Provide a summary of the following program management activities performed during the reporting period:

- a) If this is a co-permit, list all permittees and operators responsible for permit implementation for each entity.

Michigan City - Michael Kuss
LaPorte City - Jerry Jackson
LaPorte County - Mike Polan
Town of Long Beach - Tom Dolph
Town of Trail Creek - Kate Doyle

- b) Identify changes to the MS4 area boundaries, including areas added to or lost to the MS4 area via annexation or other similar means. Provide a current map (8.5" X 11" or 8.5" X 14")

In 2012 IDDE Plan (tab #2) - copy included at back of report.

However, consolidation/restructuring perhaps will effect future boundries. The City of Michigan City may consolidate on their own, which will change the County MS4 boundries. The LaPorte County Coordinator will ask IDEM for assistance and file the proper NOI etc, shall this occure accordingly.

- c) Identify follow-up or additional water quality characterizations completed during the reporting period if applicable.

2010 Michigan City Sanitary District - Chronic Toxicity Test Result Compliance.
2010 LaPorte Wastewater Department - Whole Effluent Toxicity Compliance.
2011 Michigan City Sanitary District - Chronic Toxicity Test Result Compliance.
2011 LaPorte Wastewater Department - Whole Effluent Toxicity Compliance.

- d) Provide updated receiving water information completed during the reporting period if applicable.

LaPorte City has created increased awareness as to high water mark elevations in local lakes, and no direct conveyance without pretreatment to the local lakes is allowed, per the City Engineering Department. Thereby, establishing construction cut & fill excavation thresholds.

- e) Identify funding sources (utility fees, grants, enforcement fines etc) utilized for MS4 program implementation during this reporting period.

Past ordinance #2007-13 requires obtaining Stormwater Plan Review permit fee's(Stormwater Non Reverting Fund).

LaPorte County County Council approved additional funding for the MS4 Program, Specifically for Public Outreach & Education in the amount \$4000.00 to be included in the 2013 budget cycle. This is additional funding beyond standard MS4 Entity percentages.

- f) Provide a list of new active industrial sites identified during this reporting period.

See 2012 Latest Revised list of Industrial Sites as provided by IDEM. Since the new format, unlike the old style, "Activity Status" is not provided. We are in the process of confirming all provided sites.

All confirmed sites are also now mapped as required by 8/7/12 IDDE Audit.

- g) Provide a list of facilities owned and operated by the MS4 that require Rule 6 (industrial storm water) permits.

The latest list of known MS4 facilities we are aware of are: (We are still tracking per the IDEM website as to Rule 6 requirements. These are the facilities with SWP'3s.)

Michigan City Central Services
Michigan City Parks and Recreation
Michigan City Central Maintenance
Michigan City Zoo
Michigan City Municipal Golf Course
Michigan City Transit & Bus
Trail Creek Street Department
Long Beach Street Department
Michigan City Sanitary District

g-Continued:

LaPorte City Street Department
LaPorte City Transit
LaPorte City Parks & Maintenance
LaPorte City Golf Course
LaPorte City Wastewater District
LaPorte County Highway Headquarters
LaPorte County Vehicle Maintenance
LaPorte County Parks-Luhr Park

h) Provide a summary of complaints received and follow-up investigation results related to storm water quality issues during this reporting period.

In 2010 six complaints/incidents were responded to, reported by email, hotline, or regular phone message. Educative enforcement done-no future call back required additional field evaluation reports.

- * Water running off neighbor property to adjacent neighbor.
- * Stormwater raising adjacent wetland area water level.
- * Neighbor's stormwater running across Hwy#2 & Hwy #421 into stormwater basin.
- * Hitchcock Rd. Michigan Sanitary stormwater running off site. A new SWP'3 developed and sent in to IDEM-approved.
- * Long Beach Cove Apartments, sediment running into stormwater basin.
- * Torino street, 2ea. houses being built-stormwater running into wetland.

In 2011 five complaints/incidents were responded to, reported as above. Educative enforcement done--no future incidents call backs required additional field evaluation reports.

- * Water running off adjacent neighbor flooding back yard.
- * Hwy #421/400S stockpile, no perimeter controls.
- * 900N & 300W, new culvert installation, neighbor complaint of sediment flow.
- * Stockpile area used by INDOT & contractor at Hwy#421, Thompson Trucking as a storage area.-A SWP'3 done and submitted to IDEM

In 2102 three complaints responded to--"new process" started of field-evaluation reports being generated and kept in separate complaint file.

- * Roadway side swale not draining, investigated, sump-pump water--exempt from rule. Asked County Highway to clean swale.
- * Saugany Lake-new residence, sediment concerns going into lake. Less than 1-acre-working w/contractor to install BMP erosion controls.
- * Hunsley Ditch, Approved dam installation, neighbor complaint not enough water flowing downstream. neighbor would not identify self.

Copies of reports now an official record keeping process. Each incident will be kept on an field-evaluation form in a technology file.

Re-Cap:

- * 7 complaints construction related all taken care of by MS4 Coordinator, 2 required potential Stop-Work-Order actions via correspondence.
- * 1 complaint was a possible illegal dumping action, upon investigation, no such action IDDE action. Sump-Pump water only-exempt.
- * 4 complaints between neighbors, all taken care of without further action being required, education of each neighbor.
- * 1 complaint unfounded.

17. Identify the best management practices (BMPs) for public education and outreach included in your Storm Water Quality Management Plan (SWQMP) Part C and then respond to the following:

- a) Identify progress made towards development and implementation of each BMP for this minimum control measure (MCM) including timetables and measurable goals during this reporting period.

1) Staff. The MS4 program continues to employ a full-time coordinator, since 2004. To oversee, implement, assist, and document Public Outreach and Education as it applies to water quantity & water quality, by agreement with SWCD. The coordinator job description is to act at the direction of the MS4 Board.

The past 3 budget cycles have included additional funding for a Part-Time Hire, In cooperation with the Indiana "Summer-State Work-Study Program", Funded by an Obannon Grant . The additional assistance has proved to be invaluable & much needed.

The overall program for this MCM applies to all entities. Major focus to increase awareness of the harmful effects of polluted storm water run-off and its potential water quality effects of receiving waters. LaPorte County MS4/SWCD, by agreement assist with implementation. (classroom education, teacher education/training, brochures etc). See appendix of attachments for Education numbers.(SEE APPENDIX OF ATTACHMENTS FOR REVISED 2010 SCHEDULE "C" BMP LIST)

Additional duties have been absorbed by the entities (Entities doing more), as the new 2012 Board is dividing up responsibility roles—working better.

2) Printed Materials. Printed materials such as eliminating phosphorus use, (Approx. 430 handed-out at 2010 LaPorte County Fair), Illicit discharge education, and basic stormwater Good-Houskeeping have been distributed also. Additional presentation with SWCD staff at a "Raingarden-Party" follows a Blue-Thumb Program criteria.

3) Newsletter. MS4 is a participating member of the SWCD quarterly issued "Newsletter". The MS4 has a section called "MS4 Minute with Rick Brown". Many topics have already been published—all having a public education element dealing with stormwater. The average circulation ranges in the high 400's with plans for an increase.

4) Watershed Management Plans. Two watershed plans are in effect in our MS4 area. The Trail Creek Watershed Plan, and the Galina Watershed Plan. Both are doing well and being evaluated yearly, administered by SWCD.

- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.

Small staff and minimal funding is still a roadblock to fast/vast improvements. Increased cooperation between MS4/SWCD education has improved through close proximity (in the same building), and doing some educating together.

- c) Describe program BMPs that went beyond those identified in the SWQMP.

SWCD/education coordinator has implemented a nature walk at LaPorte County Fair Grounds, increasing public awareness. LaPorte County MS4 Program was awarded a "Certificate of Recognition" based upon Program Management, Public Education, and Good Housekeeping as per the SWQMP.

- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.

An association with 'Blue Thumb' programs eg; Rain garden party programs now being implemented for public education. The new MS4 SWCD office building has a 200 lineal foot demonstration pervious concrete sidewalk

- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.

LaPorte County Household Hazardous Waste (HHW) and MS4 continue promoting programs such as 'Pill Drop Program' & exchange of 'Mercury Thermometer/Digital Thermometer' program, Fat-Free Sewers. Also, implementation of Commercial oils & fluids drop-off record keeping will be beginning early 2013, and records of all picked-up quantities are given to the MS4 each year.

Curb-side trash pick up with new dark-blue containers for recyclables & attached lids have been distributed and are working to control floatables and stormwater run-off associated with trash. Additional programs such as Tire & Appliance, Shredding Events, and Electronics Collections are also part of the Household Waste Schedule.

- f) Other:

Meetings for 2013 schedule with additional MS4/HHW cooperation and assistance specifically for Public Education are ongoing.

18. Identify the best management practices for public participation and involvement included in your SWQMP Part C and then respond to the following:

- a) Identify progress made towards development and implementation of each BMP for this MCM including timetables and measurable goals during this reporting period.

1) Staff: See previous staff description (BMP). Also, See Revised 2010 Schedule "C" BMP's.

2) The MS4 Coordinator is on the LaPorte City Site Review Committee. Participants include LP Wastewater, LP City water, City Engineering & Code Enforcement, LP City Fire, & LP Development. This committee reviews construction projects at an early phase to provide input from all for a smoother transition when contractors finalize plans and go to the Building Permit Phase.

3) The MS4 Coordinator is also on the LaPorte County Plat Committee. Reviews early phase of plan development similar to LaPorte above. However, additional participants include the County Surveyor, County Engineer, County Health-Department, and County Building Commissioner.

- b) Describe implementation problems encountered and changes made due to ineffectiveness or infeasibility during this reporting period.

The Board has a concern that not a lot of local persons know about how to report questions/issues to the MS4 Coordinator, even though participation involvement efforts have been done. So, the increasing of public awareness is one of the main focus issues for MS4. A 30 minute session with the local radio (WLOI/WCOE)-Breakfast Showcase has already been scheduled after this Annual Report deadline (Nov 12, 2012). Illicit discharge brochures were handed out at the local 2012 LaPorte County Fair, one of the largest fairs in the State. MS4 shared a booth with SWCD in the conservation building where all sorts of conservation practices were on display. Over 500 brochures were given out/taken. (See Illegal Dumping hand out in appendix of attachments). Illegal Dumping with contact information is now on the MS4 Website for Public Ed. and Reporting.

- c) Describe program BMPs that went beyond those identified in the SWQMP.

1) Partnership Building:

With the new building location, and being involved with Purdue Extension/SWCD additional partnerships eg; Master Gardeners-Pollinators, Rain Gardens, Rain Barells, and Farmer/Field programs are increasing awareness/involvement.

2) Additional Structural BMP's:

The new building design included input from MS4. A new 200 lineal foot "Pervious Concrete Sidewalk" was installed at the entire front of the new building to show the public the benefits of infiltration versus run-off.

Also, surrounding the new building, approximately 3 acres of "Native Indiana Prairie Grass" was installed with a mixture of wildflowers to decrease mowing cycles and have the country look & feel of Indiana.

