



CHAMPAIGN COUNTY BOARD
ENVIRONMENT and LAND USE COMMITTEE AGENDA

County of Champaign, Urbana, Illinois

Thursday, May 5, 2022 - 6:30 p.m.

Shields-Carter Meeting Room

Brookens Administrative Center, 1776 E. Washington St., Urbana

Committee Members:

Eric Thorsland – Chair

Aaron Esry – Vice-Chair

Stephanie Fortado

Mary King

Kyle Patterson

Jacob Paul

Chris Stohr

Agenda	Page #'s
I. Call to Order	
II. Roll Call	
III. Approval of Agenda/Addendum	
IV. Approval of Minutes	
A. April 7, 2022 – Regular Meeting	1 - 8
V. Public Participation	
VI. Communications	
VII. <u>New Business: Items for Information Only</u>	
A. Ted Hartke slides regarding inadequacy of Illinois Pollution Control Board noise limits	9 - 14
B. Online Registration Open for May 21, 2022, Residential Electronics Collection	15
C. Illinois General Assembly Passes Drug Take-Back Bill	16 - 18
VIII. <u>New Business: Items to Receive & Plan on File by ELUC to Allow a 30-Day Review Period</u>	
A. Authorization for a Public Hearing on Proposed Zoning Ordinance Omnibus Text Amendment to Update Material Management/Waste Related Uses	19 - 30
B. Proposed Champaign County Solid Waste Management Plan 2022 Update	31
IX. <u>New Business: Items to be Recommended to the County Board</u>	
A. Zoning Case 030-AT-21. Amend the Champaign County Zoning Ordinance to add DATA CENTER as a Special Use in the AG-2 Agriculture, B-4 General Business and I-1 Light Industry Zoning Districts; and add PV SOLAR ARRAY as a County Board Special Use Permit in the AG-2 Agriculture and all Business and Industrial Zoning Districts; and authorize DATA CENTER as a second principal use on property in the AG-2 DISTRICT; and add special use permit standard conditions for both DATA CENTER and PV SOLAR ARRAY; and also add requirements for PV SOLAR ARRAY as an ACCESSORY USE as described generally in the legal advertisement.	32 - 39

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CHAMPAIGN COUNTY BOARD
ENVIRONMENT and LAND USE COMMITTEE (ELUC)
May 5, 2022 Agenda

- B. **Zoning CASE 040-AT-22.** Amend the Champaign County Zoning Ordinance to add new paragraph 4.2.1 C.7. to provide that a private or commercial transmission and receiving tower (including antenna) over 100 feet in height may be authorized as a SPECIAL USE Permit in the AG-1 and AG-2 Agriculture Districts as a second PRINCIPAL USE on a LOT with an Electrical Substation. 40 - 43
- C. Annual Facility Inspection Report for the period 4/1/21 – 3/31/22 for Champaign County’s National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Storm Water Discharge Permit with the Illinois Environmental Protection Agency (IEPA) 44 - 85
- X. Other Business
- XI. Chair’s Report
- XII. Designation of Items to be Placed on the Consent Agenda
- XIII. Adjournment



**Champaign County Board
Environment and Land Use Committee (ELUC)
County of Champaign, Urbana, Illinois**

MINUTES – Subject to Review and Approval

DATE: Thursday, April 7, 2022
TIME: 6:30 p.m.
PLACE: Shields-Carter Meeting Room / Zoom
Brookens Administrative Center
1776 E Washington, Urbana, IL 61802
and remote participation via Zoom

Committee Members

Present	Absent
Aaron Esry (Vice-Chair)	
Stephanie Fortado	
Mary King	
Kyle Patterson	
Jacob Paul	
Chris Stohr	
Eric Thorsland (Chair)	

County Staff: John Hall (Zoning Administrator), Susan Monte (Planner), Darlene Kloeppel (County Executive) and Mary Ward (Recording Secretary)

Others Present: Stan Harper, County Board Member

MINUTES

I. Call to Order

Committee Chair Thorsland called the meeting to order at 6:35 p.m.

II. Roll Call

A verbal roll call was taken, and a quorum was declared present.

III. Approval of Agenda/Addendum

MOTION by Mr. Esry to approve the agenda, seconded by Ms. King. Upon voice vote, the **MOTION CARRIED** unanimously to approve the agenda.

IV. Approval of Minutes

A. March 10, 2022

MOTION by Mr. Paul to approve the minutes of the March 10, 2022, regular meeting seconded by Mr. Esry. Upon voice vote, the **MOTION CARRIED** unanimously.

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V. Public Participation

Dave Wolken, Triple Fork Drainage District, spoke on their ARPA request to remove a box culvert to help prevent flooding.

Mark Dorsey, Water Operator for Penfield Water District, spoke on their need to replace a water pressure tank from 1965. The rest of the system at the plant was updated in 2012. Repairs on the tank, which is over 50 years old, would be approximately \$35,000 and a new tank would be \$58,000 to \$59,000.

Kenny Davenport, Eastern Illini Electric Cooperative, here in support of Zoning Case 040-AT-22 and can answer any questions that arise regarding that issue.

Richard Watkins, Mahomet, spoke as a resident that is affected by the gas leak north of Mahomet. He talked about their experience with People’s Gas over the past five years since the leak happened.

Joe Hackney, Village Administrator of St. Joseph, a request was submitted for ARPA funds for the Douglas St. Storm Sewer design work. This is a design job for an older part of the community. This project will help alleviate current flooding problems and will also help with drainage with any future growth.

Larry Johnson, Fehr Graham Engineering, was present in support of and to answer any questions regarding the Tolono project and Royal’s project. Royal has a rust removal water treatment plant that needs a pressure filter rebuild and replacement.

Justin Leerkamp, Sidney, spoke regarding concerns about the Wind Ordinance Text Amendment that is currently at the Zoning Board of Appeals. While there are no current applications for new industrial wind complexes, it seems to be more than a rumor as agents are sending letters and knocking on doors in Champaign County. The California Ridge complex has filed for new obstructions in height with the FAA. It’s not known if this is for new construction or replacement of turbines. Ten of these obstructions are in Champaign County. The Harvest Ridge complex in Douglas County, near the Champaign County border, has many issues and they have witnessed corruption of public officials, disastrous roads, damaged field tiles, wells with huge increases with sediment from vibration, shadow flicker, etc. Douglas County used poor judgement with their zoning. He offered to show board members or county officials around the area to show what they are dealing with.

Darrel Rice, Philo, shared his concerns on the Wind Farm Ordinance. Next Era Energy is asking for easements, etc. He and most of his neighbors are not interested in living in the footprint of a Wind Farm. A lot of the people who own the land do not live there. The lease being offered is a 96-year lease, so this will affect several generations. If they cannot keep it out, they would like the best provisions and setbacks possible in order to live with it. He really likes the Livingston County zoning ordinance for their setbacks.

Kerry Gifford, Manager, Sangamon Valley Public Water District here to answer any questions we may have on their project and request for funds. The ARPA money requested is for design work to get shovel ready.

Don Wauthier of Berns, Clancy and Associates Engineers, representing the Village of Ogden, to answer any questions about the projects Ogden submitted. The do have funding for their projects and three of the four projects are shovel ready.

88 Susan Monte, Champaign County Environmental Stewards, spoke in support of the Household Hazardous
89 Waste Collection Facility project. They are requesting \$650,000 to help establish a part-time year-round
90 facility. It would be open twice a month for the public to drop off household hazardous waste. The ARPA
91 timeline aligns with their timeline.

92
93 Will Gray, Engineer with Donohue and Associates, spoke on behalf of the Penfield Water District to answer
94 any questions that might arise on their need for a new water pressure tank.

95
96 Ted Hartke, Sidney, spoke on the wind turbine noise issue. Noise limits don't protect families inside their
97 homes. Sound is an issue and is a big problem. There is no way to live in a home with the maximum noise
98 levels allowed by IPBC. IPBC noise limits never took wind turbines into account. He is asking the committee
99 to look over the packet that was sent to them and consider using the 3,250 ft. setbacks as used in Livingston
100 County.

101
102 **VI. Communications**

103
104 There were no communications.

105
106 **VII. New Business: Item for Information Only**

107 **A. Sangamon Valley Public Water District Proposal for \$500,000 ARPA Funds to Advance Water Main Project**
108 **in Gas leak Affected Area of Mahomet Aquifer**

109
110 Kerry Gifford, Manager, and Terry Boyer, Engineer, came forward to answer any questions from the
111 committee. Mr. Stohr said this is a big ask and if all this is needed to provide relief to the people affected
112 by the Peoples Gas leak. Mr. Boyer said the ask is for the full design. It was felt that if they had the full
113 design, then as other funds become available, they would be ready to go. The complete design does
114 include an area larger than just those affected by the gas leak. It also includes additional homes to the
115 east that have older wells where the gas could potentially go. Maps were provided to the committee.
116 Ms. King asked what kind of mitigation is being asked for in the lawsuit. They are not part of that, but to
117 their knowledge nothing has been done so far and there are no plans for that.

118
119 Ms. Fortado thanked them for the detail in their project and that the ask is for a specific phase of the
120 project. She also stated that she would like to see the County Board come forth with a Resolution
121 encouraging Peoples Gas to expedite this process and also says to the state legislature to be forthcoming
122 with the money that was allocated. They have been allotted \$3.8 million which would cover the first
123 phase of the project. Design work for the first phase would be \$250,000 to \$300,000.

124
125 Mr. Thorsland said the blame and problem lays with Peoples Gas, Light and Coke Co. These funds can be
126 used to help right this. Mr. Patterson agreed that this sounds like a good project and understands the
127 frustration with Peoples Gas. Ms. Fortado also mentioned that we now have grant writers on our staff to
128 help with grants and leveraging our ARPA funds to help find more funds.

129
130 **B. Triple Fork Mutual Drainage District Proposal for \$120,000 ARPA Funds for Culvert Replacement**

131
132 Dave Wolken with the Triple Fork Drainage District was available to answer questions. Mr. Esry asked if
133 this area is within the Village of Rantoul. The Village line is just North of this area. Mr. Stohr asked if
134 they get runoff from the new sports complex? Yes, they get water from the sports complex along with a
135 lot of runoff from the old air force base. Ms. King added that this area floods like crazy and this area
136 definitely needs to be taken care of. Mr. Harper asked where exactly the Triple Fork district is located. It

137 is just south of Rantoul. Mr. Paul asked if this would help eliminate flooding in Fountain Valley. This
138 project should help with the flooding there also. Mr. Stohr then asked, what happens when you remove
139 this culvert, the water goes where? It will go into the Upper Salt Fork.

141 C. Penfield Water District Proposal for \$70,000 ARPA Funds to Assist with Replacement of Hydropneumatic
142 Water Tank

143
144 Mark Dorsey and Will Gray were present to answer questions about the Penfield Water District Proposal.
145 Ms. Fortado asked about their funding. The request is for \$70,000, do you need the remaining \$35,000?
146 They have funds to cover that portion. They have seen a population decline over the years and it is
147 harder to fund and maintain the system over the years. They were asked if there were any plans to sell
148 the water plant once the work was done. There are no plans to do that.

150 D. Village of Ogden Proposal for \$415,000 ARPA Funds to Assist with Multiple Projects:

- 151 *Broadway Street Drainage - \$120,000
- 152 *Northeast Drainage - \$125,000
- 153 *Rail Trail Area Drainage - \$95,000
- 154 *Wastewater Treatment Plant - \$75,000

155
156 Don Wauthier answered questions from the committee regarding the request for the Ogden projects.
157 Mr. Esry asked to clarify that three of the four projects were shovel ready and if the wastewater project
158 was one of those that was shovel ready? It is not, but it would be in about 90 days or so. It will be under
159 construction this fall. The wastewater project has a better funding source than the drainage projects.
160 The funds for drainage projects come from the general fund. Ms. Fortado appreciated that the project
161 with the Kickapoo Trail could be done at the same time as other work on the Trail.

163 E. Champaign County Farm Bureau, Champaign County Soil & Water Conservation District and Illinois
164 Nutrient Education & Research Council Proposal for \$245,000 ARPA Funding to Accelerate Use of Cover
165 Crops in Champaign County Agriculture – Update

166
167 Brad Uken, Manager, Champaign County Farm Bureau and Steve Stierwalt, President, Champaign County
168 Soil & Water Conservation District Board of Directors gave a brief update on the project. There is
169 increased involvement with SWCD and INERC. They have also shortened their timeline and adjusted the
170 budget. They are including small farmers, first timers and verification checks.

171
172 Ms. King feels that a program like this should be administered by USDA and managed by Congress. Mr.
173 Thorsland asked what percent of farmers are doing this or tried this in the past five years? Mr. Stierwalt
174 said his estimate would be around six percent. Mr. Thorsland is not sure what the impact would be and
175 not sure we would get the bang for the buck with this project.

176
177 Mr. Stierwalt agrees that it needs to be a bigger program; it's a big problem. The STAR (Saving
178 Tomorrows Agricultural Resources) program started in Champaign County and has now spread across the
179 country. Why should Champaign County be involved at this level? There is a lot of interest in carbon
180 right now. We see this as an on-ramp for farmers to the carbon market. This would help teach our
181 farmers how to do these conservation practices to take advantage of this in the future. It takes 3-5 years
182 at a minimum to see the advantage of cover crops. There has to be a place to start and that is what they
183 are suggesting with this money is a way to start down that road.

185 Much discussion was held about the pros and cons of this project. Ms. Fortado and Mr. Esry both stated
186 that they would like to see this move on to the full County Board. Mr. Stohr added that this is an
187 opportunity to nudge a community in a new direction. He also suggested that the Extension Service
188 would be a good educational partner for this project.
189

190 F. Champaign County Environmental Stewards Proposal for \$650,000 ARPA Funds to Establish a Household
191 Hazardous Waste Collection Facility
192

193 Susan Monte answered questions regarding the HHW Collection Facility. Ms. Fortado stated this is an
194 important issue. She asked about the confidence in the Capital Campaign. They are hopeful that the
195 municipalities along with the county will help with funding during their budget review process. Mr. Paul
196 asked how many people would be employed? It is a part-time facility, so employment would be part-
197 time and initially they would hire a contractor that specializes in hazmat facilities.
198

199 Discussion was then held about the ARPA budget and what money is left to be allocated.
200

201 Mr. Patterson asked under what entity would this facility exist. This would be managed by a firm,
202 administered by CCES and aligned with local governments subject to intergovernmental agreements.
203

204 **VIII. New Business: Items to Receive and Place on File by ELUC to Allow a 30-Day Review Period**

205 A. **Zoning Case 030-AT-21.** Amend the Champaign County Zoning Ordinance to add Data Center as a
206 Special Use in the AG-2 Agriculture, B-4 General Business and I-1 Light Industry Zoning Districts; and
207 add PV SOLAR ARRAY as a County Board Special Use Permit in the AG-2 Agriculture and all Business
208 and Industrial Zoning Districts; and authorize DATA CENTER as a second principal use on property in
209 the AG-2 DISTRICT; and add special use permit standard conditions for both DATA CENTER and PV
210 SOLAR ARRAY; and also add requirements for PV SOLAR ARRAY as an ACCESSORY USE, as described
211 generally, in the legal advertisement.
212

213 Mr. Hall said they had made this a little more restrictive and added extra noise control. The Urbana Plan
214 Commission recommended no protest. The item was received and placed on file.
215

216 B. **Zoning Case 040-AT-22.** Amend the Champaign County Zoning Ordinance to add new paragraph
217 4.2.1 C.7. to provide that a private or commercial transmission and receiving tower (including antenna)
218 over 100 feet in height may be authorized as a SPECIAL USE Permit in the AG-1 and AG-2 Agriculture
219 Districts as a second PRINCIPAL USE on a LOT with an Electrical Substation.
220

221 ZBA thought this was a good thing and recommended this unanimously. The item was received and
222 placed on file.
223

224 **IX. New Business: Items to be Approved by ELUC**

225 A. Recreation & Entertainment License: Generations Music Booking, NFP for live Bands at the Champaign
226 County Fairgrounds, 1302 North Coler Avenue, Urbana for June 30, 2022 – July 3, 2022.
227

228 **MOTION** by Ms. King and second by Mr. Esry to approve the R & E License for Generations Music Booking.
229 Upon voice vote, the **MOTION CARRIED** unanimously.
230
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233

- 234 B. Authorization for a Public Hearing on Proposed Zoning Ordinance Omnibus Text Amendment to Update
235 Material Management/Waste-Related Uses
236

237 This item is continued until May 5, 2022
238

239 **X. New Business: Items to be Recommended to the County Board**

- 240 A. Champaign County Farm Bureau, Champaign County Soil & Water Conservation District and Illinois
241 Nutrient Education & Research Council Proposal for \$245,000 ARPA Funding to Accelerate Use of Cover
242 Crops in Champaign County Agriculture
243
- 244 B. Village of Pesotum Proposal for \$250,000 ARPA Funding to Assist with Construction of Sanitary Sewer
245 Collection and Treatment
246
- 247 C. Village of Tolono Proposal for ARPA Funding to Assist with Construction of Wastewater Treatment Plant
248
- 249 D. Village of Ludlow Proposal for \$400,000 ARPA Funding to Assist with Upgrades To Community Water
250 Supply Distribution System
251
- 252 E. Village of Ivesdale Proposal for \$250,000 ARPA Funding to Assist with Upgrades to Community Water
253 Supply Distribution System
254
- 255 F. Village of Royal Proposal for \$250,000 ARPA Funding to Assist with Water Main Project
256
- 257 G. Sangamon Valley Public Water District Proposal for \$500,000 ARPA Funds to Advance Water Main Project
258 in Gas Leak Affected Area of Mahomet Aquifer
259
- 260 H. Triple Fork Mutual Drainage District Proposal for \$120,000 ARPA Funds for Culvert Replacement
261
- 262 I. Penfield Water District Proposal for \$70,000 ARPA Funds to Assist with Replacement of Hydropneumatic
263 Water Tank
264
- 265 J. Pesotum Consolidated Drainage District Proposal for \$181,484 ARPA Funds to Help with Replacement of
266 Main Tiles
267
- 268 K. Village of Thomasboro Proposal for \$450,000 ARPA Funds for Stormwater Drainage Improvements
269
- 270 L. Village of Ludlow Proposal for ARPA Funds for Sanitary Sewer Construction
271
- 272 M. Village of Ogden Proposal for \$415,000 ARPA Funds to Assist with Multiple Projects
273 *Broadway Street Drainage - \$120,000
274 *Northeast Drainage - \$125,000
275 *Rail Trail Area Drainage - \$95,000
276 *Wastewater Treatment Plant - \$75,000
277
- 278 N. Champaign County Environmental Stewards Proposal for \$650,000 ARPA Funds to Establish a Household
279 Hazardous Waste Collection Facility
280

281 Discussion was held on items X. A – N and what to move forward to the full County Board. Mr. Thorsland
282 proposed moving all items forward to the County Board and asking the rural districts to look at and

283 prioritize the projects. Mr. Esry stated that the caucus had discussed these items and the one item that had
284 the least support was the Triple Fork Drainage Project. They were in favor of more funds going to
285 Ludlow. Ogden, with the multiple projects, instead of giving the funds for specific projects, give them
286 funds and they can decide what projects to use it for.
287

288 Mr. Paul felt that we should trim what goes to the full Board and give a more definitive list to them.
289 Ms. Fortado agreed and said if we don't, it could be a long meeting. She also doesn't want to forward
290 things we aren't going to do. Ms. Kloepfel clarified that she needs direction for IGA's for the full board
291 to vote on. The money is budgeted, we just need the IGA's. Mr. Patterson asked if they would be voting
292 on IGA's this month? If you want to move them forward in April, which is the idea the committee had at
293 the last meeting, to get them started for the summer; we probably need to do this at the April meeting.
294 Mr. Patterson stated that we need the numbers to make a decision. Mr. Esry stated he had number from
295 the caucus for the districts. The breakdown follows:
296

297 In District I, \$500,000 for the Sangamon Valley Public Water District. All the funds would go to them. That
298 is an urgent need.
299

300 In District II, there are two options. Option A: Penfield - \$70,000, Ludlow - \$330,000 and Thomasboro
301 \$100,000. Mr. Paul asked if Thomasboro gets the money, will they do the project or will they do something
302 else with the funds. Mr. Evans, Mayor of Thomasboro, stated that the project was committed to prior to
303 ARPA becoming available. Ms. Fortado wanted clarification on if it can be done in the timeline. The
304 answer is yes and they would be able to complete a project this summer. Option B: Penfield - \$70,000,
305 Ludlow - \$370,000 and Triple Fork - \$60,000. Some committee members stated they were more
306 inclined to support Option B.
307

308 In District III, Royal - \$200,000, Ogden - \$200,000 and St. Joseph - \$100,000. Ms. Fortado once again
309 stated that we need to know they can get this done in the timeline and that they have rest of the money
310 for these projects.
311

312 In District IV, Pesotum Drainage District - \$75,000, Tolono - \$75,000, Ivesdale - \$175,000 and Village of
313 Pesotum - \$175,000. Ms. Fortado stated that \$75,000 on the Tolono project, might not make that much
314 difference. We need to be sure the projects/phases get done.
315

316 Mr. Paul asked how the funding goes out. Ms. Kloepfel stated we are writing IGA's for specific projects.
317 She is recommending that it be for a specific task or activity of the project rather than the whole project.
318 It has to be committed and spent within the timeline. Ms. King said Tolono never came back to us for a
319 specific ask.
320

321 Discussion continued on the funds and how it is distributed and how, if a project is not completed in the
322 timeline, then we need to ask for funds back and give them back. The IGA's will have to be about a
323 specific project(s) and include if it's not spent, it must be given back.
324

325 Ms. Fortado, went back to the Thomasboro project and asked if we have received any information in a paper
326 form on their project. They do have engineering specs and will get something to us.
327

328 At this point, the committee took a five-minute break.
329

330 When the committee reconvened, a **MOTION** was made by Ms. Fortado to Omnibus a recommendation
331 to the board for Districts 1 through 4 with a District 2A and 2B option. The motion was seconded by

332 Ms. King. Mr. Esry then stated the information for the motion: In District I – Sangamon Valley Public
333 Water District - \$500,000. In District II – Option A – Penfield - \$70,000, Thomasboro - \$100,000 and
334 Ludlow - \$330,000 or Option 2B – Penfield - \$70,000, Ludlow - \$330,000 and Triple Fork - \$60,000.
335 For District III – Royal - \$200,000, Ogden - \$200,000 and St. Joseph - \$100,000 and District IV – Pesotum
336 Drainage District - \$75,000, Tolono - \$75,000, Ivesdale - \$175,000 and Village of Pesotum - \$175,000.
337

338 Ms. Fortado stated she supports the motion with the caveat of supporting option 2B in District II.
339

340 Upon voice vote, the **MOTION PASSED** unanimously. These items will not go on the consent agenda.
341

342 Items X A. and X N. were then discussed.
343

344 **MOTION** by Ms. Fortado to forward items X.A. and X.N.to the full board for discussion about whether we
345 want to allocate money to them. The motion was seconded by Mr. Stohr.
346

347 Mr. Esry stated that he felt these projects would be above and beyond the \$2 million already allocated.
348 We don't want to cut money from any of the other districts to put towards these projects.
349

350 Upon voice vote, the **MOTION PASSED** unanimously. These items will not be on the consent agenda.
351

352 O. Pollution Control Facility Ordinance
353

354 Ms. Monte met with Mr. Stohr and went over his concerns. The fee schedule has been updated to cover
355 consultant costs.
356

357 **MOTION** by Mr. Stohr and seconded by Ms. King to approve the Pollution Control Facility Ordinance.
358 Upon voice vote, the **MOTION PASSED** unanimously.
359

360 **XI. Other Business**

361 A. Semi-Annual Review of CLOSED Session Minutes
362

363 **MOTION** by Mr. Esry to follow the State's Attorney recommendation to keep the CLOSED Minutes closed.
364 Seconded by Mr. Patterson.
365

366 Upon voice vote, the **MOTION CARRIED** unanimously.
367

368 B. Monthly Reports

369 i. January 2022

370 The January 2022 report was received and placed on file.
371

372 **XII. Chair's Report**

373 There was no Chair's Report.
374

375 **XIII. Designation of Items to be Placed on the Consent Agenda**

376 Item X. O., Pollution Control Ordinance, was placed on the Consent Agenda.
377

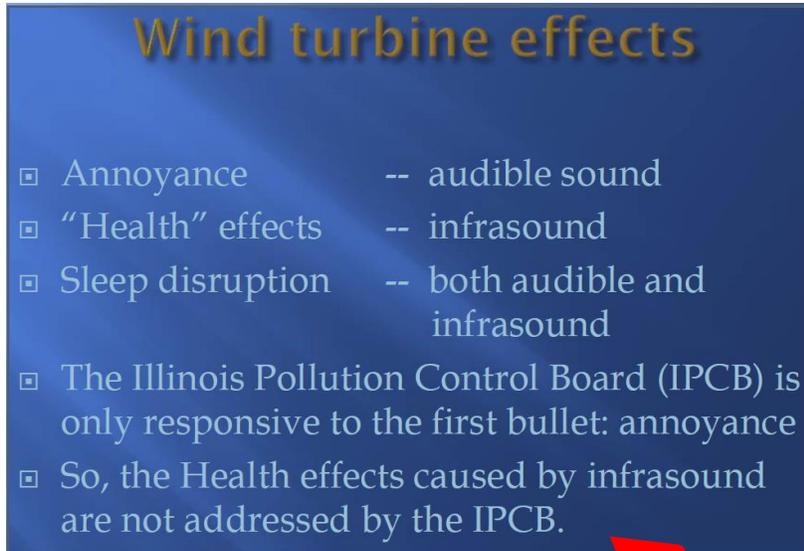
378 **XIV. Adjournment**

379 Mr. Thorsland adjourned the meeting at 9:30 p.m.

380 *Please note the minutes reflect the order of the agenda and may not necessarily reflect the order of business conducted at the meeting.*

Ford County's "flawed" thinking that IPCB noise regulations will protect citizens:

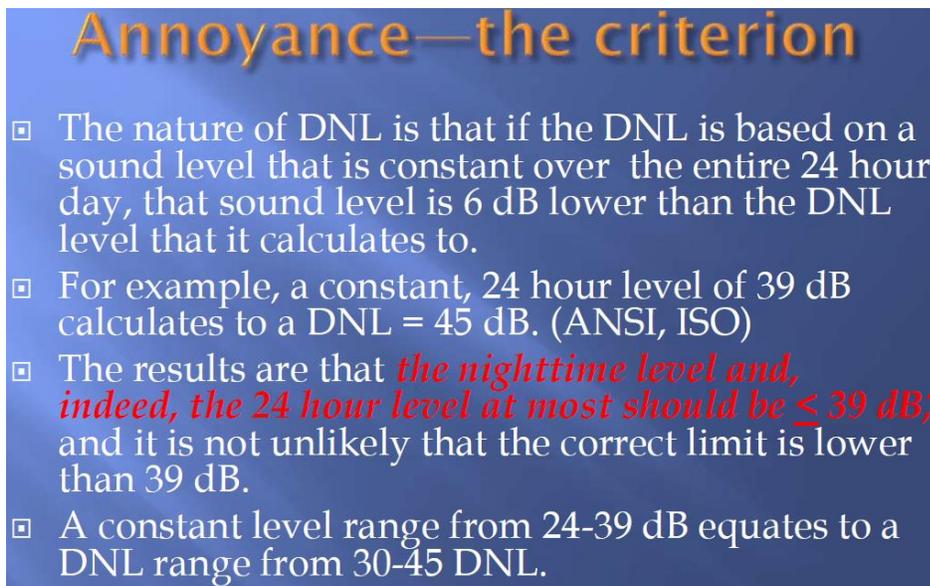
Dr. Paul Schomer authored those standards, measured wind turbine noise inside abandoned homes, and testified under sworn oath June 23, 2015 in Boone County Illinois as follows:



Wind turbine effects

- ▣ Annoyance -- audible sound
- ▣ "Health" effects -- infrasound
- ▣ Sleep disruption -- both audible and infrasound
- ▣ The Illinois Pollution Control Board (IPCB) is only responsive to the first bullet: annoyance
- ▣ So, the Health effects caused by infrasound are not addressed by the IPCB.

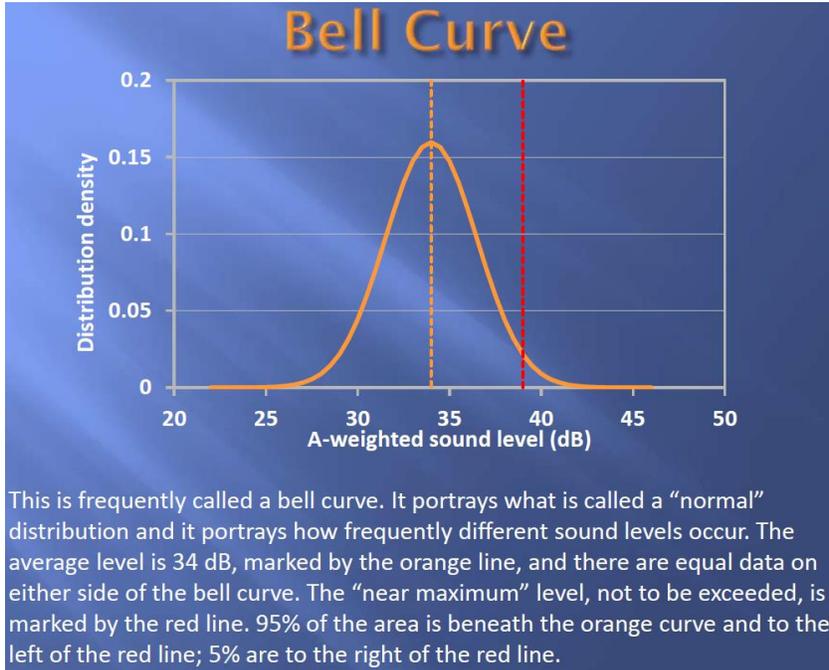
Since IPCB noise levels do not protect health, Schomer says max noise should be 39 dB or less for turbines:



Annoyance—the criterion

- ▣ The nature of DNL is that if the DNL is based on a sound level that is constant over the entire 24 hour day, that sound level is 6 dB lower than the DNL level that it calculates to.
- ▣ For example, a constant, 24 hour level of 39 dB calculates to a DNL = 45 dB. (ANSI, ISO)
- ▣ The results are that *the nighttime level and, indeed, the 24 hour level at most should be ≤ 39 dB,* and it is not unlikely that the correct limit is lower than 39 dB.
- ▣ A constant level range from 24-39 dB equates to a DNL range from 30-45 DNL.

To keep noise MAXIMUM at 39 dBA, then “design” noise level to be 34 dBA:



To achieve “design” noise at 34 dBA as a way to keep MAXIMUM noise at 39 dBA, then here’s the distance conversion which calls for **2580 FEET!**

Converting criterion (including tolerance) to distance

Distance (ft)	Noise Reduction (dBA)
1	102
2	96
4	90
8	84
16	78
32	72
64	66
128	60
256	54
512	48
1024	42
2048	36
4096	30

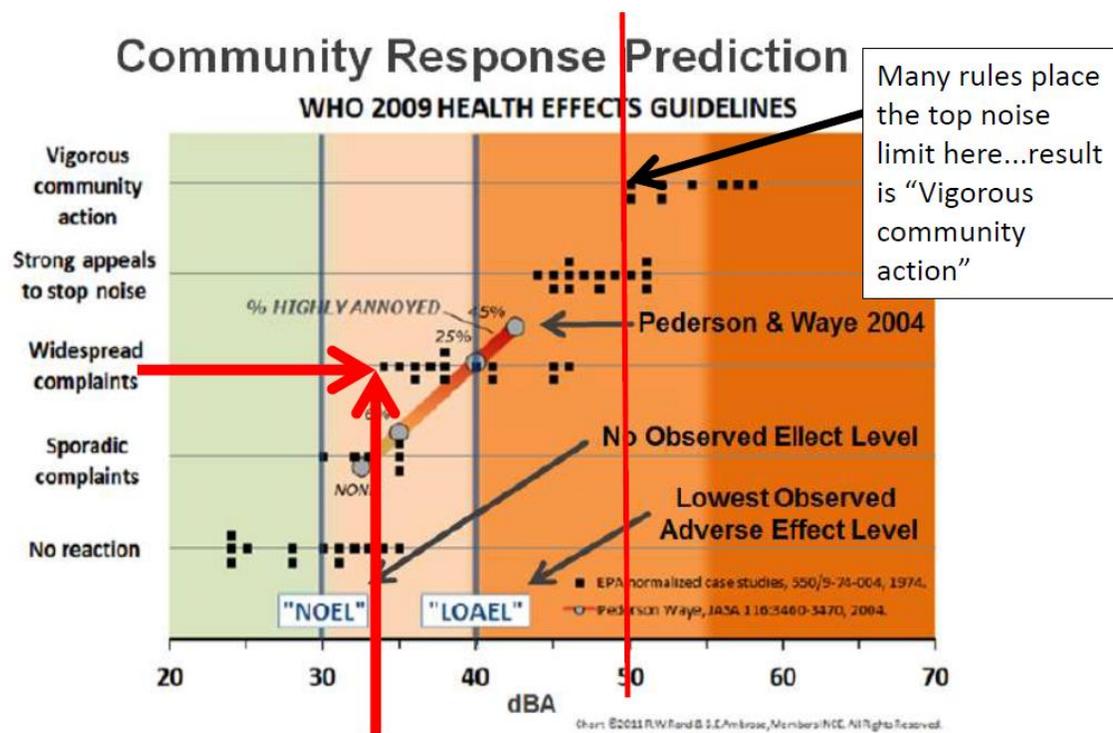
- The criterion, including tolerance, is 34 dBA.
- The table on the left gives dBA versus distance for a large wind turbine with an A-weighted power level of 102 dB.
- The distance that corresponds to 34 dBA is 2580ft; nearly half a mile.
- **NOTE:** These calculations are all for a hub power level of 102 dB. If the selected wind turbine had a different power, then all of these numbers go up or down by the difference between the power of the selected wind turbine and 102.

Please note that all of these slides are pulled out of the full submittal which was provided to the Ford County ZBA during Fall, 2018 testimony.

Predicted Community Noise Response Chart and statements prepared by Steven Ambrose, INCE

Neighbors respond to the sound level increase and change frequency content. The public or community reaction is easily determined by locating the turbine noise level (dBA predicted or measured) on the 'x-axis' and the response is on the 'y-axis' when the black squares are intersected. Fifty 50 dBA exceeds and meets the black squares representing "strong appeals to stop noise" and "vigorous community action". Forty-five dBA has "widespread complaints" and "strong appeals to stop noise", 35 dBA has "widespread complaints" and "sporadic complaints". The design goal should be no louder than 32 dBA for "no reaction" or "sporadic complaints" at the worst.