A depression area for parking lot stormwater was designed to allow for a future "Raingarden" as time and funds allow. Note; the funds for these activities were directly paid for out of the MS4 Budget and approved by County Government Partnership.

- d) Identify storm water BMPs installed or initiated for this MCM during this reporting period.

Rain Garden, Rain Barell, Native plantings have all been installed at the LaPorte County Fair Grounds Nature New Walk area. This is a showcase of "Pollination Importance" as well as Indiana native species.. A must see at the County Fair.

- e) Describe program implementation partnerships and explain successes and barriers during this reporting period.
Solid Waste District and MS4 are presently starting/implementing a Oils and Fluids pick up program and identifying drop-off participation identification.

- f) Other:

1) All MS4 meetings are posted for the Public to see at the Purdue Extension Building main entrance. Topics to be discussed, agenda, time, and location so the Public is aware of events etc; allowing the public a chance to participate/review what is going on in MS4.

2) Per MS4/SWCD Intergovernmental Partnering Agreement - MCM #1 & #2: (reporting requirements).

- * In 2010, approximately 1,002 ea. Various training subjects, environthon contest, with Save the Dunes & NIRPC partnerships.
- * In 2011, approximately 3,192 ea. "

(See appendix of attachments).

19. Identify the best management practices for illicit discharge detection and elimination (IDDE) included in your SWQMP Part C and then respond to the following:

- a) Identify progress made towards development and implementation of each BMP for this MCM including timetables and measurable goals during this reporting period (mapping, screening, etc.).

1) As outfalls were located the local MS4 entities performed dry weather screening and reconnaissance inventory. MS4 personnel at this time are evaluating potential field testing kits. (beyond local waste water labs.). Methods of pollutant concerns and parameters such as pH, nitrogen -ammonia etc. being evaluated for future purchases.

2) All screening data has been documented on all outfalls. A GIS stormwater map of each entity outfalls are also completed.

3) All entities shall provide any new outfall information to the MS4 coordinator, updated annually by each entity staff.

4) The 2012 new IDDE plan shall be reviewed annually so as to update and check for adequacy and accuracy. This will include review and record keeping for development of hotspots. (re-occurring discharges).

5) Furthermore, on an annual basis at least 25% of MS4 outfalls will be reviewed and new reconnaissance reports will be completed, as per the 2012 IDDE Plan. (See signatory page of all entity involvement signatures at the end of this report).

6) A review/audit of this new plan was performed on 8/7/2012. The information and this part G section shall be considered and reviewed as official responses to the IDDE Audit specifically.

7) Measureable goals such as walking all stream miles, developing GIS Digital Mapping, Public Outreach and Education to be completed by mid-to-end 2013. (See section 5 of the IDDE Plan).

- b) Describe implementation problems or challenges encountered, particularly as it relates to mapping and screening of outfalls during this reporting period.

NOTE: Not all Michigan City outfalls per Rule were completed for locations and screening at time of Audit.(See below).

Screening of all outfalls and reconnaissance inventory are completed. All mapping of all MS4 entity outfalls are completed. (See MS4 area mapping and entity outfall mapping at the end of this report).

- c) Identify changes made to the IDDE Plan during this reporting period if applicable.

An MS4 "NOTICE" yellow tag has been develop for use on construction site larger than 1 acre. It is useful and clearly visible to contractors and makes them aware of the site inspection Disapproval or approval, or 1st or 2nd notice. See appendix of attachments.

A whole new IDDE Plan has been established and implemented, in conjunction with the original IDDE ordinance.

- d) Identify updates or revisions to IDDE ordinance or other regulatory mechanism made during this reporting period.

The new IDDE Plan Audit was performed 8/7/2012. This new plan is in coordination with existing Entity IDDE Ordinances. No ordinance changes have been made in this reporting period.

- e) Describe level of mapping and screening completed to date. If there are unmapped or unscreened outfalls, provide a plan and a timetable for completion.

As of this date : 100% completed. GIS Mapping 100% completed.

- f) Other:

1) Eliminating Illicit Discharges. See tab 3, in the IDDE Plan for flowchart of source identification and tracking techniques.

2) See tab 5, in the IDDE PPlan including Work Order responsibilities of entity investigation and corrections technique.

3) See the latest Potential Pollutant active industrial facilities sources list at the end of this report.

20. List the best management practices for the construction site storm water run-off program identified in your SWQMP Part C and then respond to the following:

- a) Identify progress made towards development and implementation of each BMP for this MCM including timetables and measurable goals during this reporting period.

1) New progress as identified in the revised 2010 'Part C' is a list of structural BMP's appropriate for control of construction site run off coinciding with the 'Indiana Storm Water Quality Manual'. Expansion of the BMP's over the next few years will occur as new information becomes available. A new construction site self inspection program has been fully implemented, including weekly inspection reports being provided to the MS4 Coordinator. (See Appendix of Attachments for revised 2010 BMP's.)

2) Plan review is completed by the MS4 coordinator holding both CESSWI, CMS4S certifications. Plan review of Municipal MS4 area projects administratively reviewed by SWCD. MS4 does a quality control review for Municipally owned projects only.

3) Priority construction sites received increase scrutiny during plan review and inspection of construction site stormwater run-off. Construction sites are considered priority if they contain:

- * Steep Slopes
- * Erodible or Hydric Soils
- * Mass Stripping/Grading Activity
- * Sensitive Area, Waterbodies or Wetlands

- b) Describe program implementation partnerships and explain successes and barriers during this reporting period.

1) Just recently (mid September 2012), the local SWCD entered into a M.O.U. with IDEM as a verification Plan Review Agency for local owned MS4 municipal projects. Program in early implementation.

2) The MS4 coordinator participates an annual training such as MS4 related workshops/seminars and annually attends the INAFSM conference. The MS4 has a technology based record keeping system allowing public review for erosion control permitted sites.

- c) Identify the number of construction sites permitted during this reporting period and identify the number and type of enforcement actions taken against construction site operators during the same period.

1) Total Construction Sites:

- * 2010 total projects = 21.
- * 2011 total projects = 24.
- * 3rd quarter/2012 total projects = 14 each.

Typical enforcement is educational in nature with field evaluation corrections done within required deadlines. Two stop work order letters sent in this reporting period.

- d) Identify the number and types of training opportunities that were provided to contractors, developers, and builders during this permit period.

1) A self evaluation training program has been developed for contractors/staff,(available on-line), used in few situations experimentally to be fully implemented start of 2013 (See appendix of attachments for program testing and details).

2) CBT Stormwater Warnings Training:

- * Long Beach - completed stormwater training (2 ea.).
- * LaPorte City - completed stormwater training for (10 ea.).
- * MS4 Board Members - completed stormwater training (3 ea.).
- * County Highway Employees - Cathy Csatori (IDEM) training (22 ea.).

- e) MS4 personnel responsible for plan review, inspection, and enforcement of construction activities shall receive, at a minimum, annual training addressing appropriate control measures, inspection protocol, and enforcement procedures. Identify training provided to MS4 personnel responsible for these activities during this reporting period.

MS4 Coordinator is certified in (CESSWI, and CMS4S). Continuing education requirements are/have been met to maintain certification. (The records are on file for in service training etc.).

- f) Identify updates or revisions to the storm water construction ordinance or other regulatory mechanism made during this reporting period.

f) Identify updates or revisions to the storm water construction ordinance or other regulatory mechanism made during this reporting period.

1) A new comprehensive zoning ordinance was implemented in 2012. The ordinance requires that an approved SWP3 be completed and on file prior to obtaining a building permit.

2) Self Inspection Training has just recently been added to the MS4 website for training opportunities to contractors, developers and builders during this permit period.

3) After completing the training, an individual can take an online test over the subject matter and receive training compliance.

PART I: POST-CONSTRUCTION STORM WATER RUN-OFF CONTROL - MINIMUM CONTROL MEASURE

21. List the best management practices for post-construction storm water run-off control identified in your SWQMP Part C and then respond to the following:

- a) Identify progress made towards development and implementation of each BMP in the SWQMP including timetables and measurable goals during this reporting period.
- 1) Most recent post-construction development has been in the area of run-off control. Treatment train items have been stringently followed to catch 'hydrocarbons' in new gas station construction thereby improving water quality. A procedure for BMP inspection and maintenance still in the development phase. However, numerical values are now required for local SWPPP approval concerning maintenance time frame. (Maintenance schedule).
 - 2) All best BMP's are referenced in the Indiana Stormwater Quality Manual. (See individual BMP for design and installation criteria).
 - 3) MS4 coordinator and summer work intern will continue to be trained accordingly.
 - 4) Annual reports are and will continue to be published per Rule schedule (IDEM).
- b) Describe implementation problems encountered and changes due to ineffectiveness or infeasibility during this reporting period.
- 1) The largest barrier to the implementation of this part of the MS4 program is an in-place procedure of scheduling post-construction BMP inspections/maintenance. We are presently in our SWP3 reviews asking for a maintenance schedule of a numeric value, in lieu of maintenance as required. This numeric value gives the MS4/entity an actual time period in which maintenance/inspections shall occur, ultimately the responsibility of the project owner. (eg: 6 months, 1 year, etc). MS4 and Entities are presently using the simple outlook scheduler as a reminder for future events.
 - 2) Actual collection of the Notice of Termination (NOT), are not always easy to obtain. MS4 is considering at this time a specific fine as a vehicle to receiving NOTs in a timely manner.
- c) Describe program implementation partnerships and explain successes and barriers.
- 1) Working on developing entity partnership/communication as far as maintenance triggers, responsibility level and work sharing. With recent developments in our MS4 program, the newly formed Board agrees that improved cooperation is a priority. Also, with the formulation of a new M.O.U. with the local SWCD education and outreach will be a major focus in 2013 specifically for contractors and the general public. Our scholastic education efforts are already on the right track. (well over 4,000 students/public trained in this reporting period).
- d) MS4 area personnel responsible for implementation of the post-construction minimum control measure shall receive, at a minimum, annual training. Identify training provided for this minimum control measure during this reporting period.
- 1) MS4 Coordinator has participated in IDEM and INAFSM training sessions. Continue to pursue training for all entity personnel as required.
- * March 2012, Raingarden Party host and presenter of "Moctail Clean Water Program".
 - * March 2012, "24th Annual Indiana Lakes Management Society Conference".
 - * April 2012, "Vigo County Contractor's Workshop".
 - * April 2012, "The International Erosion Control Association", (Roadshow Conference).
 - * May 2012, "Indiana MS4 Annual Meeting Planning Committee".
 - * June 2012, "Web -Based Education Climate Impact and Community Planning".
 - * July 2012, "NOAA Workshop of Severe Weather Identification and Family Preparedness".
 - * September 2012, "INAFSM Conference".
- e) Identify updates or revisions to the post-construction storm water ordinance or other regulatory mechanism made during this reporting period.
- Original MS4 ordinances of all Entities were developed to relate to the Rule-so no immediate changes are required. However, with the recent passage of the County Comprehensive Ordinance, Article #20 "Stormwater"; County legal authorities are presently reviewing potential disconnects, if any, on a case by case basis.
- f) Other:
- N/A.

22. List the best management practices for municipal operations pollution prevention and good housekeeping identified in your SWQMP Part C and respond to the following:

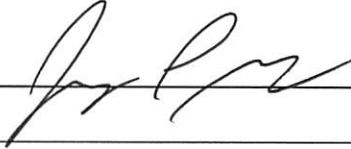
- a) Identify progress made towards development and implementation of each BMP in the SWQMP including timetables and measurable goals during this reporting period.
(See revised 2010 schedule "C" BMP's in Appendix of Attachments"
- 1) The Good Housekeeping plan was completed and implemented late 2009. Municipal education was started with the emphasis on decreasing phosphorus fertilizer use. The IDEM 'Know Your Numbers' brochures have been handed out the last two LaPorte County Fairs 2010/2011. Also, Municipal education for Good Housekeeping and associated issues are also being done with 'MS4 Minute with Rick Brown' an SWCD news letter for Community and Classroom Conservation through SWCD with a circulation of approximately 470 each.
- 2) A LaPorte County Highway employee training session, (BMP's for Municipal Operations) has been scheduled with Cathy Csatari of IDEM, in early November. Training records shall be kept.
- b) Describe implementation problems encountered and changes due to ineffectiveness or infeasibility as it relates to pollution prevention and good housekeeping at MS4 owned and operated facilities during this reporting period.
- 1) The problem is the administration of the various 15 ea. municipal buildings in our program have not been reporting to the MS4 Coordinator as per the guidance document—we are working with them but it's slow going.
- c) Identify storm water BMPs installed or initiated at MS4 owned and operated facilities.
- 1) All BMP's of the 15 documented facilities have their own specific documentation. Relates to their operational requirement & needs.
- 2) List of Municipal owned MCM#6 Facilities:
- * Michigan City Central Maitenance.
 - * Michigan City Washington Park Zoo.
 - * Michigan City Central Services.
 - * Michigan City Municipal Golf Course.
 - * Michigan City Parks and Recreation.
 - * Michigan City Sanitary District.
 - * Trail Creek Street Department.
 - * Long Beach Street Department.
 - * LaPorte City Street Department.
 - * LaPorte City Transport.
 - * LaPorte City Municipal Golf Course.
 - * LaPorte City Parks- Main Office.
 - * LaPorte County Parks and Recreation.
 - * LaPorte County Highway Department.
 - * LaPorte County Parks.
- d) Identify and describe appropriate storm water training provided to MS4 employees. Employees are required to have a minimum training once per year.
- 1) The MS4 Coordinator is an employee and recieves training each year.
- 2) The 2010/2011 summer intern received self-inspection & plan review training. CBT training was also completed.
- 3) Previous, see "Part H, #20, items d, & e".
- e) Other:
N/A

PART K: CERTIFICATION AND SIGNATURE

The individual listed in "PART A: GENERAL INFORMATION – MS4 OPERATOR" must sign the following certification statement:

"By signing this annual report, I hereby certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Type or Print Name: Mr. Jerry Jackson, MS4 Operator For THE CITY OF LIAPORTIE

Signature: 

10/29/2012
(mm/dd/yyyy)

La Porte County MS4

2857 West State Road 2 Suite B La Porte, IN 46350 Tel. 219-326-6808 ext. 2544

IDDE Plan Signatory Page

Whereas the LaPorte County MS4's have adopted our 2012 IDDE plan and annual review policy. This signatory page shows that each entity has reviewed and accepted this plan. This page shall remain with our IDDE book as required documentation for IDEM so as to show of each entities participation and involvement with our compliance efforts to meet and exceed the expectations of IDEM.



Michael Kuss
City of Michigan City



County of La Porte
Michael Polan



Town of Long Beach
Tom Dolph



Jerry Jackson
City of La Porte



Town of Trail Creek
Kate Doyle


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[How do I menu](#)
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DEPARTMENTS NAVIGATION

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- [Images Of La Porte County](#) ▾

MS4-Municipal Separated Storm Sewer System

Effective Monday, October 17, 2011

2857 W. St. Rd. 2, Suite B
LaPorte, IN 46350
Phone: (219) 326-6808 ext 2114
Fax: (219) 369-0599

Office Hours: 8:00am to 4:00pm Monday through Friday

Office Staff:

[Rick Brown](#), MS4 Coordinator (Ext. 2114)
Nicole Messacar, Education Coordinator (Ext. 2115)
Sheila Batchelor, SWCD Office Manager (Ext. 2116)
Ethel Turkowski, Office Assistant (Ext. 2118)

Entity Contacts

Mr. Michael Kuss, Chairman
Sanitary District of Michigan City
1100 E. Eighth Street
Michigan City, IN 46360
219-874-7799
[Email Me](#)

Mr. Mike Polan, Vice Chairman
LaPorte Drainage Board
555 Michigan Ave. Suite #104
LaPorte, IN 46350
219-326-6808 Ext: 2544
[Email Me](#)

Ms. Kate Doyle, Secretary
Town of Trail Creek
2322 E. Michigan Blvd.
Michigan City, IN 46360
219-872-2221
[Email Me](#)

Mr. Jerry Jackson, Operator
Wastewater Department
City of LaPorte
2101 Boyd Blvd.
LaPorte, IN 46350
219-362-2354
[Email Me](#)

Mr. Tom Dolph, Member
Town of Long Beach
Town Hall
2400 Oriole Trail
Long Beach, IN 46360
219-874-6616
[Email Me](#)

DOWNLOADS

**Basic Questions /
Answers of LaPorte
County Storm Water:**
[Click here for PDF](#)

**General SWPPP
Approval Process:**
[Click here for PDF](#)

**General SWPPP
Guidance Process:**
[Click here for PDF](#)

**Rule 5 Notice of
Termination (NOT)
State Form
51514 (R / 1-04) :**
[Click here for PDF](#)

**Rule 5 Self
Inspections During
Construction and
Post-Construction**
[Click Here For PDF](#)

**Rule 5 Notice of Intent
(NOI) [Click Here For
PDF](#)**

**Phosphorus
Information [Click Here](#)**

[Self Inspection
Reading Material](#)

[Self Inspection Quiz](#)

***Email your results to
[Rick Brown](#)***

STORM WATER AND

EROSION:

Community HOT LINE (Environmental Complaints):

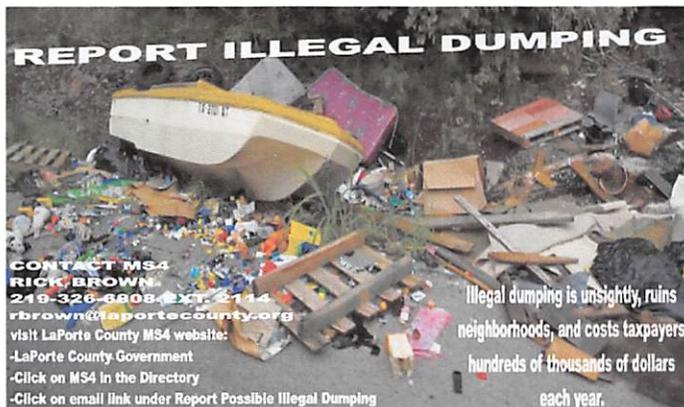
LaPorte County Health Dpt. 219-326-6808 Ext. 2357

Solid-Waste District 219-326-0014

Storm Water & Erosion 219-326-6808 Ext. 2114

For Questions and to Report Possible Illegal Dumping:

Please [Email](#): Your name, Phone, Email address and the Location.



For the Nonpoint Source Outreach Toolbox...[Click here](#).

AUTHORITY:

Rule 5 (1) - Indiana Code 327 IAC 15-5-1. A State law establishing requirements for storm water discharge. Activities that disturb one (1) acre or more that public health, existing water user, and aquatic biota are protected.

Rule 13 (2) - Indiana Code 327 IAC 15-13-1. A State law establishing requirements for storm water discharge from separate storm sewer system (MS4) conveyances so that public health, existing water used, and aquatic biota are protected.

Purpose:

To provide information about erosion control, water conveyance, water quality/quantity concerns, and generally connect any land disturbing activity of one(1) acre or more to source of educating, technical, and Best Management Practices (BMP's) thru implantations.

COVERAGE AREA:

Generally all La Porte County residents, and adjacent counties ad far ad consistent storm storm water & erosion control practices. ([See Map](#)).

EROSION CONTROLS:

1. A storm water pollution plan (SWPPP) must be submitted and approved for any land land disturbing activity of one (1) acre or more in size. The plan preparer shall follow the IDEM Guidance Document outline of required information. The approval is required prior to construction/site before work begins.
2. Approval time(s) are generally about 5 days, depending on work and/or land. A \$100 permit review fee is required, made out to La Porte County MS4 - upon

submittal.

3. Once approved, a copy of top cover page is required to be sent to IDEM by the plan preparer-with a Notice of Intent (NOI), form, and a additional fee of \$100 to IDEM within 48 hours prior to commencement of construction start. A proof of Publication is also required to be sent with the notice of intent.

4. Upon project completion, a Notice of Termination (NOT), must be submitted to the local reviewing official. A 70% coverage of stabilization (seeding sod), and erosion control must be removed prior to submittal.

ON-SITE NOTICE(S) - TAGS:

[Blue Tag](#) - Inspection approval notice.

[Yellow Tag](#) - Inspection non-compliance. Violation notice.

[Large Yellow Tag](#) - Notice to obtain permit. Stop work-order.