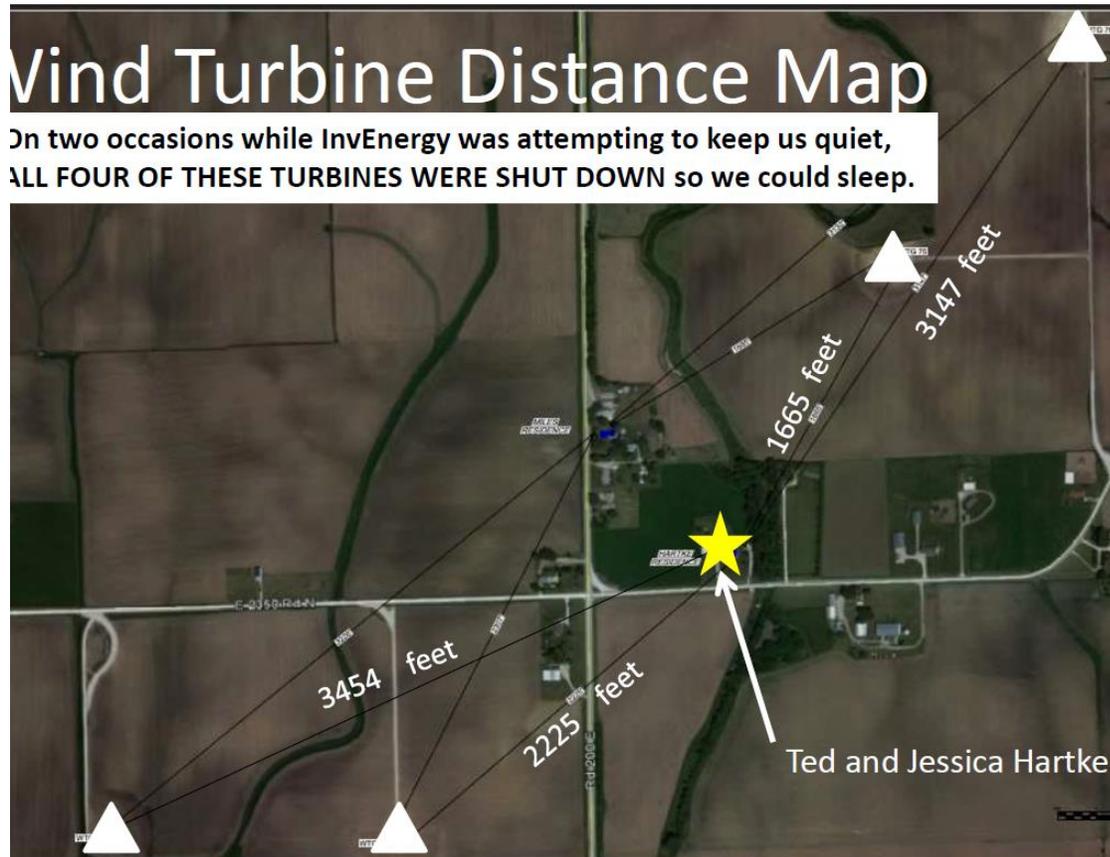
This chart clearly shows that your family is being exposed to excessive noise and adverse health impacts.



Widespread Complaints Start at 33.5 dBA !!

ADVERSE HEALTH EFFECTS BEGIN AT 40 dBA

Hartke house vs turbine distances:



Safe level for sleep per InvEnergy Wind Farm Application by HDR Engineering:

HDR CLAIMS (Continued)

California Ridge Wind Energy Project

Sound Analysis Report

With the conservative additions, the analysis indicates that the majority of locations would experience turbine sound levels of less than 40 dBA (outdoors). This level is sufficiently low to minimize or eliminate any potential for sleep interference or indoor/outdoor speech interference, as defined by the US Environmental Protection Agency (EPA). Furthermore, these average hourly levels are compatible with parameters for acceptable levels of noise within residential land uses established by the EPA guidelines and the State of Illinois' requirements – per Title 35, Chapter I, Part 901.

InvEnergy Vermilion County Application has
PROBLEMS!!!!

Sound Analysis Report (HDR Engineering) Page 9 June 2011

Majority of locations would experience sound levels of less than 40 dBA. This level is sufficiently low to minimize or eliminate any potential for sleep interference? If true, then why Hartke Home Abandonment after **SLEEP DEPRIVATION ISSUES PERSISTED ???**

Per HDR, the predicted level at Hartke's home: 43 dBA

Noise level at times of our complaints: (please note the midnight, 3 AM, 4 AM complaint times)

*Noise Level Compliance Analysis
for the California Ridge Wind Energy Project*

Table 7-5: Analysis of Complaint Times During Noise Study

Date and Hour of Complaint	Turbine 57 Speed (rpm)	Turbine 75 Speed (rpm)	Site Power (% full)	P2 500 Hz Noise Level (dB)	P2 1k Hz Noise Level (dB)	Notes
8/24/2013 6:55	13	12	68	36	33	Relatively low turbine operations
8/26/2013 4:00	14	0	76	38	29	Relatively low turbine operations
8/27/2013 7:00	8	13	50	41	36	Relatively low turbine operations
8/28/2013 3:00	0	15	77	43	33	Moderate turbine operations
9/2/2013 6:50	11	12	48	37	30	Relatively low turbine operations
9/7/2013 4:00	0	0	40	31	23	Turbine 56 only was on, as noted by resident
9/19/2013 0:00	0	0	48	37	28	Turbine 56 only was on, as noted by resident
9/19/2013 23:00	15	15	99	46	41	Near maximum turbine operations
9/22/2013 23:00	0	0	37	36	30	Turbine 76 only was on, as noted by resident
9/24/2013 1:00	14	15	69	38	31	Moderate turbine operations
9/28/2013 23:00	14	14	75	44	38	Near maximum turbine operations
10/26/2013 20:00	13	13	81	40	37	Moderate turbine operations
10/30/2013 21:00	15	15	99	47	43	Ground wind 8 m/s
10/31/2013 21:00	13	12	71	42	38	Moderate turbine operations
11/1/2013 21:00	13	13	70	43	37	Moderate turbine operations
11/4/2013 5:00	14	15	99	44	38	Near maximum turbine operations
11/4/2013 21:00	15	15	99	46.5	41.2	Near maximum turbine operations
11/4/2013 22:00	15	15	99	46.5	41.2	Near maximum turbine operations
11/7/2013 17:00	15	15	99	---	---	No noise data at Prime 2
11/8/2013 0:00	13	14	86	---	---	No noise data at Prime 2
11/9/2013 3:00	15	15	99	49	45	Ground wind 7 m/s
11/9/2013 22:00	15	15	99	46.9	41.8	Highlighted in Section 7.1
11/15/2013 4:00	13	14	89	43	37	Near maximum turbine operations

Table 7-6: Comparison of Complaint Times Prior to Noise Study

Date and Hour of Complaint	Turbine 57 Speed (rpm)	Turbine 75 Speed (rpm)	Site Power (% full)	Notes
5/9/2013 21:00	15	15	87	Near maximum turbine operations
5/11/2013 23:00	15	15	98	Near maximum turbine operations
5/12/2013 2:00	14	15	94	Near maximum turbine operations
5/19/2013 23:00	15	15	99	Near maximum turbine operations
5/20/2013 22:00	15	15	95	Near maximum turbine operations
5/23/2013 2:00	10	13	53	Moderate turbine operations
5/26/2013 23:00	15	15	99	Near maximum turbine operations
5/27/2013 3:00	13	13	70	Moderate turbine operations
5/27/2013 4:00	14	14	96	Near maximum turbine operations
5/27/2013 5:00	14	13	85	Near maximum turbine operations
5/27/2013 6:00	15	15	96	Near maximum turbine operations
6/16/2013 4:00	12	13	80	Moderate turbine operations
6/19/2013 1:00	12	11	49	Moderate turbine operations
6/19/2013 23:00	12	11	63	Moderate turbine operations
6/21/2013 1:00	14	14	84	Near maximum turbine operations
6/24/2013 23:00	14	14	84	Near maximum turbine operations
6/25/2013 0:00	14	14	81	Near maximum turbine operations
6/25/2013 22:00	12	12	77	Moderate turbine operations
6/25/2013 23:00	14	13	89	Near maximum turbine operations
6/26/2013 5:00	14	14	90	Near maximum turbine operations
7/1/2013 23:00	13	12	85	Near maximum turbine operations
8/2/2013 7:00	11	13	85	Near maximum turbine operations

Maximum allowable per IPCB:

Table 3-1: Allowable Octave Band Sound Pressure Levels (dB) of Sound Emitted to Any Receiving Class A Land from Any Class C Land

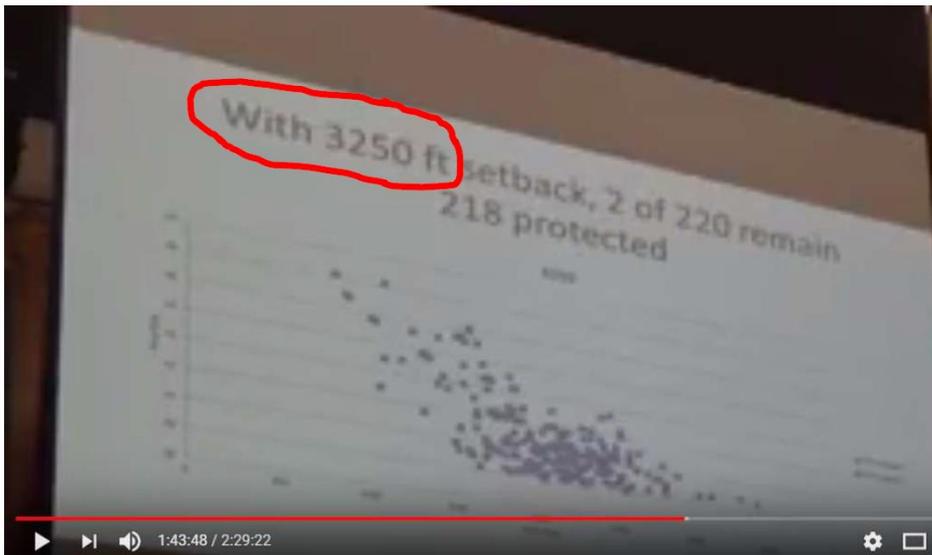
Octave Band Center Frequency (Hz)	Nighttime Noise Level Limit (dB)
31.5	69
63	67
125	62
250	54
500	47
1,000	41
2,000	36
4,000	32
8,000	32

Source: Amended at 30 Ill. Reg.5533, effective March 10, 2006

THIS BRINGS THE CONCLUSION THAT IPCB LIMITS FAIL TO PROTECT HEALTH IN REGARDS TO WIND TURBINE NOISE SLEEP DISTURBANCE.

Please note the MOST RECENT presentation by Dr. Paul Schomer includes this slide which has been used by two or more Illinois counties to establish setback distances:

Livingston County Illinois put in place 3250' setback based upon Dr. Schomer's testimony on July 12, 2016 at the 1:53:35 timestamp in this video:
<https://www.youtube.com/watch?v=nByxjMI3AJs&t=7210s>



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To: Environment and Land Use Committee
From: Susan Monte, Planner & County Recycling Coordinator
Date: April 26, 2022
RE: Online Registration Open for May 21, 2022 Residential Electronics Collection to be held at Parkland College

Online registration for residents of participating communities in Champaign County opened on Monday April 18, 2022, and remains open.

In one week's time, 1,653 persons registered to attend the Residential Electronics Collection. This represents 86% of total event capacity at 1,920.

The online registration URL is: ecycle.simplybook.me.



FOR IMMEDIATE RELEASE

Contact:

- Scott Cassel, Chief Executive Officer and Founder, Product Stewardship Institute; scott@productstewardship.us, (617) 513-3954
- Marta Keane, Recycling Program Specialist, Will County; Chair, Illinois Product Stewardship Council; mkeane@willcountygovernor.com, (815) 666-2892
- Walter Willis, Executive Director, Solid Waste Agency of Lake County; wwillis@swalco.org, (847) 377-4951
- Tucker Barry, Communications Director, Illinois Environmental Council; tucker@ilenviro.org, 337-280-1269

Illinois General Assembly Passes Drug Take-Back Bill

SPRINGFIELD, Illinois – Illinois is set to join seven U.S. states with [a new law](#) that requires drug manufacturers to pay for and run a statewide take-back program. The Illinois General Assembly passed HB 1780 on April 7th, with the leadership of the House sponsor, Representative Jennifer Gong-Gershowitz, and the Senate sponsor, Senator Laura Fine. The bill is now headed to Governor J.B. Pritzker’s desk; once signed, it will ensure every community in Illinois has free, convenient access to safe drug disposal beginning January 1, 2024.

“40 million Americans drank from water sources contaminated by prescription drugs last year,” said Representative Gong-Gershowitz. “It’s time we cut that number down to zero, and Illinois is going to do its part. I urge Governor Pritzker to sign this bill quickly to eliminate a serious danger facing our state.”

“Without a drug take-back program, we risk more people abusing substances that should have been discarded,” Senator Fine added. “This legislation will ensure medications are disposed of safely and securely, which will protect unused medications from negatively impacting people in our community and our environment.”

Unused medications can be dangerous, especially to children, the elderly, and pets. They can lead to drug abuse, misuse, and accidental poisonings. When

disposed of down the drain or in the trash, they leak into our waterways and harm wildlife. Now, Illinois residents will be able to take unused drugs back to a pharmacy for safe, environmentally responsible disposal. Prepaid mail-back envelopes will also be available.

Under the leadership of Representative Gong-Gershowitz and Senator Fine, a broad coalition including the Illinois Product Stewardship Council (IL PSC), Solid Waste Agency of Lake County (SWALCO), the Lake County Board, Lake County Sheriff, Illinois Retail Merchants Association, Illinois Environmental Council (IEC), and the Product Stewardship Institute (PSI) worked toward a compromise solution over three years, resulting in broad bipartisan support for HB 1780.

“Passing the drug take-back bill required a remarkable collaborative effort over the past several years,” said Walter Willis, Executive Director of SWALCO. “It’s thanks to the support of such a diverse coalition that the bill was able to pass with broad support.”

Lake County Board Chair Sandy Hart shared, “We are thrilled that this bill will provide a long-awaited safe and responsible means for prescription drug disposal not only in Lake County, but throughout the entire state. The Lake County Board, alongside our partners at SWALCO, want to extend our heartfelt gratitude to Representative Gong-Gershowitz and Senator Fine for championing this bill as we know it will provide enormous positive impact on public health and the environment for years to come.”

Lake County Legislative Committee Chair John Wasik added, “Implementing a prescription drug take-back program has been on our county’s legislative agenda for years and was one of the primary areas of focus for our Legislative team.”

“As the fourth product stewardship program in Illinois, pharmaceutical companies will join automobile, thermostat and electronics manufacturers in taking responsibility for their end-of-life materials,” said Marta Keane, Will County Recycling Program Specialist and chair of the IL PSC. “With its passage, Illinois taxpayers and the environment clearly benefit from the nation’s product stewardship movement.”

The coalition’s work was built on the foundation laid by PSI, which over the past 15 years has paved the way for the passage of drug take-back laws in the U.S. They developed model drug take-back legislation and led a national effort to change the federal Controlled Substances Act and Drug Enforcement Administration regulations to allow convenient pharmacy collections. Today, PSI works with state and local agencies around the country to share strategies and support take-back policies.

“Throughout the country, drug take-back programs have been shown to have a positive impact on public health and environmental protection,” said Jennifer Walling, Executive Director of IEC. “We are proud to see Illinois take another significant action toward lowering the risk of accidental overdoses and reducing pollution in our pristine waterways by passing this bill.”

Illinois is the eighth state to require manufacturers to fund and manage a drug take-back program, preceded by Maine, Oregon, Massachusetts, Vermont, Washington state, New York, and California.

“This new law will be a critical step toward reducing the prescription opioid crisis and will go a long way to protect our water quality,” said Scott Cassel, Chief Executive Officer and Founder of PSI. “The law will remove a substantial financial and management burden from governments and taxpayers, placing the primary responsibility with the drug companies that put these products on the market.”

###

About the [Product Stewardship Institute \(PSI\)](#)

PSI is a national nonprofit that brings stakeholders together to reduce the health and environmental impacts of consumer products and packaging. Together with members from 47 states and hundreds of local governments, as well as over 120 partners from companies, organizations, universities, and international governments, PSI advances extended producer responsibility laws and voluntary programs to create a circular economy.

About the [Illinois Product Stewardship Council \(IL PSC\)](#)

The IL PSC is a coalition of local and state governments, businesses, environmental groups, and solid waste agencies in Illinois seeking to shift the waste management system from one focused on government-funded waste diversion to one that relies on producer responsibility.

About the [Illinois Environmental Council \(IEC\)](#)

IEC’s mission is to advance public policies that create healthy environments across Illinois while serving as a trusted voice for creating sound policy and ensuring environmental protections.

About the [Solid Waste Agency of Lake County, Illinois \(SWALCO\)](#)

SWALCO was formed in 1991 to implement the Lake County Solid Waste Management Plan and currently is comprised of members from 45 municipalities representing approximately 85% of Lake County’s population. SWALCO’s goal is to provide county residents with the programs and infrastructure necessary to divert as much material from final disposal as possible.

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To: Environment and Land Use Committee
From: Susan Monte, Planner & County Recycling Coordinator
John Hall, Director & Zoning Administrator
Date: April 28, 2022
RE: Update to Zoning Ordinance requirements for Material Management/
Waste-Related Uses

Request: Request approval to proceed with a public hearing for Zoning Ordinance omnibus text amendment.

This updated request has undergone additional staff review since the March ELUC meeting. The omnibus text amendment is to include the following provisions:

- a. Add defined terms to Section 3.0
COMPOST
COMPOSTABLE WASTE
ONE-DAY COMPOSTABLE WASTE COLLECTION EVENT
PERMANENT COMPOSTABLE WASTE COLLECTION POINT
CONSTRUCTION AND DEMOLITION DEBRIS RECYCLING
FACILITY
FOOD SCRAP
FOOD SCRAP COMPOSTING FACILITY
GARBAGE
GENERAL CONSTRUCTION OR DEMOLITION DEBRIS
LANDSCAPE WASTE COMPOST FACILITY
POLLUTION CONTROL FACILITY/NEW POLLUTION
CONTROL FACILITY
RECYCLING CENTER
SPECIFIC MATERIAL COLLECTION SITE
- b. Revise defined terms in Section 3.0
LANDSCAPE WASTE
LANDSCAPE WASTE PROCESSING FACILITY
- c. Remove defined terms from Section 3.0
DUMP, REFUSE
SANITARY LANDFILL
- d. Add POLLUTION CONTROL FACILITY/NEW POLLUTION CONTROL FACILITY as exempt from Zoning Ordinance in Section 4.3.7
- e. In Section 5.2, add PERMANENT COMPOSTABLE WASTE COLLECTION POINT to be allowed by Special Use Permit in AG-2, B-1, B-4, B-5, I-1, or I-2 Zoning Districts, and add Special Use Standards to Table 6.1.3.