Email this Page

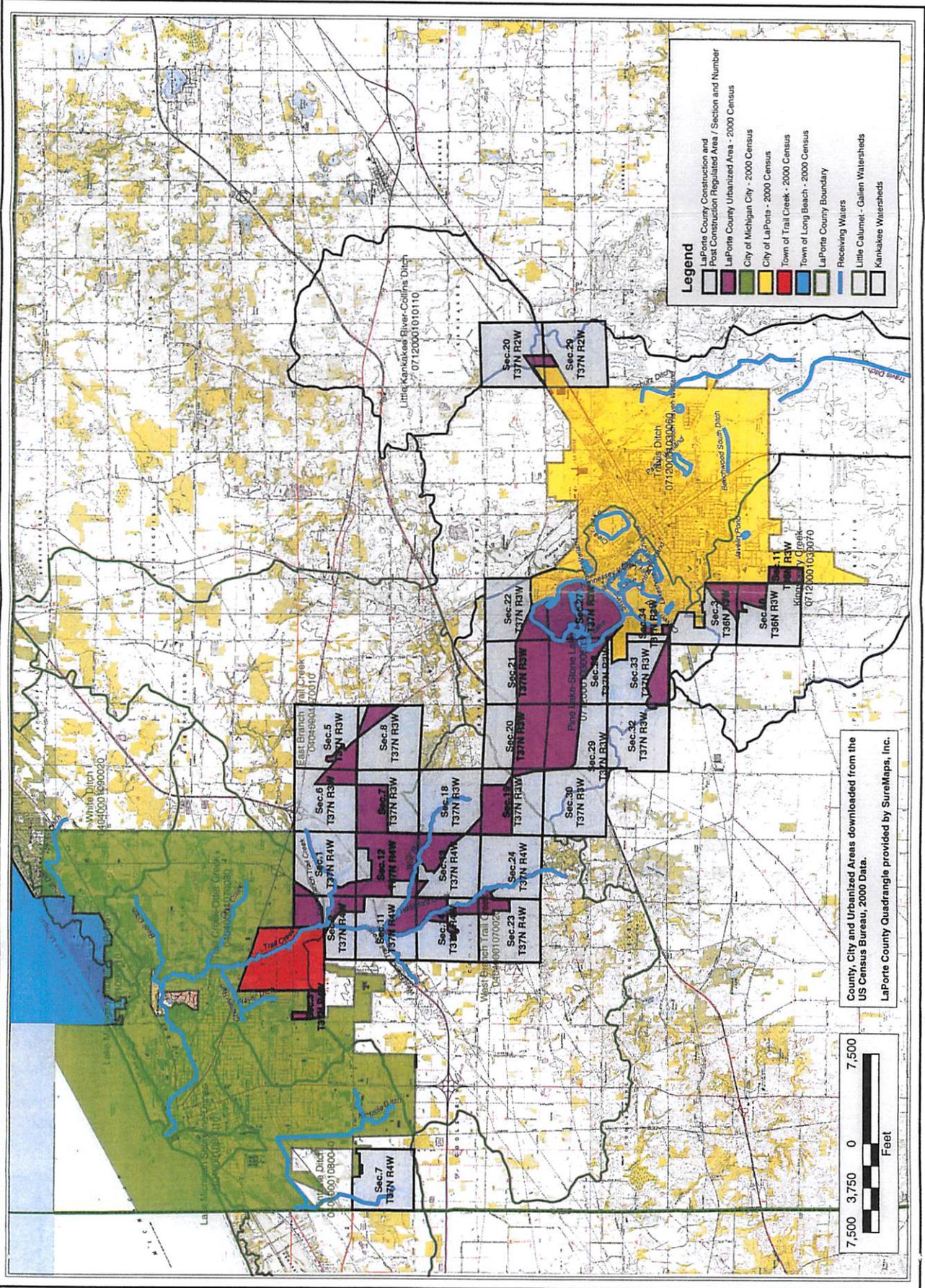


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Creativity by Aradise





LAFORTE COUNTY

Legend

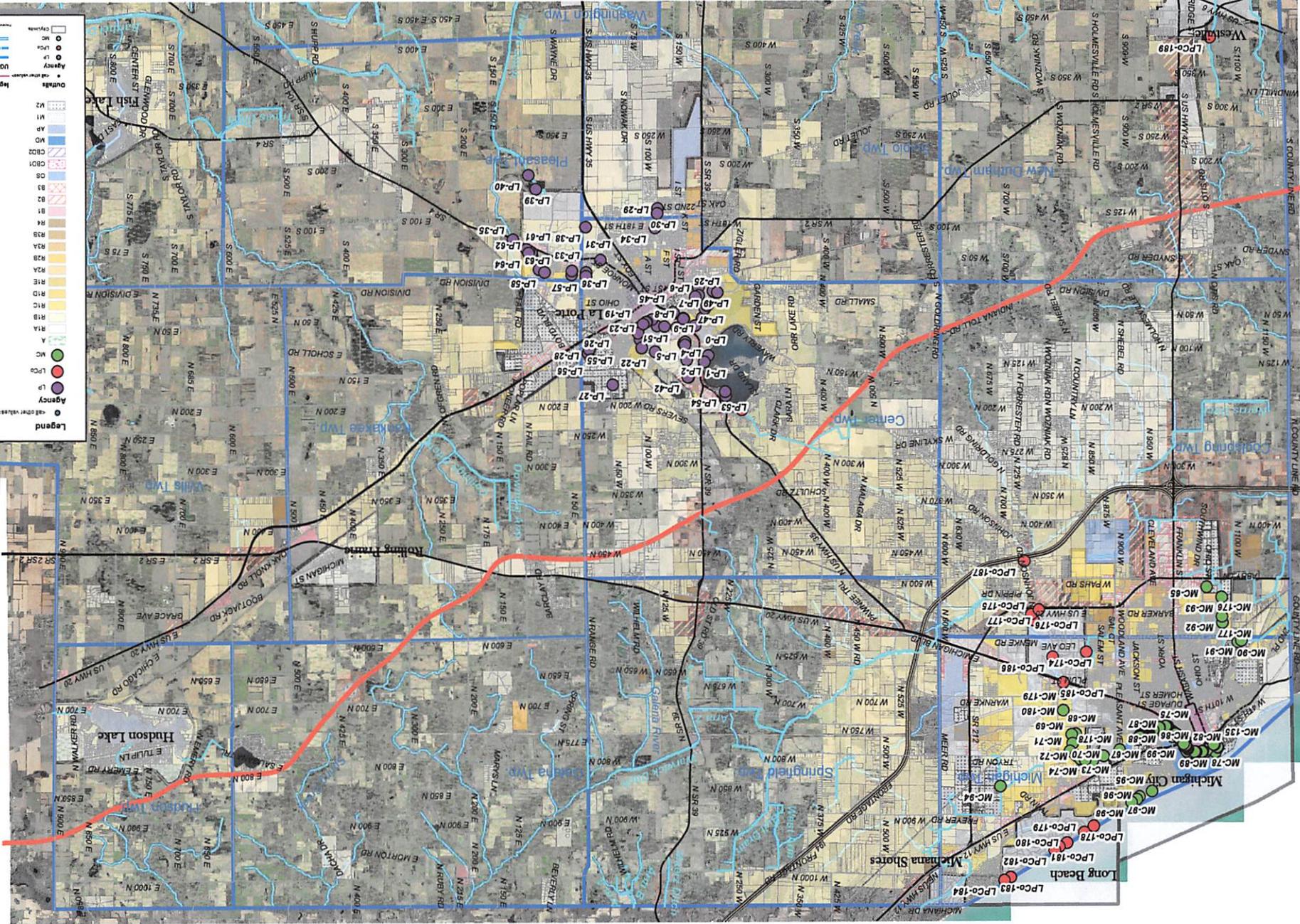
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- MC
- LPCA
- Agency
- LP
- Other values

Legend

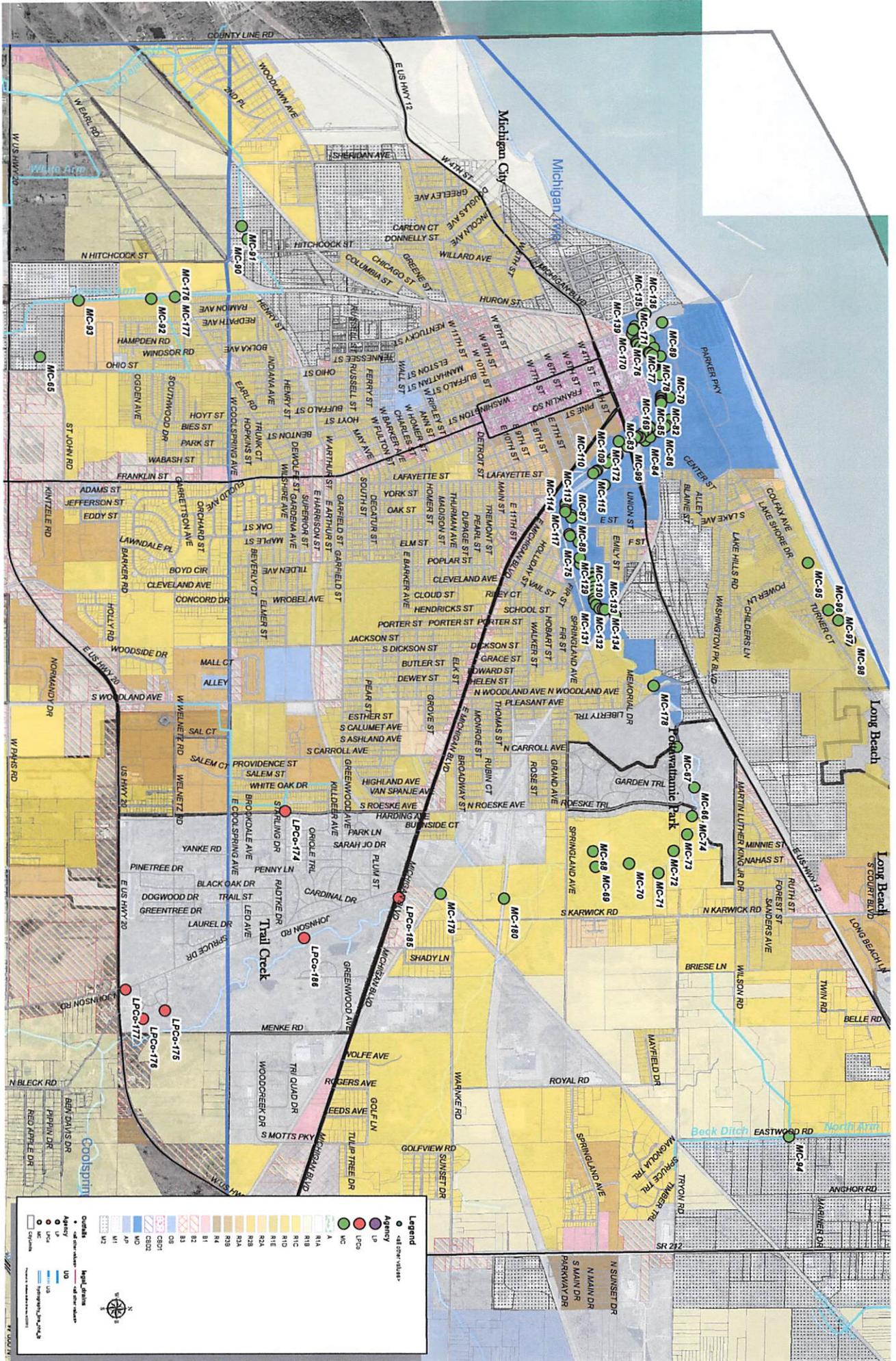
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MICHIGAN CITY