- continued -

Request: continued

- f. In Section 5.2, amend “Recycling of non-hazardous materials (all storage and processing indoors)” to be RECYCLING CENTER with no Outdoor STORAGE nor Outdoor OPERATIONS to be allowed by Special Use Permit in the B-3 Zoning District and By Right in the B-4, B-5, I-1, or I-2 Zoning Districts.
- g. In Section 5.2, add FOOD SCRAP COMPOST FACILITY to be allowed by Special Use Permit in the AG-1, AG-2, or I-2 Zoning Districts and add Special Use Standards to Table 6.1.3.
- h. In Section 5.2, add RECYCLING CENTER with Outdoor STORAGE and/or Outdoor OPERATIONS to be allowed by Special Use Permit in the B-3, B-4, or B-5 Zoning Districts and By Right in the I-1 or I-2 Zoning Districts.
- i. In Section 5.2, add CONSTRUCTION AND DEMOLITION DEBRIS RECYCLING FACILITY to be allowed by Special Use Permit in the I-1 or I-2 Zoning Districts and add Special Use Standards to Table 6.1.3.
- j. In Section 5.2, revise LANDSCAPE WASTE COMPOSTING FACILITY to be allowed by Special Use Permit in the AG-2, I-1, or I-2 Zoning Districts.
- k. Revise Section 7.1.2(J)3 to indicate JUNK YARD or AUTOMOBILE SALVAGE YARD as prohibited STORAGE or OPERATIONS for a RURAL HOME OCCUPATION.

Proposed Omnibus Text Amendments for Material Management/Waste-Related Uses

Note: A handout containing an updated version of Attachment A will be provided at the upcoming May ELUC meeting. The update will include additional content to address the remaining comments received to date.

Existing Zoning Ordinance text to be removed is indicated with strike-out. Text proposed to be added to the Zoning Ordinance is indicated with underlining.

1) Add, revise, or remove defined terms to Section 3.0

SECTION 3.0 DEFINITIONS

COMPOST

The humus-like product of the process of COMPOSTING waste, which may be used as a soil conditioner.

COMPOSTABLE WASTE

HOUSEHOLD WASTE that is source-separated FOOD SCRAP, HOUSEHOLD WASTE that is source-separated LANDSCAPE WASTE, or a mixture of both.

COMPOSTABLE WASTE COLLECTION POINT

A HOUSEHOLD WASTE DROP-OFF POINT approved by the COUNTY and in accordance with Subsection (d-6) of the Illinois Environmental Protection Act (415 ILCS)5/22.55).

CONSTRUCTION AND DEMOLITION DEBRIS RECYCLING FACILITY:

ESTABLISHMENTS that receive and process GENERAL CONSTRUCTION OR DEMOLITION DEBRIS for recycling.

DUMP, REFUSE

~~A LOT or tract of land or part thereof used for the disposal by abandonment, burial, or other means and for whatever purposes, of garbage, trash, refuse, junk, discarded machinery, vehicles or parts thereof, or solid waste material of any kind.~~

FOOD SCRAP

GARBAGE that is (i) capable of being decomposed into COMPOST by COMPOSTING, (ii) separated by the generator from other waste, including, but not limited to, GARBAGE that is not capable of being decomposed into COMPOST by COMPOSTING, and (iii) managed separately from other waste, including, but not limited to, GARBAGE that is not capable of being decomposed into COMPOSTING.

FOOD SCRAP COMPOSTING FACILITY

An entire FOOD SCRAP COMPOSTING OPERATION that is not considered to be a POLLUTION CONTROL FACILITY or NEW POLLUTION CONTROL FACILITY.

GARBAGE

Waste resulting from the handling, processing, preparation, cooking, and consumption of food, and wastes from the handling, processing, storage, and sale of produce.

Proposed Omnibus Text Amendments for Material Management/Waste-Related Uses

GENERAL CONSTRUCTION OR DEMOLITION DEBRIS

Non-hazardous, uncontaminated materials resulting from the CONSTRUCTION, remodeling, repair and demolition of utilities, STRUCTURES, and roads, limited to the following: bricks, concrete, and other masonry materials; soil; rock; wood, including non-hazardous painted, treated, and coated wood and wood products; wall coverings; plaster; drywall; plumbing fixtures; non-asbestos insulation; asphalt roofing shingles and other roof coverings; reclaimed or other asphalt pavement; glass; plastics that are not sealed in a manner that conceals waste; electrical wiring and components containing no hazardous substances; and corrugated cardboard, piping or metals incidental to any of those materials.

HOUSEHOLD WASTE DROP-OFF POINT

The portion of a site or facility used solely for the receipt and temporary STORAGE of household waste and in accordance with Section 22.55 of the Illinois Environmental Protection Act (415 ILCS)5/22.55).

LANDSCAPE WASTE

All accumulations of grass or shrubbery cuttings, leaves, tree limbs and trucks, and other materials accumulated as the result of the care of lawns, shrubbery, vines and trees.; ~~excluding vegetative by-products from agricultural activities onsite.~~

LANDSCAPE WASTE COMPOST FACILITY

An entire LANDSCAPE WASTE COMPOSTING OPERATION that is not considered to be a POLLUTION CONTROL FACILITY or NEW POLLUTION CONTROL FACILITY.

LANDSCAPE WASTE PROCESSING FACILITY

An establishment for grinding, chipping, splitting, ~~or sawing or composting of~~ LANDSCAPE WASTE including the temporary stockpiling, ~~spreading~~, disposal or wholesale and/or retail sale of landscape waste materials processed on the site. The processing of LANDSCAPE WASTE on the same lot on which it was generated is excluded from this definition.

POLLUTION CONTROL FACILITY or NEW POLLUTION CONTROL FACILITY: Any waste storage site, sanitary landfill, waste disposal site, waste transfer station, waste treatment facility, or waste incinerator, defined as such in the Illinois Environmental Protection Act (415 ILCS 5/3.330 et seq.).

RECYCLING CENTER: A site or facility that collects, stores, or processes only segregated, nonhazardous, nonspecial, homogenous, non-putrescible materials, such as dry paper, glass, cans or plastics, for the purpose of marketing or reusing the material in the manufacturing of new, reused or reconstituted products.

SANITARY LANDFILL: A method of disposing of refuse on land without creating nuisances or hazards to public health or safety, by utilizing the principles of engineering to confine the

Proposed Omnibus Text Amendments for Material Management/Waste-Related Uses

~~refuse to the smallest practical area, to reduce it to the smallest practical volume, and to cover it with a layer of earth at the conclusion of each day's operation, or at such more frequent intervals as may be necessary and to provide a final cover following final placement of refuse.~~

SPECIFIC MATERIAL COLLECTION SITE A site that serves an integral part of needed infrastructure for a specific material reuse or recycle OPERATION. The site receives scheduled deliveries of a specific nonhazardous or non-putrescible material (e.g., glass containers/bottles) up to a limited maximum capacity, for temporary STORAGE on site until it is picked up for transport to an off-site processing facility.

2) Amend Section 4.3.7 to also exempt POLLUTION CONTROL FACILITY and NEW POLLUTION CONTROL FACILITY

4.3.7 Exemptions from Regulations and Standards

The following STRUCTURES and USES are exempted by this ordinance and permitted in any DISTRICT:

- A. Poles, towers, wires, cables, conduits, vaults, laterals, pipes, mains, valves, or any other similar distribution equipment of a public utility as defined in Public Utilities Act (220 ILCS 5/1-101 *et seq.*);² provided that the installation shall conform, where applicable, to the rules and regulations of the Illinois Commerce Commission, the Federal Aviation Administration, and other public authorities having jurisdiction;~~;~~ ~~and~~
- B. AGRICULTURE except BUILDINGS and STRUCTURES used for ~~AGRICULTURAL~~ agricultural purposes shall be required to conform to SETBACK LINES. In the event that land and STRUCTURES cease to be used for ~~AGRICULTURAL~~ agricultural purposes, then and only then shall the remaining provisions of the ordinance apply.
- C. POLLUTION CONTROL FACILITIES and NEW POLLUTION CONTROL FACILITIES, provided that the following provisions have been met:
 1. The GOVERNING BODY has granted siting approval for a POLLUTION CONTROL FACILITY or a NEW POLLUTION CONTROL FACILITY in accordance with the Illinois Environmental Protection Act (415 ILCS 5/39.2 *et seq.*).
 2. All permits required by the Illinois Environmental Protection Agency have been obtained, and copies of the state permits and state permit applications are submitted to the COUNTY.

3) Revise Section 5.2 TABLE OF AUTHORIZED PRINCIPAL USES

- a. Revise "JUNK YARD or AUTOMOBILE SALVAGE YARD ~~Salvage Yard (junkyard)~~" as a listed PRINCIPAL USE.

Proposed Omnibus Text Amendments for Material Management/Waste-Related Uses

- b. Add ~~Recycling of non-hazardous materials (all storage and processing indoors)~~ RECYCLING CENTER with no Outdoor STORAGE nor Outdoor OPERATIONS to be allowed by SPECIAL USE Permit in the B-3 Zoning District, and By Right in the B-4, B-5, I-1, or I-2 Zoning Districts.
- c. Add “RECYCLING CENTER with Outdoor STORAGE and/or Outdoor OPERATIONS” to be allowed by SPECIAL USE Permit in the B-3, B-4, or B-5 Zoning Districts, and By Right in the I-1 or I-2 Zoning Districts.
- d. Add FOOD SCRAP COMPOSTING FACILITY to be allowed by SPECIAL USE Permit in the AG-1, AG-2, or I-2 Zoning Districts.
- e. Add CONSTRUCTION AND DEMOLITION DEBRIS RECYCLING FACILITY to be allowed by SPECIAL USE Permit in the I-1 or I-2 Zoning Districts.
- f. Revise “LANDSCAPE WASTE COMPOSTING ~~PROCESSING FACILITIES~~” as a listed PRINCIPAL USE to be allowed by SPECIAL USE Permit in the AG-2, I-1, or I-2 Zoning Districts.
- g. Add COMPOSTABLE WASTE COLLECTION POINT as a listed PRINCIPAL USE to be allowed by SPECIAL USE Permit in AG-2, B-1, B-3, B-4, B-5, I-1, or I-2 Zoning Districts.

4) Add Standard Conditions to Section 6.1.3 SCHEDULE OF STANDARD CONDITIONS FOR SPECIFIC TYPES OF SPECIAL USES

- a. FOOD SCRAP COMPOSTING FACILITY
 - 1. Minimum Fencing Required shall be 6’ wire mesh, with specific location and area to be enclosed by required fencing to be determined by the ZBA.
 - 2. Minimum LOT Size and Maximum HEIGHT standards shall be the same as applicable zoning DISTRICT.
 - 3. Required YARDS standards shall be the same as applicable zoning DISTRICT at a minimum and shall additionally comply with the separation distance standards indicated in Item 7.
 - 4. A FOOD SCRAP COMPOSTING FACILITY shall be eligible to apply for a SPECIAL USE Permit only if the facility is intended to operate within the exemptions outlined in Section 3.330(a)(19) of the Illinois Environmental Protection Act.
 - 5. The operation of the FOOD SCRAP COMPOSTING FACILITY shall include site-specific dust, odor, and noise control measures, including the following:
 - (i) An Odor Impact Minimization Plan that provides guidance to onsite operation personnel by describing, at a minimum, the following items. If the operator will

Proposed Omnibus Text Amendments for Material Management/Waste-Related Uses

not be implementing any of these procedures, the plan shall explain why it is not necessary.

(I) An odor monitoring and data collection protocol for onsite odor sources, which describes the proximity of possible odor receptors and a method for assessing odor impacts at the locations of the possible odor receptors; and

(II) A description of meteorological conditions effecting migration of odors and/or transport of odor-causing material off-site. Seasonal variations that effect wind velocity and direction shall also be described; and

(III) A complaint response and record-keeping protocol; and

(IV) a description of design considerations and/or projected ranges of optimal operation to be employed in minimizing odor, including method and degree of aeration, moisture content of materials, feedstock characteristics, airborne emission production, process water distribution, pad and site drainage and permeability, equipment reliability, personnel training, weather event impacts, utility service interruptions, and site-specific concerns as applicable; and

(V) A description of operating procedures for minimizing odor, including aeration, moisture management, feedstock quality, drainage controls, pad maintenance, wastewater pond controls, storage practices (e.g., storage time and pile geometry), contingency plans (i.e., equipment, water, power, and personnel), biofiltration, and tarping as applicable.

6. Any use of livestock waste will be restricted. There must not be more than a total of 30,000 cubic yards of livestock waste in raw form or in the process of being composted at the site or facility at any one time.

7. All FOOD SCRAP, livestock waste, crop residue, uncontaminated wood waste, and paper waste must, by the end of each operating day, be processed and placed into an enclosed vessel in which air flow and temperature are controlled, or all of the following additional requirements must be met:

(i) The portion of the site or facility used for the COMPOSTING OPERATION must include a setback of at least 200 feet from the nearest potable water supply well.

(ii) The portion of the site or facility used for the COMPOSTING OPERATION must be located outside the boundary of the 10-year floodplain or floodproofed.

(iii) The portion of the site or facility used for the COMPOSTING OPERATION must be located at least one-eighth of a mile from the nearest residence, other than a residence located on the same PROPERTY as the site or facility.

Proposed Omnibus Text Amendments for Material Management/Waste-Related Uses

(iv) The portion of the site or facility used for the COMPOSTING OPERATION must be located at least one-eighth of a mile from the PROPERTY line of all of the following areas:

(I) Facilities that primarily serve to house or treat people that are immunocompromised or immunosuppressed, such as cancer or AIDS patients; people with asthma, cystic fibrosis, or bioaerosol allergies; or children under the age of one year.

(II) Primary and secondary schools and adjacent areas that the schools use for recreation.

(III) Any facility for childcare licensed under Section 3 of the Child Care Act of 1969; preschools; and adjacent areas that the facilities or preschools use for recreation.

(v) By the end of each operating day, all FOOD SCRAP, livestock waste, crop residue, uncontaminated wood waste, and paper waste must be (i) processed into windrows or other piles and (ii) covered in a manner that prevents scavenging by birds and animals and that prevents other nuisances.

8. FOOD SCRAP, livestock waste, crop residue, uncontaminated wood waste, paper waste, and COMPOST must not be placed within 5 feet of the water table.

9. The site or facility must meet all of the requirements of the Wild and Scenic Rivers Act (16 U.S.C. 1271 et seq.).

10. The site or facility must not (i) restrict the flow of a 100-year flood, (ii) result in washout of FOOD SCRAP, livestock waste, crop residue, uncontaminated wood waste, or paper waste from a 100-year flood, or (iii) reduce the temporary water storage capacity of the 100-year floodplain, unless measures are undertaken to provide alternative storage capacity, such as by providing lagoons, holding tanks, or drainage around STRUCTURES at the facility.

11. The site or facility must not be located in any area where it may pose a threat of harm or destruction to the features for which:

(i) An irreplaceable historic or archaeological site has been listed under the National Historic Preservation Act (16 U.S.C. 470 et seq.) or the Illinois Historic Preservation Act;

(ii) A natural landmark has been designated by the National Park Service or the Illinois State Historic Preservation Office; or

(iii) A natural area has been designated as a Dedicated Illinois Nature Preserve under the Illinois Natural Areas Preservation Act.

12. A narrative must be provided describing how the FOOD SCRAP COMPOSTING FACILITY will operate, including:

(i) A description of proposed recordkeeping procedures that will be used at the facility; and

Proposed Omnibus Text Amendments for Material Management/Waste-Related Uses

(ii) Measurement methods to be used and estimates of weights (tons) and volume (cubic yards) of materials accepted at the site; and

(iii) End uses of COMPOST (e.g., nurseries, landscapers, general public, forest preserve, etc.

13. A completed Closure Plan and Post-Closure Care Plan that includes cost estimates must be provided for the FOOD SCRAP COMPOSTING FACILITY.
14. An Illinois EPA permit showing conformance to all applicable regulations of Illinois Administrative Code Part 807 shall be presented to the Zoning Administrator prior to issuance of a COUNTY Zoning Use Permit.

b. CONSTRUCTION AND DEMOLITION DEBRIS RECYCLING FACILITY

1. The CONSTRUCTION AND DEMOLITION DEBRIS RECYCLING FACILITY (CDDR FACILITY) must be equipped with a fence of at least eight feet in height located to secure the operating areas of the CDDR FACILITY during non-operating hours as well as assist in minimizing the potential for litter to leave the CDDR FACILITY.
2. Minimum LOT AREA shall be five acres, and the minimum LOT width and maximum HEIGHT standards shall be the same as applicable zoning DISTRICT.
3. Required YARDS standards shall be the same as applicable zoning DISTRICT at a minimum and shall additionally comply with the separation distance standards indicated in Item 4.
4. A CDDR FACILITY must be located at least 500 feet from any residential zoning district unless otherwise expressly approved as part of the SPECIAL USE permit. Considerations for modifying the location standard may include the separation of the residentially zoned PROPERTY from the proposed site by a designated truck route, active rail line, high voltage power transmission easement or other clearly demarcated land-use planning transition boundary.
5. GENERAL CONSTRUCTION OR DEMOLITION DEBRIS receiving/tipping areas must be CONSTRUCTED of a low permeability material (e.g., Portland cement concrete, asphalt concrete) that prevents infiltration and is able to withstand anticipated loads.
6. All loads containing putrescible materials must be tipped, processed and stored indoors or under cover until sent offsite for reuse, recycling, or disposal. Wood may be stored outside if sorted within 72 hours of receipt and immediately processed.
7. Any leachate or runoff from waste/recyclable material must be contained onsite.
8. All state discharge permits, or other applicable permits must be acquired prior to commencing operations.

Proposed Omnibus Text Amendments for Material Management/Waste-Related Uses

9. All necessary permits must be acquired to store fuel or other regulated material onsite.
10. The SPECIAL USE Permit application must be accompanied by:
- a). A site plan and architectural drawing depicting BUILDING and STRUCTURE elevations and descriptions of such BUILDINGS and STRUCTURES necessary to convey the architectural appearance and physical magnitude of the proposed improvements;
 - b). A narrative description of the activities proposed to be conducted indoors or under cover within the CDDR FACILITY boundaries;
 - c). A narrative description of other proposed USES (such as, but not limited to truck storage, maintenance, fueling, and container STORAGE) and a demonstration that other such USES can be conducted in a safe and unobtrusive manner without interference with safe recycling activities on the site; and
 - d). A plan describing how incoming material will be handled (both under cover and outdoors), areas for sorting, processing, storing, baling and container STORAGE and all equipment that will be used.
 - e). A spill plan must be submitted for review and approval by the county as a condition of the SPECIAL USE Permit.
 - f). The site plan must include at least the following information:
 - i. A legal description of the subject property; access/egress point(s);
 - ii. Parking areas;
 - iii. Any BUILDINGS, STRUCTURES or fixed equipment;
 - iv. The extent of paved or impervious surfaces; material tipping/receiving areas;
 - v. Material processing areas;
 - vi. Areas of proposed material stockpiling (by material type);
 - vii. Material loading areas; and
 - viii. Fencing, berm or screening features.
11. The applicant must provide with a SPECIAL USE Permit application a proposed operating plan that contains at least all of the following information:
- a). Number of employees anticipated at the facility;
 - b). Proposed hours of operations for receipt of general construction or demolition debris and for processing and shipment of general construction or demolition debris;
 - c). Proposed daily average/maximum volume (in tons) of general construction or demolition debris to be received at the CDDR FACILITY. The minimum amount

Proposed Omnibus Text Amendments for Material Management/Waste-Related Uses

of recyclable material shipped offsite must be at least 75% of the total incoming material on a quarterly basis, or more frequently if applicable regulations are more stringent;

d) The types of material tracking methods and recordkeeping to be employed to demonstrate compliance with applicable recycling thresholds. Records must be kept in accordance with regulatory standards. A daily record of incoming/ outgoing material or waste must be kept and reported no less than quarterly to the Champaign County Recycling Coordinator or designee. All records must be maintained by the operator at the CDDR FACILITY for a period of at least three years or longer in the event of a dispute. The operator must allow reasonable access to inspect the CDDR FACILITY during operating hours for compliance with applicable approvals, permits and regulations;

e) The procedures by which all non-recyclable general construction or demolition debris will be removed and disposed within 72 hours of receipt. Describe the method and equipment used to load recyclable and non-recyclable general construction or demolition material prior to shipment from the CDDR FACILITY;

f) The end-use markets for separated general construction or demolition debris to demonstrate compliance with meeting applicable recycling thresholds;

g) A closure plan for the CDDR FACILITY;

h) The maximum number of vehicles (by vehicle type) proposed to utilize the CDDR FACILITY on a daily basis;

i) All processing equipment proposed to be utilized to prepare the recyclable general construction or demolition debris for stockpiling or shipment and the location and design of any noise-buffering elements, sheltering and operating controls to minimize noise impacts;

j) Operating methods employed to control odor, accidental combustion of materials, vectors, dust, and litter. Any and all air permits from the IEPA, USEPA, or other applicable regulatory authorities must be obtained as necessary;

k) The method and equipment utilized to load recyclable and non-recyclable general construction or demolition for shipment from the CDDR FACILITY; and

l) Typical and maximum anticipated height of stockpiled recyclable GENERAL CONSTRUCTION OR DEMOLITION DEBRIS for each recyclable material by type. Identification of the buffering and/or screening measures employed to minimize the visual impact of the proposed stockpiles from surrounding land USES.

12. The SPECIAL USE Permit will become effective upon receipt of a permit from the Illinois Environmental Protection Agency in accordance with Section 22.38 of the Illinois Environmental Protection Act ("The IEPA Act"). It must be a condition of the SPECIAL USE Permit that the CDDR FACILITY continues to

Proposed Omnibus Text Amendments for Material Management/Waste-Related Uses

operate in accordance with Section 22.38 of the IEPA Act and all other regulations and applicable permits.

c. COMPOSTABLE WASTE COLLECTION POINT

1. All provisions of Subsection (d-6) of Section 22.55 of the Illinois Environmental Protection Act shall be met (415 ILCS 5/22.55).

5) Remove Standard Conditions to Section 6.1.3 SCHEDULE OF STANDARD CONDITIONS FOR SPECIFIC TYPES OF SPECIAL USES

1. Remove the 'Public or Commercial SANITARY LANDFILL' standard conditions.

6) Amend Section 7.1.2 RURAL HOME OCCUPATION HOME Standards

1. Revise Item 3 under Paragraph J to provide that JUNK YARD or AUTOMOBILE SALVAGE are prohibited as STORAGE or OPERATIONS for a RURAL HOME OCCUPATION.

**PLANNING &
ZONING**

**Brookens Administrative
Center**

1776 E. Washington Street
Urbana, Illinois 61802

(217) 384-3708

zoningdept@co.champaign.il.us
www.co.champaign.il.us/zoning

To: Environment and Land Use Committee
From: Susan Monte, Planner & County Recycling Coordinator
Date: April 27, 2022
RE: Proposed Champaign County Solid Waste Management Plan 2022 Update
Request: Hold for 30-Day Public Review Period

Each county waste management plan must be updated and reviewed every five years, and any necessary or appropriate revisions submitted to the Illinois EPA for review and comment.

The County Recycling Coordinator will provide an overview of the Draft Champaign County Solid Waste Management Plan 2022 Update (Update) at the May ELUC meeting.

A digital copy of the Update will be provided for review a few days prior to the May 5 ELUC meeting,

Following the May ELUC meeting, a 30-day public review period of the Update is planned.

Champaign County
Department of

**PLANNING &
ZONING**

Brookens Administrative Center
1776 E. Washington Street
Urbana, Illinois 61802

(217) 384-3708
zoningdept@co.champaign.il.us
www.co.champaign.il.us/zoning

TO: Environment and Land Use Committee

FROM: John Hall, Zoning Administrator

DATE: April 25, 2022

RE: Zoning Case 030-AT-21 to amend the Champaign County Zoning Ordinance as follows:

- 1. Amend Section 3.0 Definitions by adding a definition for “DATA CENTER” and “PV SOLAR ARRAY.”**
- 2. Add new paragraph 4.2.1 C.6. that authorizes a PV SOLAR ARRAY as a County Board SPECIAL USE Permit in the AG-2 Agriculture Zoning District as a second PRINCIPAL USE on a LOT with another PRINCIPAL USE.**
- 3. Amend Section 5.2 Table of Authorized Principal Uses by adding DATA CENTER as a Special Use in the AG-2 Agriculture, B-4 General Business and I-1 Light Industry Zoning Districts, and by adding PV SOLAR ARRAY as a County Board Special Use Permit in the AG-2 Agriculture and all Business and Industrial Zoning Districts.**
- 4. Add footnote 31 to Section 5.2 Table of Authorized Principal Uses for classifying the requirements for PV SOLAR ARRAYS with an output of one megawatt or more as a County Board Special Use Permit and PV solar arrays with an output of less than one megawatt as an ACCESSORY PV SOLAR ARRAY.**
- 5. Add standard conditions to Section 6.1.3 Schedule of Standard Conditions for Specific Types of Special Uses as follows:**
 - A. The location of the DATA CENTER must be approved in writing by the relevant Fire Protection District.**
 - B. The petitioner shall provide the P&Z Department with a written explanation of security features for the DATA CENTER.**
 - C. DATA CENTERS constructed with PV SOLAR ARRAYS shall be located adjacent to the solar inverter and as far as possible from property lines and adjacent DWELLINGS consistent with good engineering practice.**
- 6. Add new Section 7.9 Accessory PV SOLAR ARRAY, with new requirements including but not limited to the following:**
 - A. A PV SOLAR ARRAY with an output of less than one megawatt shall be permitted as an ACCESSORY STRUCTURE subject to the following standards:**
 - 1. An accessory ground-mounted PV SOLAR ARRAY with less than one megawatt on contiguous lots under common ownership shall require compliance with minimum zoning requirements in Section 7.2 YARDS for**

**DETACHED ACCESSORY BUILDINGS and
STRUCTURES.**

- 2. For an accessory ground-mounted PV SOLAR ARRAY greater than 1,000 square feet in area, screening requirements shall apply per Sections 7.6.2 and 7.6.3.**
 - 3. No permit is required for roof-mounted PV SOLAR ARRAYS.**
 - 4. Loading berths and parking spaces are not required for accessory ground-mounted PV SOLAR ARRAYS**
-

STATUS

At the March 3, 2022 public hearing, the Zoning Board of Appeals voted 4-1 to forward Case 030-AT-21 with a RECOMMENDATION FOR APPROVAL..

No public input has been received since the ELUC meeting on April 7, 2022.

The City of Urbana Plan Commission met on March 24, 2022, followed by the City Council on April 11. The City Council voted not to protest the text amendment.

ATTACHMENTS

- A Legal advertisement
- B Draft Adopting Ordinance for Case 030-AT-21 with Attachment:
 - Exhibit A: Amendment for Case 030-AT-21

LEGAL PUBLICATION: WEDNESDAY, JANUARY 12, 2022

CASE: 030-AT-21

NOTICE OF PUBLIC HEARING IN REGARD TO AN AMENDMENT TO THE TEXT OF THE CHAMPAIGN COUNTY ZONING ORDINANCE

CASE 030-AT-21

The Champaign County Zoning Administrator, 1776 East Washington Street, Urbana, has filed a petition to amend the text of the Champaign County Zoning Ordinance. The petition is on file in the office of the Champaign County Department of Planning and Zoning, 1776 East Washington Street, Urbana, IL.

A public hearing will be held **Thursday, January 27, 2022 at 6:30 p.m.** prevailing time in the Shields-Carter Meeting Room, Brookens Administrative Center, 1776 East Washington Street, Urbana, IL, at which time and place the Champaign County Zoning Board of Appeals will consider a petition for the following:

Amend the Champaign County Zoning Ordinance as follows:

1. Amend Section 3.0 Definitions by adding a definition for “DATA CENTER” and “PV SOLAR ARRAY.”
2. Add new paragraph 4.2.1 C.6. that authorizes a PV SOLAR ARRAY as a County Board SPECIAL USE Permit in the AG-2 Agriculture Zoning District as a second PRINCIPAL USE on a LOT with another PRINCIPAL USE.
3. Amend Section 5.2 Table of Authorized Principal Uses by adding DATA CENTER as a Special Use in the AG-2 Agriculture, B-4 General Business and I-1 Light Industry Zoning Districts, and by adding PV SOLAR ARRAY as a County Board Special Use Permit in the AG-2 Agriculture and all Business and Industrial Zoning Districts.
4. Add footnote 31 to Section 5.2 Table of Authorized Principal Uses for classifying the requirements for PV SOLAR ARRAYS with an output of one megawatt or more as a County Board Special Use Permit and PV solar arrays with an output of less than one megawatt as an ACCESSORY PV SOLAR ARRAY.
5. Add standard conditions to Section 6.1.3 Schedule of Standard Conditions for Specific Types of Special Uses as follows:
 - A. The location of the DATA CENTER must be approved in writing by the relevant Fire Protection District.
 - B. The petitioner shall provide the P&Z Department with a written explanation of security features for the DATA CENTER.
 - C. DATA CENTERS constructed with PV SOLAR ARRAYS shall be located adjacent to the solar inverter and as far as possible from property lines and adjacent DWELLINGS consistent with good engineering practice.
6. Add new Section 7.9 Accessory PV SOLAR ARRAY, with new requirements including but not limited to the following:
 - A. A PV SOLAR ARRAY with an output of less than one megawatt shall be permitted as an ACCESSORY STRUCTURE subject to the following standards:
 1. An accessory ground-mounted PV SOLAR ARRAY with less than one megawatt on contiguous lots under common ownership shall require compliance with

minimum zoning requirements in Section 7.2 YARDS for DETACHED ACCESSORY BUILDINGS and STRUCTURES.

2. For an accessory ground-mounted PV SOLAR ARRAY greater than 1,000 square feet in area, screening requirements shall apply per Sections 7.6.2 and 7.6.3.
3. No permit is required for roof-mounted PV SOLAR ARRAYS.
4. Loading berths and parking spaces are not required for accessory ground-mounted PV SOLAR ARRAYS.

All persons interested are invited to attend said hearing and be heard. Please wear a mask. If you would like to submit comments or questions before the meeting, please call the P&Z Department at 217-384-3708 or email zoningdept@co.champaign.il.us no later than 4:30 pm the day of the meeting. The hearing may be continued and reconvened at a later time.

Ryan Elwell, Chair
Champaign County Zoning Board of Appeals

TO BE PUBLISHED: WEDNESDAY, JANUARY 12, 2022, ONLY

Send bill and one copy to: Champaign County Planning and Zoning Dept.
Brookens Administrative Center
1776 E. Washington Street
Urbana, IL 61802
Phone: 384-3708

Our News Gazette account number is 99225860.

ORDINANCE NO. 2022-____
ORDINANCE AMENDING ZONING ORDINANCE
ZONING CASE 030-AT-21

WHEREAS, the Champaign County Zoning Board of Appeals held a public hearing, made a formal recommendation for approval, and forwarded to this Board Case Number 030-AT-21;

WHEREAS, the Champaign County Board believes it is for the best interests of the County and for the public good and welfare to amend the Champaign County Zoning Ordinance in a manner hereinafter provided;

NOW, THEREFORE BE IT ORDAINED, by the Champaign County Board, Champaign County, Illinois, that Resolution No. 971, *The Zoning Ordinance of the County of Champaign, Illinois* be amended in the manner attached hereto.

PRESENTED, PASSED, APPROVED, AND RECORDED this 19th day of May, A.D. 2022.

Kyle Patterson, Chair
Champaign County Board

ATTEST:

Approved:

Aaron Ammons, County Clerk and
Ex-Officio Clerk of the County Board

Darlene A. Kloepfel, County Executive

Date:

ORDINANCE NO. ____

PAGE 2

EXHIBIT A

1. Add the following to Section 3. Definitions:

DATA CENTER: A centralized location where computing and networking equipment is concentrated for the purpose of collecting, storing, processing, distributing or allowing access to large amounts of data.

PV SOLAR ARRAY: a collection of multiple photovoltaic *solar panels* that convert sunlight to electricity as a system primarily to be used onsite.

2. Add new paragraph 4.2.1 C.6. as follows:

4.2.1 CONSTRUCTION and USE

C. It shall be unlawful to erect or establish more than one MAIN or PRINCIPAL STRUCTURE or BUILDING per LOT or more than one PRINCIPAL USE per LOT in the AG-1, Agriculture, AG-2, Agriculture, CR, Conservation-Recreation, R-1, Single Family Residence, R-2, Single Family Residence, and R-3, Two Family Residence DISTRICTS other than in PLANNED UNIT DEVELOPMENTS except as follows:

6. A PV SOLAR ARRAY may be authorized as a County Board SPECIAL USE Permit in the AG-2 Agriculture Zoning District as a second PRINCIPAL USE on a LOT with another PRINCIPAL USE.”

3. Amend Section 5.2 as follows:

SECTION 5.2 TABLE OF AUTHORIZED PRINCIPAL USES

- DATA CENTER would be a new land use allowed by Special Use Permit in the AG-2 Agriculture, B-4 General Business and I-1 Light Industry Zoning Districts, as shown in the table below.
- PV SOLAR ARRAY would be allowed by a COUNTY BOARD Special Use Permit in the AG-2 Agriculture and all Business and Industrial Zoning Districts with this amendment, as shown in the table below.

Principal USES	Zoning DISTRICTS														
	CR	AG-1	AG-2	R-1	R-2	R-3	R-4	R-5	B-1	B-2	B-3	B-4	B-5	I-1	I-2
DATA CENTER			S									S		S	
PV SOLAR ARRAY ³¹			B						B	B	B	B	B	B	B

S = Permitted by Special Use Permit

B = Permitted by COUNTY BOARD Special Use Permit

4. Add new Footnote 31 under Section 5.2 as follows:

- 31. A PV SOLAR ARRAY with one megawatt or more is permitted by a COUNTY BOARD Special Use Permit, subject to the requirements of Sections 6.1.1 and 6.1.5 of the Zoning Ordinance and shall also be a second PRINCIPAL USE requiring a Special Use Permit per Section 4.2.1 F. A PV SOLAR ARRAY with less than one megawatt is permitted under the terms of Section 7.9 ACCESSORY PV SOLAR ARRAY.

5. Add to Section 6.1.3 as follows:

SECTION 6.1.3 SCHEDULE OF STANDARD CONDITIONS FOR SPECIFIC TYPES OF SPECIAL USES

SPECIAL USES or USE Categories	Minimum Fencing Required ⁶	Minimum LOT Size		Maximum HEIGHT		Required YARDS (feet)					Explanatory or Special Provisions
		AREA (Acres)	Width (feet)	Feet	Stories	Front Setback from STREET Centerline ²			SIDE	REAR	
						STREET Classification					
					MAJOR	COLLECTOR	MINOR				
DATA CENTER	NR	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	*See below
	1. The location of the DATA CENTER must be approved in writing by the relevant Fire Protection District. 2. The petitioner shall provide the P&Z Department with a written explanation of security features for the DATA CENTER. 3. DATA CENTERS constructed with PV SOLAR ARRAYS shall be located adjacent to the solar inverter and as far as possible from property lines and adjacent DWELLINGS consistent with good engineering practice. 4. Noise levels from any DATA CENTER shall be in compliance with the applicable Illinois Pollution Control Board (IPCB) regulations (35 Illinois Administrative Code, Subtitle H: Noise, Parts 900, 901, 910). A. Any applicant located within 1,500 feet of a DWELLING shall submit a noise analysis by a qualified professional that demonstrates compliance with the IPCB noise regulations similar to the requirements of Section 6.1.5I.(3). The analysis shall include manufacturer's sound power level characteristics and other relevant data regarding noise characteristics of proposed DATA CENTER equipment. B. Enforcement shall follow protocols established in Section 6.1.5 I.(4) of the Zoning Ordinance.										
PV SOLAR ARRAY	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	*See below
	1. The following requirements are in lieu of the requirements of Section 6.1.5B.(3): A. The utility interconnection application must be applied for with the relevant utility and documentation provided at the time of Special Use Permit application. B. Documentation must be provided that the utility has accepted the application for the PV SOLAR ARRAY prior to issuance of the Zoning Compliance Certificate.										
Footnotes											
1. Standard same as applicable zoning DISTRICT.											