Legend

Agency

- MC - Michigan City
- LP - Lake Park
- LPCO - Lake Park Community Overlay

Legal District

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Other

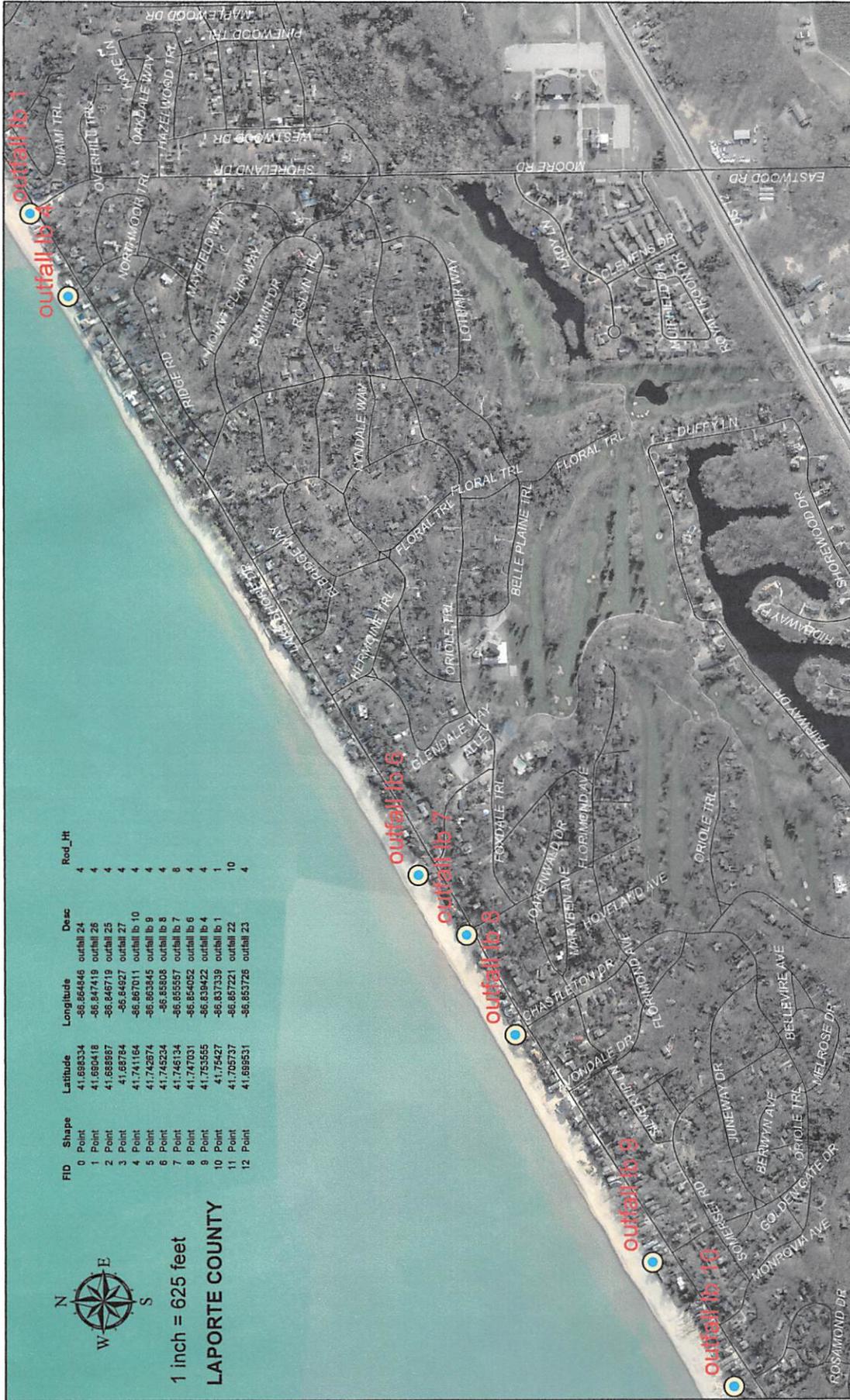
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Legal District

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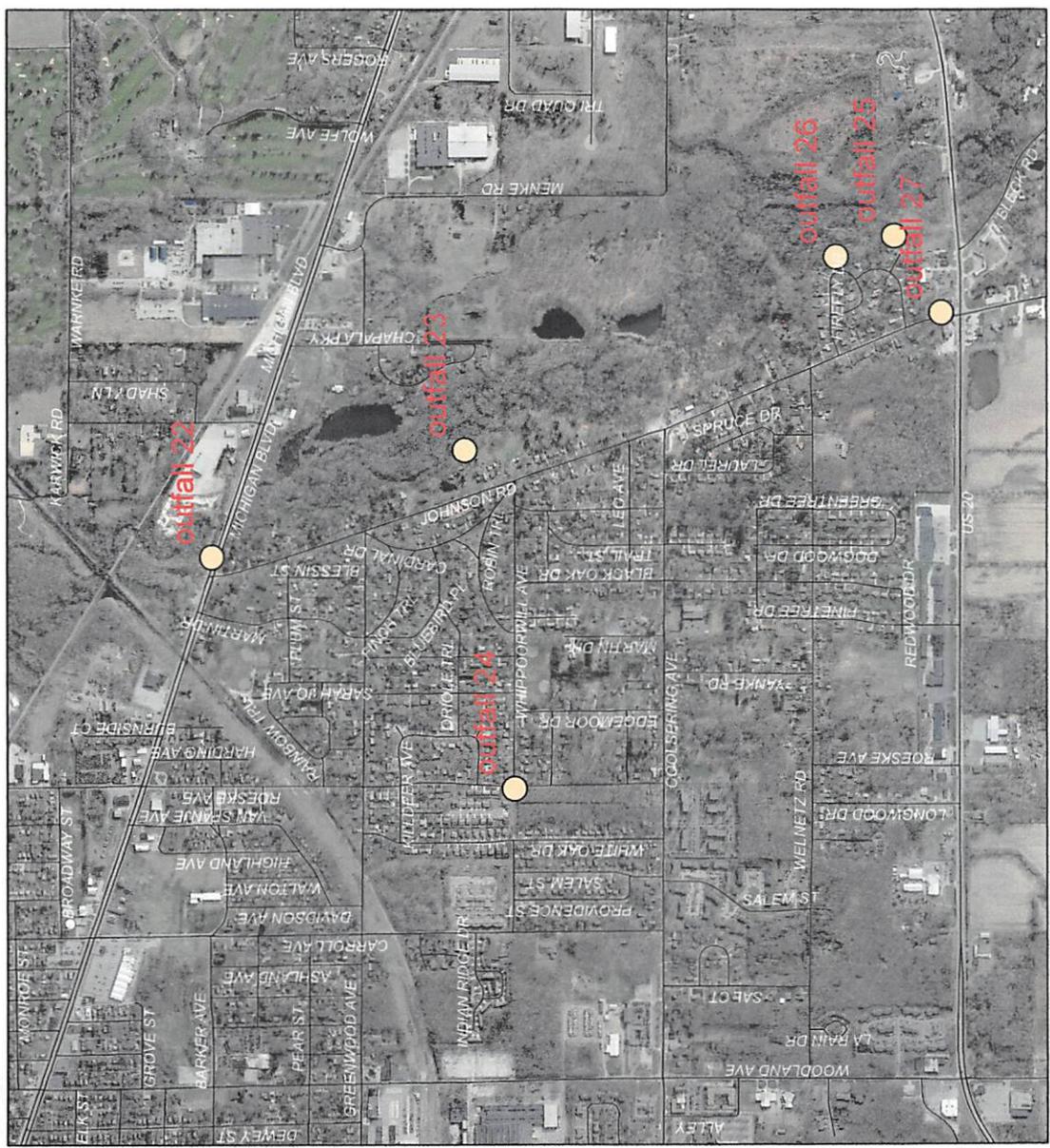
1 inch = 625 feet
LAPORTE COUNTY

FID	Shape	Latitude	Longitude	Desc	Road_Ht
0	Point	41.698334	-86.864846	outfall 24	4
1	Point	41.690418	-86.847419	outfall 26	4
2	Point	41.688967	-86.846719	outfall 25	4
3	Point	41.68784	-86.84927	outfall 27	4
4	Point	41.741164	-86.867011	outfall to 10	4
5	Point	41.742674	-86.863845	outfall to 9	4
6	Point	41.745234	-86.85808	outfall to 8	4
7	Point	41.746134	-86.85557	outfall to 7	8
8	Point	41.747031	-86.854052	outfall to 6	4
9	Point	41.753555	-86.837339	outfall to 4	4
10	Point	41.75427	-86.837339	outfall to 1	1
11	Point	41.705737	-86.857221	outfall 22	10
12	Point	41.698931	-86.853726	outfall 23	4

LONG BEACH



1 inch = 1,000 feet
LAPORTE COUNTY



FID	Shape	Latitude	Longitude	Desc	Rod_Ht
0	Point	41.695334	-86.864646	outfall 24	4
1	Point	41.690418	-86.847419	outfall 26	4
2	Point	41.688987	-86.849719	outfall 25	4
3	Point	41.68784	-86.84927	outfall 27	4
4	Point	41.741164	-86.867011	outfall lb 10	4
5	Point	41.742674	-86.863845	outfall lb 9	4
6	Point	41.745234	-86.85808	outfall lb 8	4
7	Point	41.746134	-86.855857	outfall lb 7	8
8	Point	41.747031	-86.854052	outfall lb 6	4
9	Point	41.753555	-86.839422	outfall lb 4	4
10	Point	41.75427	-86.837339	outfall lb 1	1
11	Point	41.705737	-86.857221	outfall 22	10
12	Point	41.699531	-86.853726	outfall 23	4

TRAIL CREEK

Section 4.0

ACTIVE INDUSTRIAL FACILITIES WITHIN THE MS4 AREA

All active industrial facilities located within the La Porte County MS4 Area considered potential pollutant sources have been identified and will be updated in the county's GIS to ensure the list is accurate and current. This database will assist field inspectors with identifying potential pollutants of concern as well as the potential sources of illicit discharges. IDEM regulates stormwater from industrial facilities under 327 IAC 15-6 (Rule 6). The local entity may keep copies of the Stormwater Pollution Prevention Plans (SWPPP) for each of the facilities on the list, if necessary. Table 4-1 lists those facilities located within the La Porte County MS4Area(s) whether or not they have submitted a SWPPP to the La Porte County MS4 Program

Table 4-1. Potential Pollutant Sources within County of La Porte

Facility Name	Facility Address		
AMPCOR II INC	105 Koomler Drive	La Porte	IN 46350
Blue Chip Casino	219 Union Street	Michigan City	IN 46360
Howment Casting and Services Inc	1110 East Lincolnway	La Porte	IN 46350
Lake Industrial /Indiana Aluminum	1617 East Hwy 12	Michigan City	IN 46360
Keystone Service	Building R24 Hupp Road	Kingsbury	IN 46345
K.C.K.Inc	8707 West US 20	Michigan City	IN 46360
Deercroft RDF	10501 West County Rd 300 N	Michigan City	IN 46360
Michigan City Generating Station-	Wabash St. at the Lake	Michigan City	IN 46360
Miilbum Pear Company	1733 E. Division Rd.	La Porte	IN 46350
Progress Rail Services Corp.	11 Pine Lake Ave.	La Porte	IN 46350
Parco Foods Inc.	502 W. U.S. HWY 20	Michigan City	IN 46360
Roadway Express Inc. #329	705 Freyer Rd.	Michigan City	IN 46360
Sheehan Pipe Line Construction	10545 W State Route 2	Westville	IN 46391
CVG Commercial	527WUS20	Michigan City	IN 46360
Sullair Corporation	3700 E. Michigan Blvd.	Michigan City	IN 46360
Sullair Corporation	1625 E. Hwy 12	Michigan City	IN 46360
Dwyer Instruments Inc.	Space Leasing R52 Hupp Rd.	Kingsbury	IN 46345
Dwyer Instruments Inc.	Space Leasing R53 Hupp Rd.	Kingsbury	IN 46345
Dwyer Instruments Inc.	Space Leasing R62 Hupp Rd.	Kingsbury	IN 46345
Dwyer Instruments Inc.	Space Leasing R63 Hupp Rd.	Kingsbury	IN 46345
Dwyer Instruments Inc.	Space Leasing R64 Hupp Rd.	Kingsbury	IN 46345
Federal Moqul Corporation	402 Royal Rd.	Michigan City	IN 46360
Filter Specialist Inc.	100 Anchor Rd.	Michigan City	IN 46360
Dietrich Industries Inc.	120 Hoelocker Drive	La Porte	IN 46350
Weil McClain	500 Blaine St.	Michigan City	IN 46360
Howment Casting and Service Inc.	1110 East Lincolnway	La Porte	IN 46350

La Porte County MS4

Josam	525 W US Highway 20	Michigan City IN 46360		
Aero Metals Inc.	1201 E. Lincolnway	La Porte	IN	46350
Silgan Containers Mfg. Corp.	300 N Fail Rd.	La Porte	IN	46350
Pactive- Wanatah	9702 West US Hwy 300	Wanatah	IN	46390
Diamond Manufacturing Company	600 Royal Rd.	Michigan City	IN	46360
Casting Service Foundry	300 Philadelphia St.	La Porte	IN	46350
VCNA Prairie Indiana Inc. Yard 1121	5638 US Hwy421	Westville	IN	46391
Transit Mix	708 Fail Rd.	La Porte	IN	46350
Smith Nuppau Ready Mix	3608 E Michigan Blvd.	Michigan City	IN	46360
Weiss Prestain	3522 State Road 104	La Porte	IN	46350
Linde Inc.	7996 North SR 39	La Porte	IN	46350
Praxair Inc.	3076 North State Hwy 39	La Porte	IN	46350
MonoSol LLC	1609 Genesis Drive	La Porte	IN	46350
Casting Service Landfill	County Road N 150 E	La Porte	IN	46350
LQK Great Lakes Corporation	728 West US Hwy 20	Michigan City	IN	46360
Paul's Auto Yard	651 W. State Rd. 2	Westville	IN	46391
Jason's Recycling	5642 N State Rd. 39	La Porte	IN	46350
Fas-Pak Inc.	411 Fairfield Ave.	Michigan City	IN	46360
GAFMC	505 N Roeske Ave.	Michigan City	IN	46360
GAF	923 W US Hwy 20	Michigan City	IN	46360
UPS- Westville	860 West Main St.	Westville	IN	46391
Howment Logistic Services	926 E. Lincolnway	La Porte	IN	46350
Waste Mgmt of LaPorte Transfer Station	7023 S. Hupp St.	Kingsbury	IN	46345
Tandem Transport Corp.	1111 US Hwy 20 West	Michigan City	IN	46360
Michigan City Municipal Airport	1300 N. Hwy 212	Michigan City	IN	46360
LaPorte Municipal Airport	2341 South SR 39	La Porte	IN	46350
RMT Trucking	9767 W St. Rd 2	La Porte	IN	46350
Michigan City Port Authority	700 E. Michigan Blvd.	Michigan City	IN	46360
Michigan City Port Authority	200 Heisman Harbor Rd.	Michigan City	IN	46360
Amtrak Maintenance Facility	502 Center St.	Michigan City	IN	46360
US Aluminate Company Inc.	1750 E US Hwy 12	Michigan City	IN	46360
Pepsi Cola Bottlers	600 W US Hwy 20	Michigan City	IN	46360
FABCO LC Inc.	9811 W. St. Rd. 2	La Porte	IN	46350

La Porte County MS4

Site

AMPCORIIINC
BlueChipCasino
HowmentCastingandServicesInc
Lake Industrial /IndianaAluminumProcessorsInc
KeystoneService
K.C.K.Inc
DeercroftRDF
MichiganCityGeneratingStation-NIPSCO
MiilbumPearCompany
ProgressRailServicesCorp.
ParcoFoodsInc.
RoadwayExpressInc.#329
SheehanPipeLineConstruction
CVG Commercial
SullairCorporation
SullairCorporation
DwyerInstrumentsInc.
FederalMogulCorporation
FilterSpecialistInc.
DietrichIndustriesInc.
WeilMclain
HowmentCastingandServiceInc.
Josam
AeroMetalsInc.
SilganContainersMfg. Corp.
Pactive-Wanatah
DiamondManufacturing Company
CastingServiceFoundry
VCNAPrairieIndianalnc.Yard1121
TransitMix
SmithNupnauReadyMix
WeissPrestain
Lindelnc.
PraxairInc.
MonoSolLLC
CastingServiceLandfill
LQKGreatLakesCorporation
Paul'sAutoYard
Jason'sRecycling
Fas-PakInc.
GAFMC
GAF
UPS-Westville
HowmentLogisticServices
WasteMgntofLaPorteTransferStation
TandemTransportCorp.

MichiganCityMunicipalAirport
LaPorteMunicipalAirport
RMTTrucking
MichiganCityPortAuthority
MichiganCityPortAuthority
AmtrakMaintenanceFacility
USAluminateCompanyInc.
PepsiColaBottlers
FABCOLCInc.

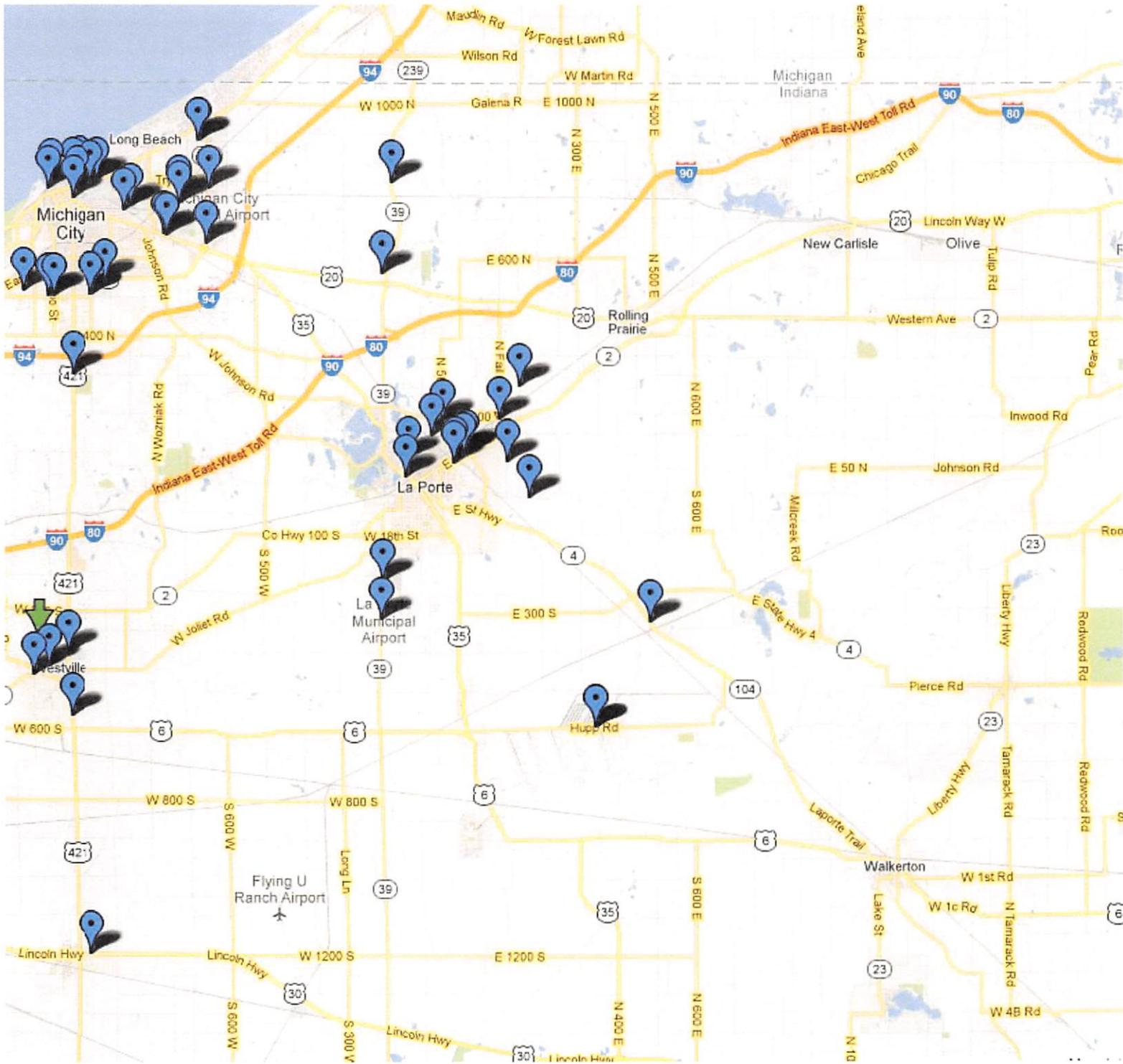
Address

105 Koomler Drive LaPorte, IN 46350
219 Union Street Michigan City, IN 46360
1110 East Lincolnway LaPorte, IN 46350
1617 East Hwy 12 Michigan City, IN 46360
Building R24 HuppRoad Kingsbury, IN 46345
8707 West US20 Michigan City, IN 46360
10501 West County Rd 300 N Michigan City, IN 46360
101 Wabash St. Michigan City, IN 46360
1733 E Division Rd. LaPorte, IN 46350
11 Pine Lake Ave LaPorte, IN 46350
502 W US HWY 20 Michigan City, IN 46360
705 Freyer Rd. Michigan City, IN 46360
10545 W State Route 2 Westville, IN 46391
527 W US 20 Michigan City, IN 46360
3700 E. Michigan Blvd. Michigan City, IN 46360
1625 E. Hwy 12 Michigan City, IN 46360
3999 E. Hupp Rd Kingsbury, IN 46345
402 Royal Rd. Michigan City, IN 46360
100 Anchor Rd. Michigan City, IN 46360
120 Hoelocker Drive LaPorte, IN 46350
500 Blaine St. Michigan City, IN 46360
1110 East Lincolnway LaPorte, IN 46350
525 W US Highway 20 Michigan City, IN 46360
1201 E. Lincolnway LaPorte, IN 46350
300 N Fail Rd. LaPorte, IN 46350
9702 W US Hwy 30 Wanatah, IN 46390
600 Royal Rd. Michigan City, IN 46360
300 Philadelphia St. LaPorte, IN 46350
5638 US Hwy 421 Westville, IN 46391
708 Fail Rd. LaPorte, IN 46350
3608 E. Michigan Blvd. Michigan City, IN 46360
3522 State Road 104 LaPorte, IN 46350
7996 North SR 39 LaPorte, IN 46350
3076 North State Hwy 39 LaPorte, IN 46350
1609 Genesis Drive LaPorte, IN 46350
County Road N 150 E LaPorte, IN 46350
728 West US Hwy 20 Michigan City, IN 46360
651 W. State Rd. 2 Westville, IN 46391
5642 N State Rd. 39 LaPorte, IN 46350
411 Fairfield Ave. Michigan City, IN 46360
505 N Roeske Ave. Michigan City, IN 46360
923 W US Hwy 20 Michigan City, IN 46360
860 West Main St. Westville, IN 46391
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1111 US Hwy 20 West Michigan City, IN 46360