6. Add new Section 7.9 ACCESSORY PV SOLAR ARRAY as follows:

- A. A PV SOLAR ARRAY with an output of less than one megawatt shall be permitted as an ACCESSORY STRUCTURE subject to the following standards:
 - 1. An accessory ground-mounted PV SOLAR ARRAY with less than one megawatt on contiguous lots under common ownership shall require compliance with minimum zoning requirements in Section 7.2 YARDS for DETACHED ACCESSORY BUILDINGS and STRUCTURES.

ORDINANCE NO. ____

PAGE 4

2. For an accessory ground-mounted PV SOLAR ARRAY greater than 1,000 square feet in area, screening requirements shall apply per Sections 7.6.2 and 7.6.3.
3. No permit is required for roof-mounted PV SOLAR ARRAYS.
4. Loading berths and parking spaces are not required for accessory ground-mounted PV SOLAR ARRAYS.

Champaign County
Department of

**PLANNING &
ZONING**

TO: **Environment and Land Use Committee**

FROM: **John Hall, Zoning Administrator**

DATE: **April 25, 2022**

RE: **Zoning Case 040-AT-22 to amend the Champaign County Zoning Ordinance as follows:**

Brookens Administrative Center
1776 E. Washington Street
Urbana, Illinois 61802

(217) 384-3708
zoningdept@co.champaign.il.us
www.co.champaign.il.us/zoning

Add new paragraph 4.2.1 C.7. to provide that a private or commercial transmission and receiving tower (including antenna) over 100 feet in height may be authorized as a SPECIAL USE Permit in the AG-1 and AG-2 Agriculture Districts as a second PRINCIPAL USE on a LOT with an Electrical Substation.

STATUS

At the March 17, 2022 public hearing, the Zoning Board of Appeals voted 5-0 to forward Case 040-AT-22 with a RECOMMENDATION FOR APPROVAL.

No public input has been received since the ELUC meeting on April 7, 2022.

The City of Urbana Plan Commission met on April 21, 2022, and City Council will meet on May 9, 2022. Urbana planning staff does not expect a protest from the City Council, but will forward any comments from those meetings prior to the Champaign County Board meeting on May 19th.

ATTACHMENTS

- A Legal advertisement
- B Draft Adopting Ordinance for Case 040-AT-22 with Attachment:
 - Exhibit A: Amendment for Case 040-AT-22

LEGAL PUBLICATION: WEDNESDAY, MARCH 2, 2022

CASE: 040-AT-22

NOTICE OF PUBLIC HEARING IN REGARD TO AN AMENDMENT TO THE TEXT OF THE CHAMPAIGN COUNTY ZONING ORDINANCE

CASE 040-AT-22

The Champaign County Zoning Administrator, 1776 East Washington Street, Urbana, has filed a petition to amend the text of the Champaign County Zoning Ordinance. The petition is on file in the office of the Champaign County Department of Planning and Zoning, 1776 East Washington Street, Urbana, IL.

A public hearing will be held **Thursday, March 17, 2022 at 6:30 p.m.** prevailing time in the Shields-Carter Meeting Room, Brookens Administrative Center, 1776 East Washington Street, Urbana, IL, at which time and place the Champaign County Zoning Board of Appeals will consider a petition for the following:

Amend the Champaign County Zoning Ordinance as follows:

Add new paragraph 4.2.1 C.7. to provide that a private or commercial transmission and receiving tower (including antenna) over 100 feet in height may be authorized as a SPECIAL USE Permit in the AG-1 and AG-2 Agriculture Districts as a second PRINCIPAL USE on a LOT with an Electrical Substation.

All persons interested are invited to attend said hearing and be heard. If you would like to submit comments or questions before the meeting, please call the P&Z Department at 217-384-3708 or email zoningdept@co.champaign.il.us no later than 4:30 pm the day of the meeting. The hearing may be continued and reconvened at a later time.

Ryan Elwell, Chair
Champaign County Zoning Board of Appeals

TO BE PUBLISHED: WEDNESDAY, MARCH 2, 2022, ONLY

Send bill and one copy to: Champaign County Planning and Zoning Dept.
Brookens Administrative Center
1776 E. Washington Street
Urbana, IL 61802
Phone: 384-3708

Our News Gazette account number is 99225860.

ORDINANCE NO. 2022-____
ORDINANCE AMENDING ZONING ORDINANCE
ZONING CASE 040-AT-22

WHEREAS, the Champaign County Zoning Board of Appeals held a public hearing, made a formal recommendation for approval, and forwarded to this Board Case Number 040-AT-22;

WHEREAS, the Champaign County Board believes it is for the best interests of the County and for the public good and welfare to amend the Champaign County Zoning Ordinance in a manner hereinafter provided;

NOW, THEREFORE BE IT ORDAINED, by the Champaign County Board, Champaign County, Illinois, that Resolution No. 971, *The Zoning Ordinance of the County of Champaign, Illinois* be amended in the manner attached hereto.

PRESENTED, PASSED, APPROVED, AND RECORDED this 19th day of May, A.D. 2022.

Kyle Patterson, Chair
Champaign County Board

ATTEST:

Approved:

Aaron Ammons, County Clerk and
Ex-Officio Clerk of the County Board

Darlene A. Kloepfel, County Executive

Date:

ORDINANCE NO. ____

PAGE 2

EXHIBIT A

4.2.1 CONSTRUCTION and USE

C. It shall be unlawful to erect or establish more than one MAIN or PRINCIPAL STRUCTURE or BUILDING per LOT or more than one PRINCIPAL USE per LOT in the AG-1, Agriculture, AG-2, Agriculture, CR, Conservation-Recreation, R-1, Single Family Residence, R-2, Single Family Residence, and R-3, Two Family Residence DISTRICTS other than in PLANNED UNIT DEVELOPMENTS except as follows:

7. A private or commercial transmission and receiving tower (including antenna) over 100 feet in height may be authorized as a SPECIAL USE Permit in the AG-1 and AG-2 Agriculture Districts as a second PRINCIPAL USE on a LOT with an Electrical Substation.



Illinois Environmental Protection Agency

Bureau of Water • 1021 N. Grand Avenue E. • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

for NPDES Permit for Storm Water Discharges from Separate Storm Sewer Systems (MS4)

This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Compliance Assurance Section at the above address. Complete each section of this report.

Report Period: From March, 31, 2021 To March, 31, 2022

Permit No. ILR40 00256

MS4 OPERATOR INFORMATION: (As it appears on the current permit)

Name: County of Champaign, Illinois Mailing Address 1: Brookens Administrative Center
Mailing Address 2: 1776 East Washington County: Champaign
City: Urbana State: IL Zip: 61802 Telephone: 217 384 3708
Contact Person: John Hall, Director of Planning & Zoning Email Address: jhall@co.champaign.il.us
(Person responsible for Annual Report)

Name(s) of governmental entity(ies) in which MS4 is located: (As it appears on the current permit)

Champaign County, Illinois

THE FOLLOWING ITEMS MUST BE ADDRESSED.

A. Changes to best management practices (check appropriate BMP change(s) and attach information regarding change(s) to BMP and measurable goals.)

- | | | | |
|--|--------------------------|---|--------------------------|
| 1. Public Education and Outreach | <input type="checkbox"/> | 4. Construction Site Runoff Control | <input type="checkbox"/> |
| 2. Public Participation/Involvement | <input type="checkbox"/> | 5. Post-Construction Runoff Control | <input type="checkbox"/> |
| 3. Illicit Discharge Detection & Elimination | <input type="checkbox"/> | 6. Pollution Prevention/Good Housekeeping | <input type="checkbox"/> |

B. Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures.

C. Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.

D. Attach a summary of the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule.)

E. Attach notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).

F. Attach a list of construction projects that your entity has paid for during the reporting period.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Owner Signature:
Darlene Kloepfel

Printed Name:

Date:
Champaign County Executive

Title:

EMAIL COMPLETED FORM TO: epa.ms4annualinsp@illinois.gov

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL
COMPLIANCE ASSURANCE SECTION #19
1021 NORTH GRAND AVENUE EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

IL 532 2585
WPC 691 Rev 6/10
This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42) and may also prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
ANNUAL FACILITY INSPECTION REPORT
April 1, 2022
N.P.D.E.S. PHASE II PERMIT FOR STORMWATER DISCHARGES
from
MUNICIPAL SEPARATE STORM SEWER SYSTEMS

**Champaign County, Illinois
NPDES Permit No. ILR40 00256**

REPORTING PERIOD:

Year 3 is April 1, 2021 through March 31, 2022

MS4 OPERATOR INFORMATION:

County of Champaign, Illinois
Brookens Administrative Center
1776 East Washington Street
Urbana, IL, 61802
Contact person: John Hall, Director of Planning and Zoning

GOVERNMENTAL ENTITY IN WHICH MS4 IS LOCATED:

Champaign County, Illinois

INTRODUCTION

Champaign County was identified as a small Municipal Separate Storm Sewer System (MS4) in March 2003 as part of the expanded Phase II of the National Pollutant Discharge Elimination System (NPDES) Storm Water Program.

Mandated by Congress under the Clean Water Act, the NPDES Storm Water Program is a comprehensive two-phased national program for addressing the non-agricultural sources of storm water discharges which adversely affect the quality of our nation's waters. The Clean Water Act prohibits anybody from discharging pollutants through a point source into a water of the United States unless they have an NPDES permit. A point source is any discernible, confined and discrete conveyance, such as a pipe, ditch, channel, or container.

Phase II required small MS4s in urbanized areas to obtain NPDES permits and implement six minimum control measures by using selected best management practices (BMPs).

Urbanized areas are delineated by the Census Bureau and are defined as a central place or places and the adjacent densely settled surrounding area, that together have a residential population of at least 50,000 people and an overall population density of at least 500 people per square mile. About 47 square miles (about 4.7%) of the approximately 1,000 square miles that make up Champaign County are included in the urbanized area (see the attached map).

Champaign County is not a municipality but the regulatory definition of MS4 also includes any County owned roads with a drainage system. County Highway roadside ditches are currently the only point source discharges in the urbanized area maintained by Champaign County.

Champaign County, Illinois
MS4 ANNUAL FACILITY INSPECTION REPORT
REPORTING PERIOD YEAR 3 (4/1/21 – 3/31/22) APRIL 1, 2022

Champaign County must maintain compliance with the MS4 requirements of the NPDES Storm Water Program. MS4 compliance requires that an updated Notice of Intent (NOI) be on file at all times with the Illinois Environmental Protection Agency (IEPA). The NOI must explain which best management practices Champaign County will use to implement the six required minimum control measures. The six required minimum control measures are the following:

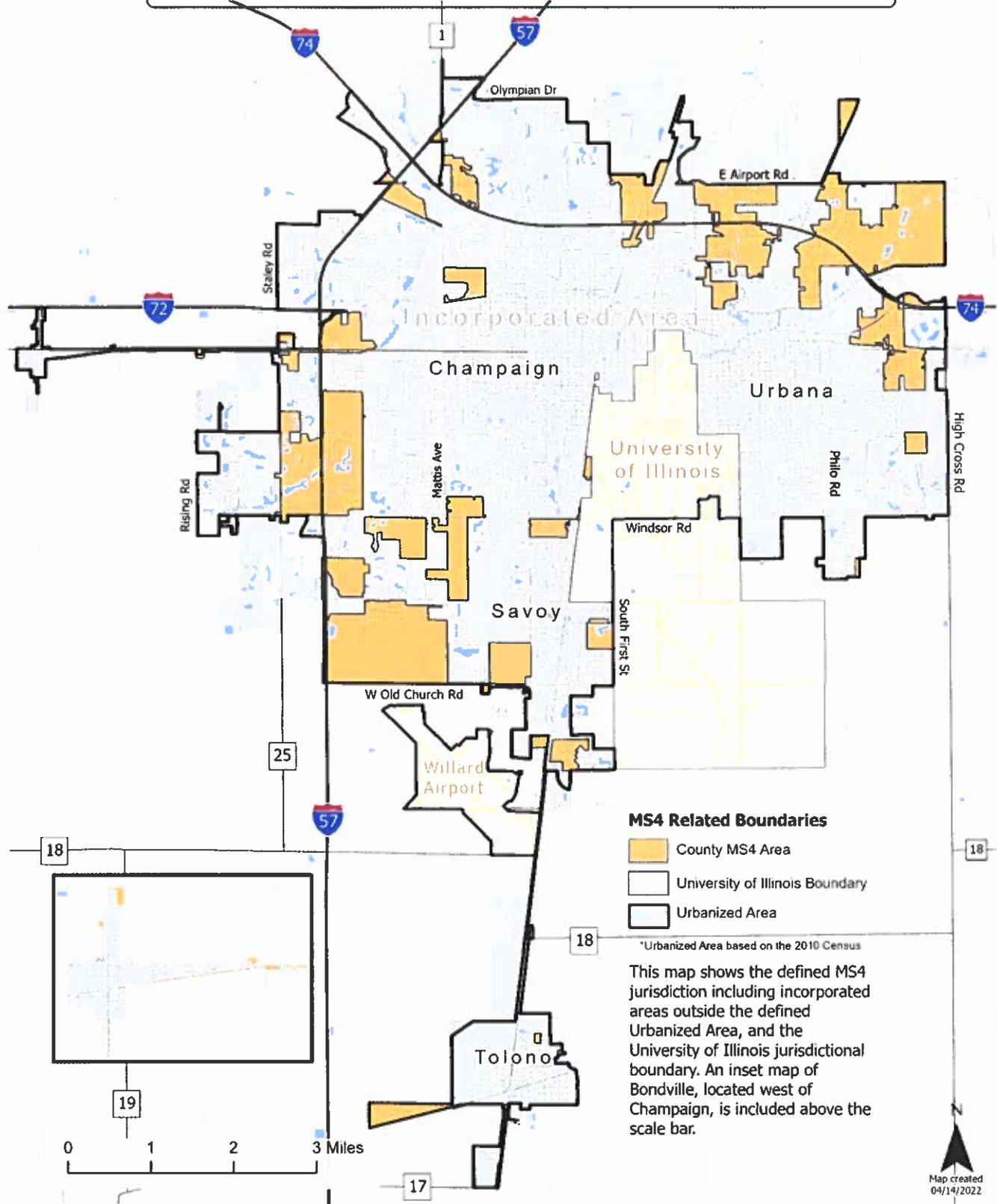
- **Public Education and Outreach.** Selected BMPs should educate the public on the various ways to reduce storm water pollution.
- **Public Participation and Involvement.** Selected BMPs should involve the public in developing, implementing, and reviewing MS4 best management practices.
- **Illicit Discharge Detection and Elimination.** Selected BMPs should identify improper discharges and spills to drainage systems and include enforcement mechanisms.
- **Construction Site Runoff Control.** Selected BMPs should enable construction site operators (builders and MS4s) to manage storm water runoff to reduce pollution.
- **Post-Construction Runoff Control.** Selected BMPs should enable property owners (developers and MS4s) to manage storm water runoff to reduce pollution from a site after construction activities have ended.
- **Pollution Prevention and Good Housekeeping.** Selected BMPs should enable the MS4 entity to minimize pollution from its own property and facilities by reducing pollution from streets, parking lots, open spaces and storage and vehicle maintenance areas and is discharged into local waterways or that results poor maintenance of storm sewer systems.

Champaign County has worked in cooperation with the other MS4s in the Champaign County Urbanized Area to share costs and expertise and common efforts to develop a regional consistency towards fulfilling the NPDES Phase II MS4 requirements.

Champaign County has sought to develop a plan suited to the MS4 requirements but also tailored to the abilities of an Illinois county. The NPDES Phase II MS4 requirements were included as a formal County land use policy in the Champaign County Land Resource Management Plan that was adopted in April 2010.

Champaign County filed a fourth NOI with IEPA to include the five-year period of April 1, 2019, to March 31, 2024. This document serves as the annual report for Year 3 activities.

Champaign County MS4 Jurisdiction



B.M.P. MONITORING AND ASSESSMENT PROGRAM

Effective 3/1/16, each Small MS4 is required to implement a monitoring and assessment program to evaluate the effectiveness of selected best management practices (BMPs) at reducing pollutant loadings and water quality impacts. The monitoring and assessment program may include evaluation of BMPs and/or direct water quality monitoring, at the discretion of each Small MS4, but the program should be tailored to the size and characteristics of the Small MS4 and the relevant watersheds.

Outfall/Discharge Monitoring and Physical Stream Assessment

The Champaign County Unincorporated MS4 will collaborate with the municipal MS4 jurisdictions in Champaign County in developing a monitoring and assessment program for the Champaign County Unincorporated MS4 that matches as closely as possible the municipal MS4 monitoring and assessment programs. Municipal MS4 agencies in the Champaign-Urbana Urbanized Area rely on a combination of outfall/discharge monitoring and assessment of physical/habitat characteristics such as stream bank erosion caused by storm water discharges.

Methods and practices used for the Champaign County Unincorporated MS4 Monitoring and Assessment program will be based on municipal MS4 practices and methods as much as possible and will be supplemented as necessary by practices described in the following documents:

- *Illicit Discharge Detection and Elimination A Guidance Manual for Program Development and Technical Assessments*, published by the Center for Watershed Protection and Robert Pitt, University of Alabama, October 2004.
- *UNIFIED STREAM ASSESSMENT: A USER'S MANUAL Version 2.0, Urban Subwatershed Restoration Manual No. 10*, published by the Center for Watershed Protection, February 2005.
- *Stream Visual Assessment Protocol*, published by the United States Department of Agriculture Natural Resources Conservation Service National Water and Climate Center, Technical Note 99-1, December 1998.