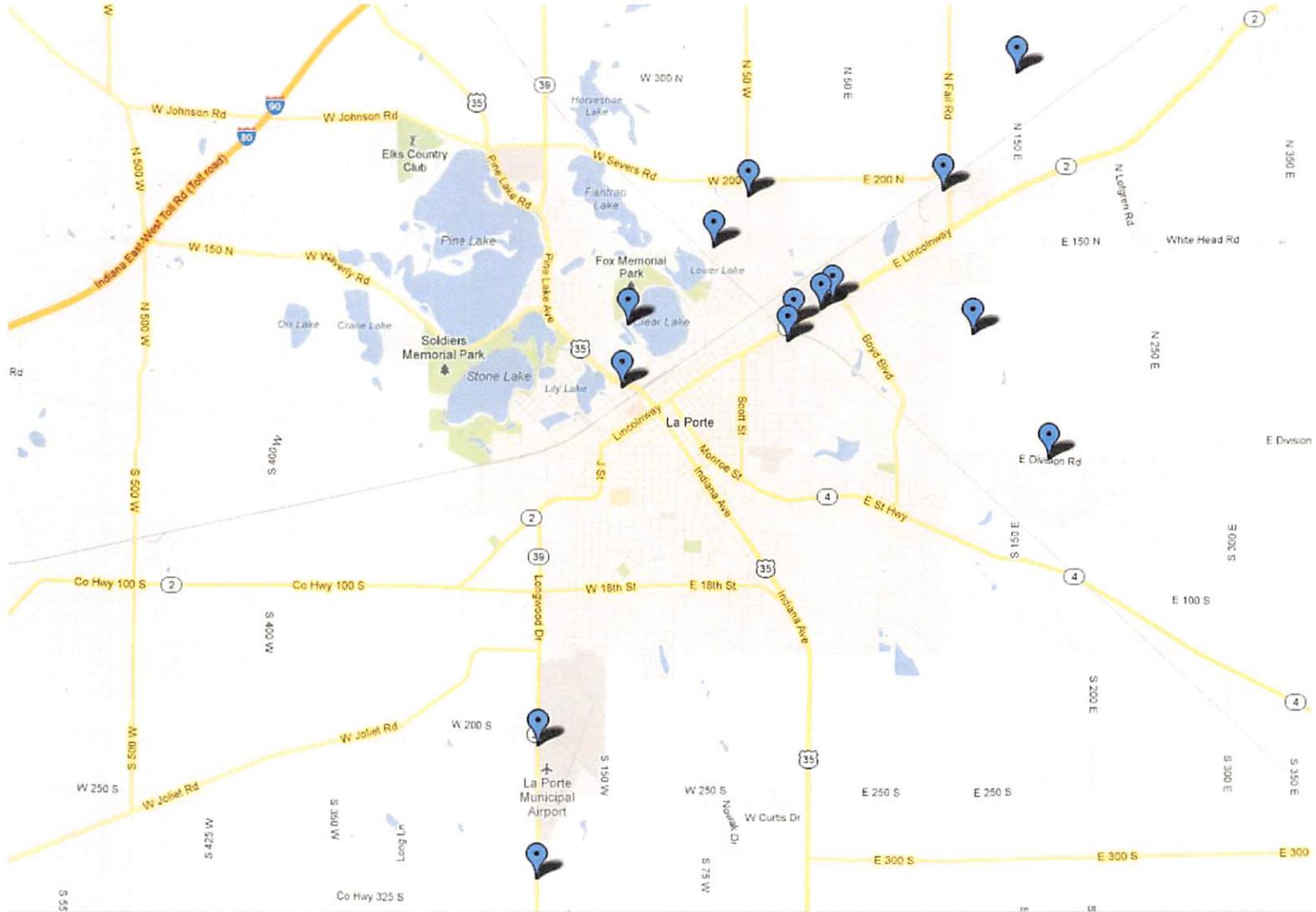
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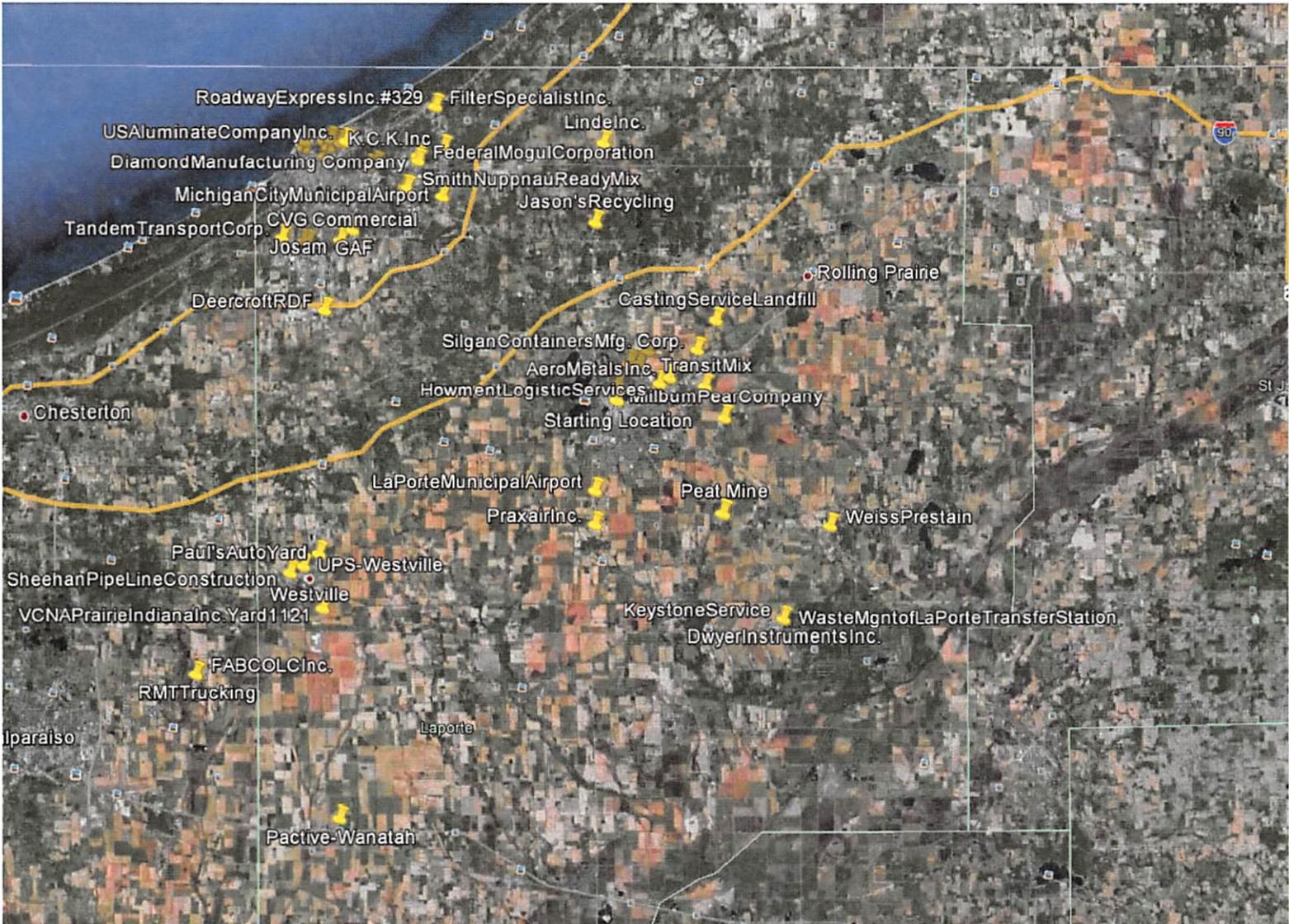
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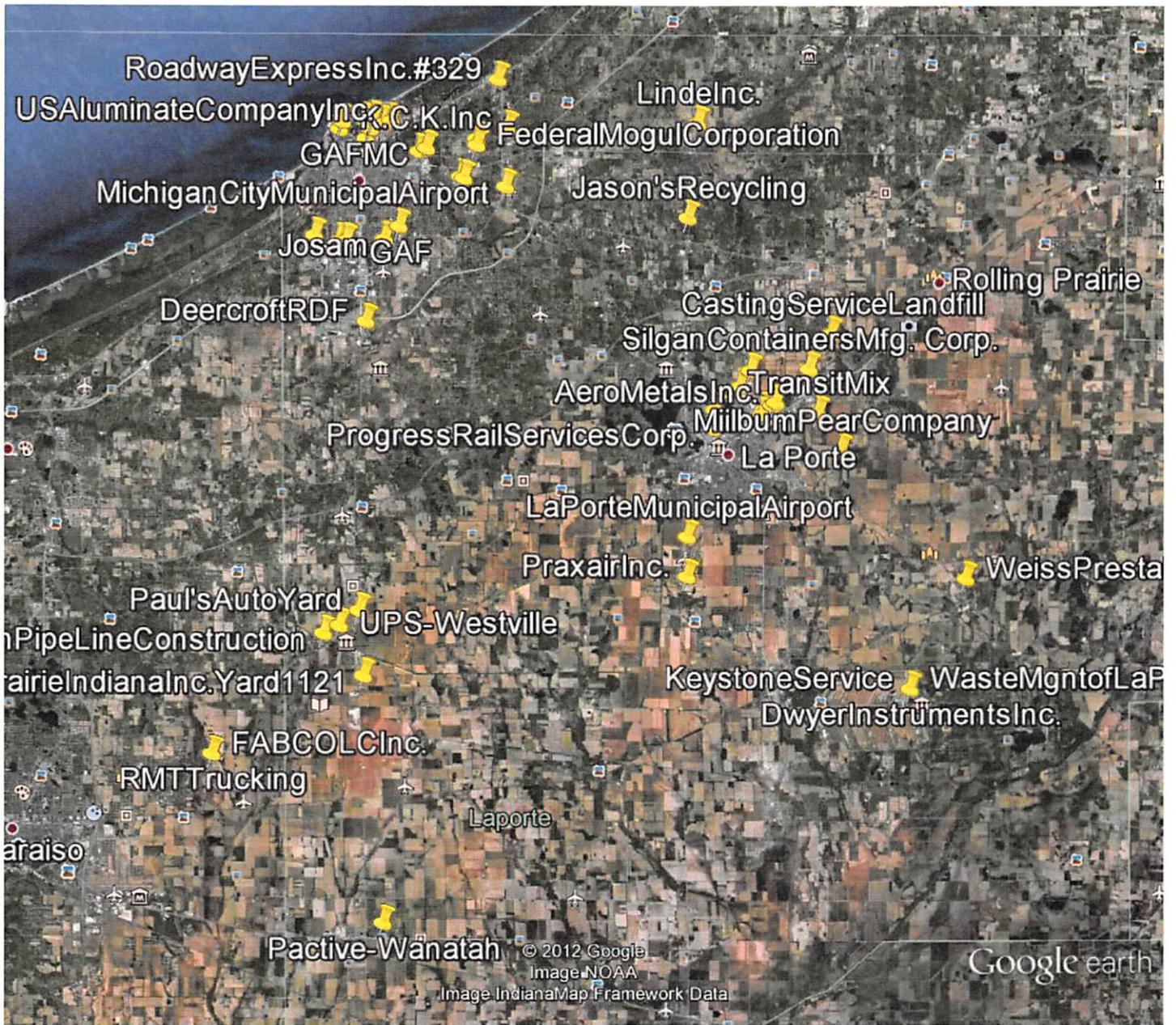
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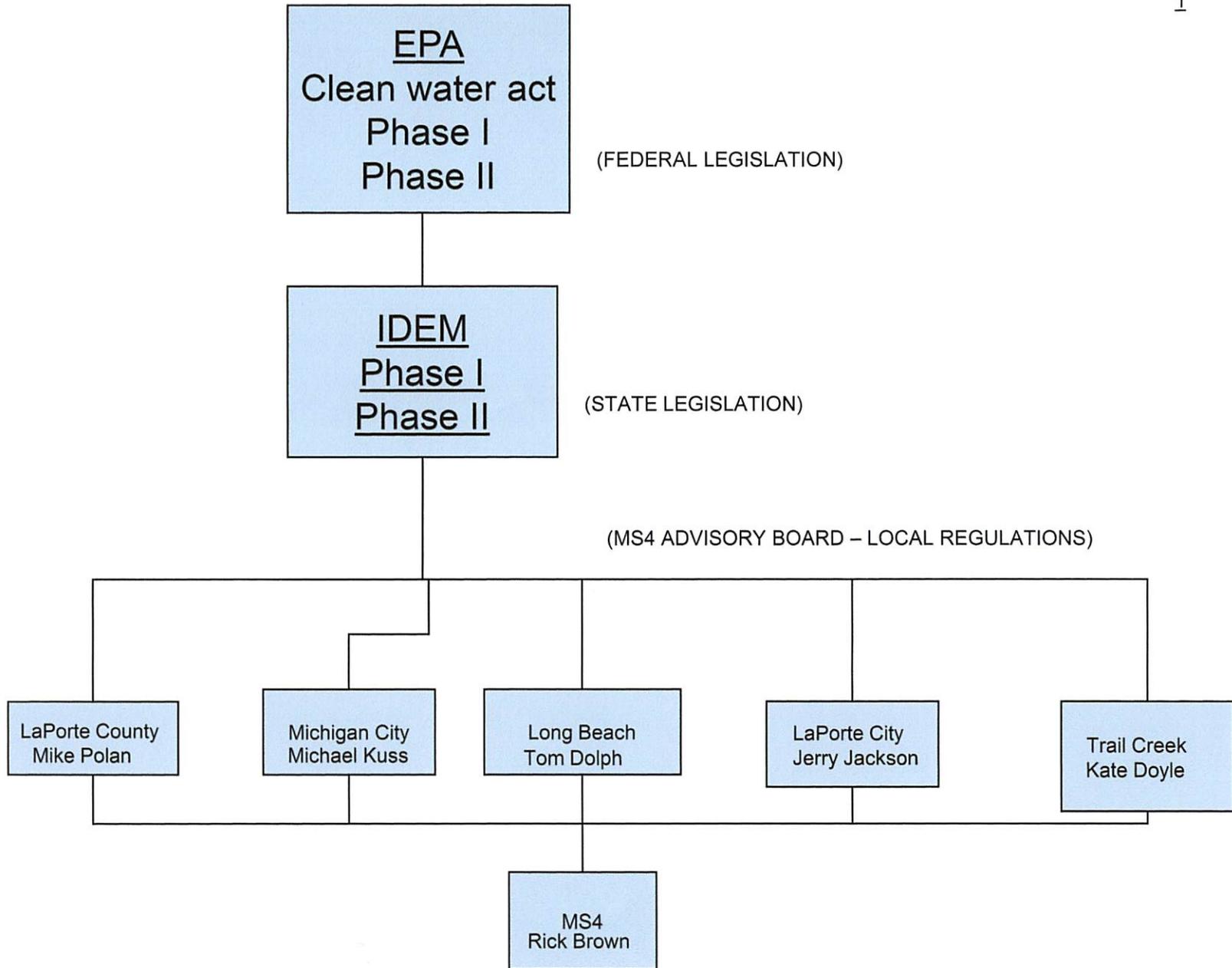


Google earth



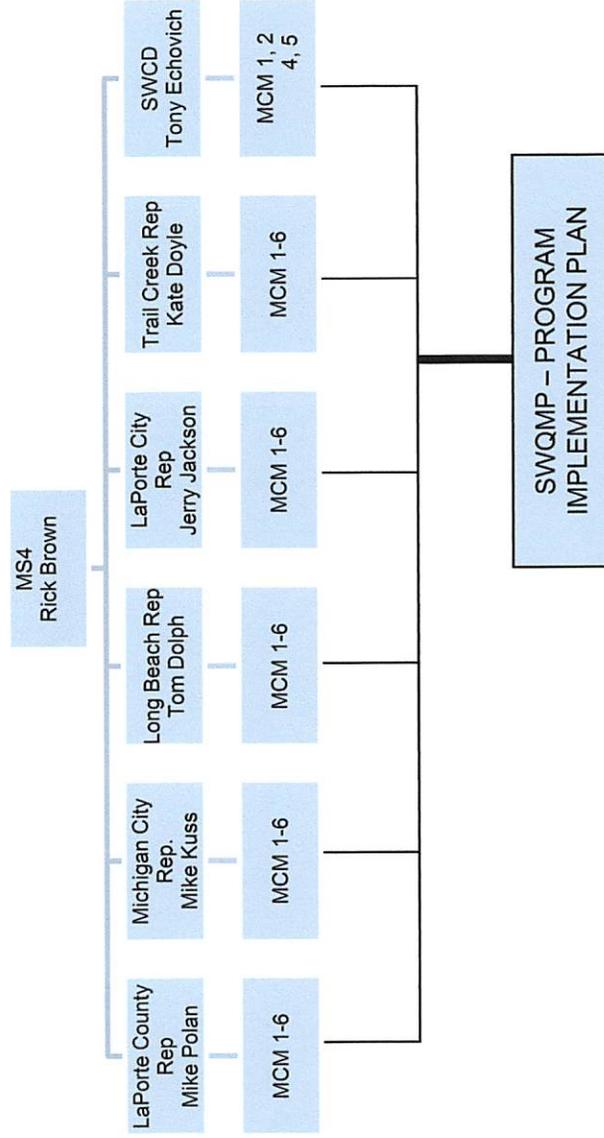
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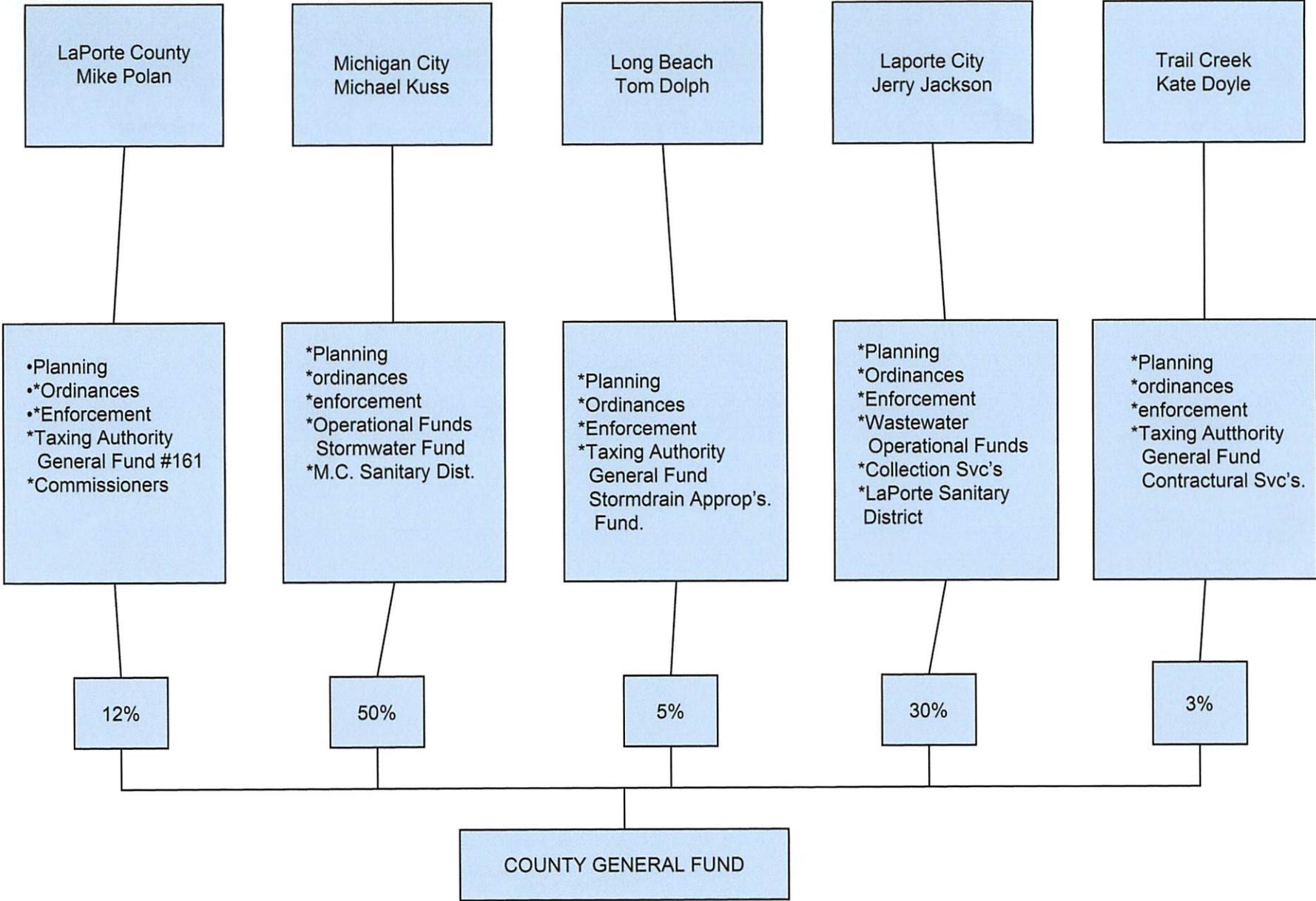
Per 2nd 5-Year Term NOI



MS4 ORGANIZATIONAL IMPLEMENTATION CHART

Per 2nd Term 5-Year Permit NOI





MS4 ORGANIZATIONAL LOCAL ENTITY AREAS FUNDING PROCESS
Per 2nd 5-Year Term NOI