Justification

The unincorporated Champaign County MS4 Area is highly interconnected with the municipal MS4 Area and using the same (or nearly the same) monitoring and assessment (M&A) methods to evaluate the effectiveness of storm water best management practices (BMPs) in the unincorporated MS4 Area may help minimize the overall costs of implementing and conducting the M&A program in the unincorporated MS4 Area; and should eliminate confusion that could otherwise result if a different approach were used than is used in the municipal MS4s; and may provide a more accurate overall understanding of the effectiveness of BMPS for the entire Champaign County urbanized area.

The *Unified Stream Assessment (USA)* is a continuous stream walk method that systematically evaluates stream conditions and that can be applied to both rural and urban streams. Staff can perform the USA with relatively minimal training. USA protocols should be adapted to meet agency needs and skills and to address regional stream conditions.

The USA includes specific protocols and model forms for documenting the assessments of Storm Water Outfalls and Severe Bank Erosion. The USA assessment for Storm Water Outfalls is very similar to the Outfall Reconnaissance Inventory (ORI) used in *Illicit Discharge Detection and Elimination*. Including ORI methods in

the USA Storm Water Outfall assessments can improve the overall assessment of storm water outfalls and discharges.

Severe bank erosion caused by storm water discharges can be accurately identified only after identifying the average erosion condition for a particular stream reach. The USA includes a Reach Level Assessment to characterize overall conditions within each reach of the stream. Guidance is included in the USA assessment of Severe Bank Erosion to help identify locations with more severe erosion. The *Stream Visual Assessment Protocol* (SVAP) also provides useful additional guidance for making the assessment of Severe Bank Erosion.

The USA protocols assume identification of uniform stream reaches. Stream reaches will be identified and mapped prior to actual field investigations. During the field investigation the various stream reaches will be identified using GIS locators. Standard worksheets will be completed for each reach for the entire length of stream in the MS4 Area. Streams (miles) to be assessed are as follows:

- Vermilion Watershed:
 - Saline Branch Drainage Ditch (3.2 miles)
- Upper Kaskaskia Watershed:
 - Copper Slough (1.6 miles)
 - Phinney Branch (1.1 miles)
- Upper Embarras Watershed
 - an unnamed tributary near Lake Park (.6 mile).

Gaining access to streams in the unincorporated MS4 Area will be a significant challenge because all the streams are on private property.

Annual monitoring is planned to occur during August through October. Annual monitoring will note the conditions for the current year and identify changes from previous years. The results will be reported in the Annual Update.

Follow up investigations may be necessary based on observed changes.

Outfalls were identified per the IEPA 4/22/16 Acceptance of Response to Noncompliance Advisory Letter.

SELF-ASSESSMENT OF PERMIT COMPLIANCE

Tables 1 through 6 summarize Champaign County Unincorporated MS4 Storm Water Program activities from April 1, 2021 through March 31, 2022. Table 7 identifies BMPs that were started and still in progress and Table 8 identifies BMPs still pending.

Table 1: Public Education and Outreach Activities 4/1/21 – 3/31/22

BMP ID	Activities
A.1.1. - Flyers and information sheets at permit counter.	Handouts are displayed and available at Planning and Zoning permit counter.
A.2.1. - Inform business groups about MS4, NPDES, and BMPs.	No requests for presentations about MS4, NPDES and BMPs were made from business groups.
A.2.2. - Inform developer, contractor, engineering, and architecture groups about MS4, NPDES, and BMPs.	No requests for presentations about MS4, NPDES and BMPs were made from business groups.
A.2.3. - Inform environmental groups about MS4, NPDES, and BMPs.	No requests for presentations about MS4, NPDES and BMPs were made from environmental groups.
A.6.1. - Educational and informational material on web page.	The MS4 Annual Facility Inspection Report was posted to the County website and to the collaborative MS4 website the Champaign County Stormwater Partnership (www.ccestormwater.org).

Champaign County, Illinois
MS4 ANNUAL FACILITY INSPECTION REPORT
 REPORTING PERIOD YEAR 3 (4/1/21 – 3/31/22) APRIL 1, 2022

Table 2: Public Participation and Involvement Activities 4/1/21 – 3/31/22

BMP ID	Activities
B.4.1. - Comply with applicable state and local public notice requirements.	All public hearings and meetings are noticed as required by state law and local ordinances and policies.
B.6.1. - Intergovernmental Storm Water Management group meetings (coordination meeting for all Champaign County MS4 jurisdictions).	During the program year County staff attended and participated in meetings with other MS4 jurisdictions on 4/13/21; 6/8/21; 7/13/21; 8/10/21; 9/14/21; 10/12/21; 12/14/21; 3/8/22.
B.6.2. - Prepare a storm water survey that can be used annually to capture public comment on the MS4 Storm Water Program.	The MS4 Storm Water Survey is on the County website at https://docs.google.com/forms/d/e/1FAIpQLSd5hbzMASGpKgPWU3kr8gmQJ-w0ZorXoCFWUddjbMy18P3Mg/viewform?c=0&w=1
B.6.3. - Hold Annual Public Storm Water Meeting at the Champaign County Board's Environment and Land Use Committee (ELUC) Meeting to receive public comments regarding the Champaign County Unincorporated MS4 Area Storm Water Program.	There was no Annual Public Storm Water Meeting at the Champaign County Board's Environment and Land Use Committee (ELUC) in 2021 due to the inconvenience of holding meeting remotely due to the COVID pandemic.
B.6.4. - Identify Environmental Justice areas within the Unincorporated Champaign County MS4 Area and provide appropriate public participation.	The Environmental Justice Areas for 2022 are not yet identified.
B.7.1. – Fund aspects of NPDES MS4 implementation in the County's Land Resource Management Plan implementation budget including public involvement when appropriate.	Funding for MS4 projects were included in the Work Plan for 2022.

Table 3: Illicit Discharge Detection and Elimination Activities 4/1/21 – 3/31/22

BMP ID	Activities
C.1.1. - Map drainage system outfalls into streams and rivers.	The up to date storm sewer system map for the unincorporated Champaign County MS4 Area is mapped to 100% completion including the storm sewer system map for County Highways outside the MS4 Area.
C.3.1. - Establish and maintain citizen complaint phone line for illegal dumping and illicit discharges into drainage systems.	The Department of Planning and Zoning phone line is maintained for citizen complaints regarding illegal dumping and illicit discharges.
C.3.2. - Establish citizen complaint phone line for non-complying and/or non-functioning private sewage treatment systems.	The Department of Planning and Zoning phone line is maintained for citizen complaints regarding non-complying and/or non-functioning private sewage treatment systems.
C.6.1. - Annual Report to the Environment and Land Use Committee (ELUC) of the Champaign County Board.	The MS4 Annual Report was prepared and presented to the Environment and Land Use Committee (ELUC) on May 6, 2021. and approved by the Champaign County Board on May 20, 2021.

Champaign County, Illinois
MS4 ANNUAL FACILITY INSPECTION REPORT
 REPORTING PERIOD YEAR 3 (4/1/21 – 3/31/22) APRIL 1, 2022

Table 4: Construction Site Runoff Control Activities 4/1/21 – 3/31/22

BMP ID	Activities
D.1.1. - Soil erosion and sediment control regulations.	Soil erosion and sediment control regulations in the Champaign County Storm Water Management and Erosion Control Ordinance were enforced for all Land Disturbance Erosion Control (LDEC) Permits.
D.2.1. - Erosion and sediment control BMPs.	All Land Disturbance Erosion Control (LDEC) Permits were reviewed for use of appropriate BMPs.
D.4.1. - Develop processes and procedures to evaluate proposed construction site runoff mechanisms.	Procedures to evaluate proposed construction site runoff mechanisms are refined in the review of LDEC Permits.
D.4.2. - Training class or workshop for evaluating and inspecting construction site runoff control mechanisms.	No training occurred in Year 3.
D.6.1. - Develop procedures and processes to inspect construction sites for compliance with construction site runoff mechanisms.	Procedures were refined as more experience was gained in the review of LDEC Permits.

Table 5: Post-Construction Runoff Control Activities 4/1/21 – 3/31/22

BMP ID	Activities
E.3.3. - Provide annual training in green infrastructure and/or low impact design techniques for all MS4 employees who manage or are directly involved in (or who retain others who manage or are directly involved in) the routine maintenance, repair, or replacement of public exterior surfaces. Require that contractors who are retained to manage or carry out the kinds of maintenance and relevant contractor employees also have annual training.	Staff from the Champaign County Highway Department and the Planning and Zoning Department attended the Illinois Green Infrastructure & Erosion Control Conference via Zoom on 10/20/21.
E.4.1. - Training class or workshop for evaluating and inspecting construction site runoff control mechanisms (post-construction).	No training occurred in Year 3.

Table 6: Pollution Prevention / Good Housekeeping Activities 4/1/21 – 3/31/22

BMP ID	Activities
F.1.2. - Spill Response Protocol.	<p>The Champaign County Emergency Management Agency (CEEMA) conducted or participated in the following training in the program year:</p> <ul style="list-style-type: none"> ● November 2, 2021, Annual hazmat exercise with University of Illinois Abbott Power Plant and Champaign Fire Department; ● January 27, 2021, attended the annual pipeline awareness training; ● July 22, 2021, hosted the International Association of Fire Chief's (IAFC) Community Safety Grant's Whole Community Planning for Disasters training course; ● March 22, 2022, hosted Canadian National Railroad's First Responder Hazmat Training.
F.1.3. - Hazardous material and storage management training.	All relevant hazardous materials storage and handling reviewed with Facilities Director.

Champaign County, Illinois
MS4 ANNUAL FACILITY INSPECTION REPORT
 REPORTING PERIOD YEAR 3 (4/1/21 – 3/31/22) APRIL 1, 2022

Table 7: BMPs in Progress

BMP ID	Status
C.2.1. - Prohibit illegal dumping and illicit discharges into drainage system through Nuisance Ordinance.	Preliminary Ordinance language has been drafted regarding illegal dumping and illicit discharges into drainage systems but was not adopted in the program year.
C.3.3. - Create a database of existing private sewage treatment systems and develop management plan to bring non-compliant systems into compliance.	Records of private sewage treatment systems obtained from Public Health Department; GIS database is under development.
D.3.1. - Prohibit illegal dumping and illicit discharges into storm drainage system from construction activities.	The Storm Water Management and Erosion Control Ordinance includes a prohibition of illegal dumping and illicit discharges from construction activities. Preliminary Nuisance Ordinance language has been drafted regarding illegal dumping and illicit discharges into drainage systems but has not yet been adopted.
E.3.1. - Develop procedures to ensure that storm water management facilities are maintained to function as designed (post-construction).	The Storm Water Management and Erosion Control Ordinance requires ongoing maintenance of storm water management facilities.
E.5.1. - Develop procedures and processes to inspect construction sites for compliance with post-construction runoff control mechanisms.	The Storm Water Management and Erosion Control Ordinance requires “as-built” documentation.

Table 8: BMPs Pending

BMP ID	Explanation of Pending Status
E.1.1. - Implement a public education program about the benefits of green infrastructure and green housekeeping in minimizing the volume of storm water runoff and pollutants from privately-owned developed property.	The BMP was not completed in the program year.
E.1.2. - Implement a public education program about the water quality impacts of overuse of fertilizers and pesticides in non-agricultural uses.	The BMP was not completed in the program year.
E.2.1. - Require annual inspections of publicly owned storm water management facilities (post-construction).	Expected to be included in the SWPPP that was supposed to be completed in 2021 but has not yet been completed.
F.1.1. - Spill prevention protocol.	Undetermined due to lack of coordination within County Departments. Expected to be established with the development of the SWPPP.
F.2.1. - Prepare a Storm Water Pollution Prevention Plan (SWPPP) for County owned facilities.	Expected to be included in the SWPPP that was supposed to be completed in 2021 but has not yet been completed.

CHANGES TO BEST MANAGEMENT PRACTICES

Attachment A summarizes that there were no proposed changes to the BMPs during the reporting year.

STATUS OF COMPLIANCE

Attachment B reviews the status of compliance for all BMPs.

INFORMATION COLLECTED AND ANALYZED IN YEAR 3

Attachment C summarizes that there were no observations or reports made or received during the reporting year.

STORMWATER PROGRAM ACTIVITIES PROPOSED FOR NEXT PROGRAM YEAR APRIL 1, 2022 – MARCH 31, 2023

The activities proposed for next Program Year April 1, 2022 – March 31, 2023, are summarized in Attachment D.

RELIANCE ON OTHER GOVERNMENTAL ENTITY

Champaign County does and will continue to participate in and share resources with the Cooperative MS4 Group; however, it does not rely on another governmental entity to satisfy its permit obligations.

YEAR 3 CONSTRUCTION PROJECTS

Champaign County construction projects may be authorized under the Facilities Department or the Highway Department.

Projects and details of Highway Construction Projects in the program year are provided in Table 9.

There were not land disturbing construction projects by the Facilities Department in the program year.

ATTACHMENTS

- A Changes to Best Management Practices
- B Status of Compliance with N.P.D.E.S. Permit Conditions for Year 2
- C Information Collected for Year 2
- D Proposed NPDES Permit Activities for next Program Year April 1, 2022 - March 31, 2023
- E Champaign County Unincorporated MS4 Area Storm Water Survey Results April 2021
- F Champaign County Unincorporated MS4 Area Environmental Justice Areas January 1, 2020

Champaign County, Illinois
MS4 ANNUAL FACILITY INSPECTION REPORT
REPORTING PERIOD YEAR 3 (4/1/21 – 3/31/22) APRIL 1, 2022

Table 9: Highway Construction Projects from April 1, 2021 through March 31, 2022

Section Number	Road District	Project Type	Area of Disturbance	Status
18-15063-00-BR	Mahomet Township	Bridge Replacement	<1 acre	Expected completion in 2020
18-00451-00-SP	Champaign County C.H.15	Resurfacing Pavement	<1 acre	Expected completion in 2021
20-06095-00-BR	Compromise Township	Bridge Replacement	<1 acre	Expected completion in 2021 (Completed)
20-10097-00-BR	East Bend Township	Culvert Replacement	<1 acre	Expected completion in 2021 (Completed)
20-16098-00-BR	Newcomb Township	Culvert Replacement	<1 acre	Expected completion in 2022
20-17099-00-BR	Ogden Township	Culvert Replacement	<1 acre	Expected completion in 2021 (Completed)
20-00102-00-BR	Champaign County	Bridge Rehab	<1 acre	Expected completion in 2022
20-12104-00-BR	Hensley Township	Culvert Replacement	<1 acre	Expected completion in 2022
20-08105-00-BR	Crittenden Township	Culvert Replacement	<1 acre	Expected completion in 2021 (Completed)
21-22106-00-BR	Sadorus Township	Bridge Repair	<1 acre	Expected completion in 2021 (Completed)
21-22107-00-BR	Sadorus Township	Bridge Repair	<1 acre	Expected completion in 2021 (Completed)
21-11108-00-BR	Harwood Township	Culvert Replacement	<1 acre	Expected completion in 2021 (Completed)
21-25109-00-BR	Somer Township	Culvert Replacement	<1 acre	Expected completion in 2022
21-18110-00-BR	Village of Pesotum	Bridge Replacement	<1 acre	Expected completion in 2023/2024
19-00452-00-SP	Somer Township	RR Xing Rehab	<1 acre	Expected completion in 2022
20-00453-00-RS	Champaign County	Resurfacing/Widening	<1 acre	Expected completion in 2022
20-00455-00-RS	Champaign County	Resurfacing/Widening	<1 acre	Expected completion in 2022
21-20111-00-BR	Rantoul Township	Culvert Replacement	<1 acre	Expected completion in 2021 (Completed)
21-07112-00-BR	Condit Township	Culvert Replacement	<1 acre	Expected completion in 2022
21-07113-00-BR	Condit Township	Culvert Replacement	<1 acre	Expected completion in 2022
21-24114-00-BR	Stanton Township	Culvert Replacement	<1 acre	Expected completion in 2022
21-29115-00-BR	Village of Tolono	Culvert Replacement	<1 acre	Expected completion in 2022
21-14116-00-BR	Ludlow Township	Culvert Replacement	<1 acre	Expected completion in 2022

Champaign County, Illinois
MS4 ANNUAL FACILITY INSPECTION REPORT
 REPORTING PERIOD YEAR 3 (4/1/21 – 3/31/22) APRIL 1, 2022

Table 9: Highway Construction Projects¹ from April 1, 2021 through March 31, 2022

Section Number	Road District	Project Type	Area of Disturbance	Status
21-18117-00-BR	Pesotum Township	Culvert Replacement	<1 acre	Expected completion in 2022
21-08118-00-BR	Crittenden Township	Culvert Replacement	<1 acre	Expected completion in 2021 (Completed)
21-08119-00-BR	Crittenden Township	Culvert Replacement	<1 acre	Expected completion in 2021 (Completed)
21-00458-00-RS	Champaign County	Bituminous Paving	<1 acre	Completed
21-17459-00-SP	Ogden Township	RR Xing Rehab	<1 acre	Expected completion in 2023-2024
21-17460-00-SP	Ogden Township	RR Xing Rehab	<1 acre	Expected completion in 2023-2024
21-17461-00-SP	Ogden Township	RR Xing Rehab	<1 acre	Expected completion in 2023-2024
22-14120-00-BR	Ludlow Township	Bridge Rehab	<1 acre	Expected completion in 2023-2024
22-00121-00-BR	Champaign County	Bridge Rehab	<1 acre	Expected completion in 2023-2024
22-03122-00-BR	Champaign Township	Bridge Rehab	<1 acre	Expected completion in 2023-2024
22-03123-00-BR	Champaign Township	Bridge Rehab	<1 acre	Expected completion in 2023-2024
22-26124-00-BR	South Homer Township	Guardrail Repair	<1 acre	Expected completion in 2022

NOTES

1. All construction projects during this period were roadway projects.

There were no proposed changes to the BMPs between April 1, 2021 and March 31, 2022.

Attachment B. Status of Compliance with N.P.D.E.S. Permit Conditions for Year 3
CHAMPAIGN COUNTY, ILLINOIS MS4 ANNUAL FACILITY INSPECTION REPORT
 REPORTING PERIOD YEAR 3 (4/1/21 – 3/31/22) APRIL 1, 2022

	BMP No.	Brief Description of Best Management Practice (BMP)	Status	Measurable Goal	Year 3 Milestone	Description of Activities
1	A.1.1	Flyers and information sheets at permit counter.	<i>COMPLETE</i>	Develop and distribute one new educational material handout.	Distribute handout.	Handouts are displayed and available at the service counter.
2	A.2.1	Inform business groups about MS4, NPDES, and BMPs.	<i>COMPLETE</i>	Conduct one presentation per year upon request.	Conduct one presentation upon request.	No requests for presentations about MS4, NPDES and BMPs were made from business groups.
3	A.2.2	Inform developer, contractor, engineering, and architecture groups about MS4, NPDES, and BMPs.	<i>COMPLETE</i>	Conduct one presentation per year upon request.	Conduct one presentation upon request.	No requests for presentations about MS4, NPDES and BMPs were made from developer, contractor, engineering, and architecture groups.
4	A.2.3	Inform environmental groups about MS4, NPDES, and BMPs.	<i>COMPLETE</i>	Conduct one presentation per year upon request.	Conduct one presentation upon request.	No requests for presentations about MS4, NPDES and BMPs were made from environmental groups.
6	A.6.1	Educational and informational material on web page.	<i>COMPLETE</i>	Develop web page with annual updates on informational and educational materials.	Update web page.	The MS4 Annual Facility Inspection Report was posted to the County website and to the collaborative MS4 website the Champaign County Stormwater Partnership (www.ccstormwater.org).
7	B.4.1	Comply with applicable state and local public notice requirements.	<i>COMPLETE</i>	Annual number of meetings with MS4 related topics. Maintain electronic records of notices, agendas, and public participation.	Provide notice of MS4 related meetings and provide opportunity for public input.	All public hearings and meetings are noticed as required by state law and local ordinances and policies.
8	B.6.1	Intergovernmental Storm Water Management group meetings (coordination meeting for all Champaign County MS4 jurisdictions).	<i>COMPLETE</i>	Hold at least 4 coordination meetings each year.	Attend meetings.	During the program year County staff attended and participated in meetings with other MS4 jurisdictions on 4/13/21; 6/8/21; 7/13/21; 8/10/21; 9/14/21; 10/12/21; 12/14/21; 3/8/22.

Attachment B. Status of Compliance with N.P.D.E.S. Permit Conditions for Year 3
CHAMPAIGN COUNTY, ILLINOIS MS4 ANNUAL FACILITY INSPECTION REPORT
 REPORTING PERIOD YEAR 3 (4/1/21 – 3/31/22) APRIL 1, 2022

	BMP No.	Brief Description of Best Management Practice (BMP)	Status	Measurable Goal	Year 3 Milestone	Description of Activities
9	B.6.2	Prepare a storm water survey that can be used annually to capture public comment on the MS4 Storm Water Program.	<i>COMPLETE</i>	Conduct the annual MS4 Storm Water Survey on the County website.	Make the MS4 Area Storm Water Survey available on the County website.	The MS4 Storm Water Survey is on the County website at https://docs.google.com/forms/d/e/1FAIpQLSd5hbzMASGpKgPWU3kr8gmQJ-w0ZorXoCFWUddjbMyI8P3Mg/viewform?c=0&w=1
10	B.6.3	Hold Annual Public Storm Water Meeting at the Champaign County Board's Environment and Land Use Committee (ELUC) to receive public comments regarding the Champaign County Unincorporated MS4 Area Storm Water Program.	<i>INCOMPLETE</i>	Have the Champaign County Unincorporated MS4 Area Storm Water Program as an Agenda item at one ELUC Meeting each year.	Have the Champaign County Unincorporated MS4 Area Storm Water Program as an Agenda item at the May ELUC meeting.	There was no Annual Public Storm Water Meeting at the Champaign County Board's Environment and Land Use Committee (ELUC) in 2021 due to the inconvenience of holding meeting remotely due to the COVID pandemic.
11	B.6.4	Identify Environmental Justice areas within the Unincorporated Champaign County MS4 Area and provide appropriate public participation.	<i>COMPLETE</i>	Identify Environmental Justice (EJ) areas within the Unincorporated Champaign County MS4 Area based on most current state economic data and randomly sample the EJ area population for storm water concerns via postal mail with prepaid reply envelopes. Review annual survey results at the Annual Public Storm Water Meeting at the Champaign County Board's Environment and Land Use Committee (ELUC).	Identify Environmental Justice (EJ) areas within the Unincorporated Champaign County MS4 Area based on most current state economic data and randomly sample the EJ area population for storm water concerns via postal mail with prepaid reply envelopes and review annual survey results at the Annual Public Storm Water Meeting the Champaign County Board's Environment and Land Use Committee (ELUC).	In April 2021 a random sample survey of the EJ population was conducted using the Champaign County Unincorporated MS4 Area Storm Water Survey with a postage-paid reply envelope.

Attachment B. Status of Compliance with N.P.D.E.S. Permit Conditions for Year 3
CHAMPAIGN COUNTY, ILLINOIS MS4 ANNUAL FACILITY INSPECTION REPORT
 REPORTING PERIOD YEAR 3 (4/1/21 – 3/31/22) APRIL 1, 2022

	BMP No.	Brief Description of Best Management Practice (BMP)	Status	Measurable Goal	Year 3 Milestone	Description of Activities
12	B.7.1	Fund aspects of NPDES MS4 implementation in the County's Land Resource Management Plan implementation budget including public involvement when appropriate.	<i>COMPLETE</i>	Include NPDES MS4 requirements in the County's Land Resource Management Plan and include in annual long-range work plan as required.	Include MS4 in work plan for FY22.	Funding for MS4 projects were included in the Work Plan for 2022.
13	C.1.1	Map drainage system outfalls into streams and rivers.	<i>COMPLETED</i>	Complete a system wide updated every three years.	System wide update of Champaign County Unincorporated MS4 Area storm sewer system map.	The up to date storm sewer system map for the unincorporated Champaign County MS4 Area is mapped to 100% completion including the storm sewer system map for County Highways outside the MS4 Area.
14	C.2.1	Prohibit illegal dumping and illicit discharges into drainage system through Nuisance Ordinance.	<i>IN PROGRESS</i>	Review existing Nuisance Ordinance and revise to include illegal dumping and illicit discharges into drainage systems.	Amend Nuisance Ordinance with new language prohibiting illegal dumping and illicit discharges into drainage system.	None. Preliminary Ordinance language regarding illegal dumping and illicit discharges into drainage systems had been previously drafted but has not yet been adopted.
15	C.3.1	Establish and maintain citizen complaint phone line for illegal dumping and illicit discharge into drainage systems.	<i>COMPLETE</i>	Maintain phone line.	Maintain complaint phone line and record of complaints.	The Department of Planning and Zoning phone line is maintained for citizen complaints regarding illegal dumping and illicit discharges.
16	C.3.2	Establish citizen complaint phone line for non-complying and/or non-functioning private sewage treatment systems.	<i>COMPLETE</i>	Develop and maintain phone line.	Maintain complaint phone line and record of complaints.	The Department of Planning and Zoning phone line is maintained for citizen complaints regarding non-complying and/or non-functioning private sewage treatment systems.

Attachment B. Status of Compliance with N.P.D.E.S. Permit Conditions for Year 3
CHAMPAIGN COUNTY, ILLINOIS MS4 ANNUAL FACILITY INSPECTION REPORT
 REPORTING PERIOD YEAR 3 (4/1/21 – 3/31/22) APRIL 1, 2022

	BMP No.	Brief Description of Best Management Practice (BMP)	Status	Measurable Goal	Year 3 Milestone	Description of Activities
17	C.3.3	Create a database of existing private sewage treatment systems and develop a management plan to bring non-compliant systems into compliance.	<i>IN PROGRESS</i>	Create database and develop, adopt, and implement management plan.	Create database and develop management plan.	Records of private sewage treatment systems obtained from Public Health Department; GIS database is under development.
18	C.6.1	Annual Report to the Environment and Land Use Committee (ELUC) of the Champaign County Board.	<i>COMPLETE</i>	Present Annual Report and place on file.	Complete Annual Report and place on file.	The MS4 Annual Report was prepared and presented to the Environment and Land Use Committee (ELUC) on May 6, 2021 and approved by the Champaign County Board on May 20, 2021.
19	D.1.1	Soil erosion and sediment control regulations.	<i>COMPLETE</i>	Review existing erosion and sediment control regulations. Prepare draft regulations for County Board adoption and enforce adopted regulations.	Enforce soil erosion and sediment control ordinance (Storm Water Management and Erosion Control Ordinance).	Soil erosion and sediment control regulations in the Champaign County Storm Water Management and Erosion Control Ordinance were enforced for all Land Disturbance Erosion Control (LDEC) Permits.
20	D.2.1	Erosion and sediment control BMPs.	<i>COMPLETE</i>	Review and evaluate existing BMPs to determine which should be included in the erosion and sediment control ordinance. Review existing regulations and develop new regulations for ordinance.	Review plans and development for appropriate use of BMPs as required by adopted ordinance (Storm Water Management and Erosion Control Ordinance).	All Land Disturbance Erosion Control (LDEC) Permits were reviewed for use of appropriate BMPs.
21	D.3.1	Prohibit illegal dumping and illicit discharges into storm drainage system from construction activities.	<i>IN PROGRESS</i>	Enforce Storm Water Management and Erosion Control (SWMEC) Ordinance prohibition on illegal dumping and illicit discharge into drainage systems from construction activities. Review existing Nuisance Ordinance and, if	Enforce SWMEC Ordinance prohibition on illegal dumping and illicit discharge into drainage systems from construction activities.	The Storm Water Management and Erosion Control Ordinance includes a prohibition of illegal dumping and illicit discharges from construction activities. Preliminary Nuisance Ordinance language has been drafted regarding illegal dumping and illicit discharges into drainage

Attachment B. Status of Compliance with N.P.D.E.S. Permit Conditions for Year 3
CHAMPAIGN COUNTY, ILLINOIS MS4 ANNUAL FACILITY INSPECTION REPORT
 REPORTING PERIOD YEAR 3 (4/1/21 – 3/31/22) APRIL 1, 2022

BMP No.	Brief Description of Best Management Practice (BMP)	Status	Measurable Goal	Year 3 Milestone	Description of Activities
			needed. revise to prohibit illegal dumping and illicit discharge into drainage systems from construction activities, same as SWMEC Ordinance.		systems but has not yet been adopted.
22	D.4.1 Develop processes and procedures to evaluate proposed construction site runoff mechanisms.	<i>COMPLETE</i>	Develop procedures and processes to evaluate proposed construction site runoff mechanisms.	Develop, implement and refine review procedures to evaluate proposed construction site runoff mechanisms.	Procedures to evaluate proposed construction site runoff mechanisms are refined in the review of LDEC Permits.
23	D.4.2 Training class or workshop for evaluating and inspecting construction site runoff control mechanisms.	<i>INCOMPLETE</i>	Zoning Officer (or Director's designee) attendance at training class or workshop for evaluating and inspecting construction site runoff control mechanisms.	Director's designee attends training.	No training occurred in Year 3.
24	D.6.1 Develop procedures and processes to inspect construction sites for compliance with construction site runoff mechanisms.	<i>COMPLETE</i>	Develop procedures and processes to inspect construction sites for compliance with construction site runoff mechanisms.	Develop and implement procedures and processes to inspect construction sites for compliance with construction site runoff mechanisms.	Procedures were refined as more experience was gained in the review of LDEC.
25	E.1.1 Implement a public education program about the benefits of green infrastructure and green housekeeping in minimizing the volume of storm water runoff and pollutants from privately owned developed property.	<i>INCOMPLETE</i>	Add a Green Infrastructure page to the Champaign County website to educate landowners about the benefits of green infrastructure and green housekeeping in minimizing the volume of storm water runoff and pollutants from privately owned developed property.	Develop, implement and maintain Champaign County Green Infrastructure & Green Housekeeping web page	NONE

Attachment B. Status of Compliance with N.P.D.E.S. Permit Conditions for Year 3
CHAMPAIGN COUNTY, ILLINOIS MS4 ANNUAL FACILITY INSPECTION REPORT
 REPORTING PERIOD YEAR 3 (4/1/21 – 3/31/22) APRIL 1, 2022

	BMP No.	Brief Description of Best Management Practice (BMP)	Status	Measurable Goal	Year 3 Milestone	Description of Activities
26	E.1.2	Implement a public education program about the water quality impacts of overuse of fertilizers and pesticides in non-agricultural uses.	<i>INCOMPLETE</i>	Add a Sustainable Lawn Care page to the Champaign County website to educate landowners about the water quality impacts of overuse of fertilizers and pesticides in non-agricultural uses.	Develop and implement a Champaign County Sustainable Lawn Care web page.	NONE
27	E.2.1	Require annual inspections of publicly owned storm water management facilities (post-construction).	<i>INCOMPLETE</i>	Procedures for maintenance of publicly owned storm water management facilities (post-construction) should be established in the Champaign County SWPPP.	Develop and implement procedures for maintenance of publicly owned storm water management facilities (post-construction) in the Champaign County SWPPP.	NONE
28	E.3.1	Develop procedures to ensure that storm water management facilities are maintained to function as designed (post-construction).	<i>IN PROGRESS</i>	Develop and implement procedures to ensure that storm water facilities are maintained to function as designed (post-construction).	Develop and implement procedures to ensure that storm water facilities are maintained to function as designed (post-construction).	The Storm Water Management and Erosion Control Ordinance requires ongoing maintenance of storm water management facilities.
29	E.3.3	Provide annual training in green infrastructure and/or low impact design techniques for all MS4 employees who manage or are directly involved in (or who retain others who manage or are directly involved in) the routine maintenance, repair, or replacement of public exterior surfaces. Require that contractors who are retained to manage or carry out the kinds of maintenance and relevant contractor employees also have annual training	<i>COMPLETE</i>	Provide annual training in green infrastructure and/or low impact design techniques for all MS4 employees who manage or are directly involved in (or who retain others who manage or are directly involved in) the routine maintenance, repair, or replacement of public exterior surfaces. Require that contractors who are retained to manage or carry	Provide annual training in green infrastructure and/or low impact design techniques for all relevant managers, employees, and/or contractors and contractor employees.	Staff from the Champaign County Highway Department and the Planning and Zoning Department attended the Illinois Green Infrastructure & Erosion Control Conference via Zoom on 10/20/21.

Attachment B. Status of Compliance with N.P.D.E.S. Permit Conditions for Year 3
CHAMPAIGN COUNTY, ILLINOIS MS4 ANNUAL FACILITY INSPECTION REPORT
 REPORTING PERIOD YEAR 3 (4/1/21 – 3/31/22) APRIL 1, 2022

BMP No.	Brief Description of Best Management Practice (BMP)	Status	Measurable Goal	Year 3 Milestone	Description of Activities
			out the kinds of maintenance and relevant contractor employees also have annual training.		
30	E.4.1 Training class or workshop for evaluating and inspecting construction site runoff control mechanisms (post-construction).	<i>INCOMPLETE</i>	Director's designee attendance at training class or workshop for evaluating and inspecting construction site runoff control mechanisms (post-construction).	Director's designee attends training.	No training occurred in Year 3.
31	E.5.1 Develop procedures and processes to inspect construction sites for compliance with post-construction runoff control mechanisms.	<i>IN PROGRESS</i>	Develop procedures and processes to inspect construction sites for compliance with approved post-construction site runoff control mechanisms.	Develop and implement procedures to inspect construction sites for compliance with post-construction runoff control mechanisms.	The Storm Water Management and Erosion Control Ordinance requires "as-built" documentation.
32	F.1.1 Spill prevention protocol.	<i>INCOMPLETE</i>	Conduct annual spill prevention training with appropriate County staff. Track meeting agenda, materials, and attendee sign-in sheet.	Complete annual spill prevention training with appropriate County staff.	NONE.
33	F.1.2 Spill response protocol.	<i>COMPLETE</i>	Conduct annual spill response training with appropriate County staff. Track meeting agenda, materials, and attendee sign-in sheet.	Complete annual spill response training with appropriate County staff.	The Champaign County Emergency Management Agency (CCEMA) conducted or participated in the following training in the program year: <ul style="list-style-type: none"> ● November 2, 2021, Annual hazmat exercise with University of Illinois Abbott Power Plant and Champaign Fire Department; ● January 27, 2021, attended the annual pipeline awareness

Attachment B. Status of Compliance with N.P.D.E.S. Permit Conditions for Year 3
CHAMPAIGN COUNTY, ILLINOIS MS4 ANNUAL FACILITY INSPECTION REPORT
 REPORTING PERIOD YEAR 3 (4/1/21 – 3/31/22) APRIL 1, 2022

	BMP No.	Brief Description of Best Management Practice (BMP)	Status	Measurable Goal	Year 3 Milestone	Description of Activities
						training; <ul style="list-style-type: none"> ● July 22, 2021, hosted the International Association of Fire Chief's (IAFC) Community Safety Grant's Whole Community Planning for Disasters training course; ● March 22, 2022, hosted Canadian National Railroad's First Responder Hazmat Training.
34	F.1.3	Hazardous material and storage management training.	<i>COMPLETE</i>	Conduct annual hazardous material and storage management training with appropriate staff. Track meeting agenda, materials, and attendee sign-in sheet.	Complete annual hazardous material and storage management training with appropriate County staff.	All relevant hazardous materials storage and handling reviewed with Facilities Director.
35	F.2.1	Prepare a Storm Water Pollution Prevention Plan (SWPPP) for County owned facilities.	<i>INCOMPLETE</i>	Prepare SWPPP for all County owned facilities.	Begin developing the Draft SWPPP for all County owned facilities.	None.

There was no information collected between April 1, 2021 and March 31, 2022.

Attachment D. N.P.D.E.S. Permit Activities for Next Reporting Year 4 April 1, 2022 – March 31, 2023
CHAMPAIGN COUNTY, ILLINOIS MS4 ANNUAL FACILITY INSPECTION REPORT
REPORTING PERIOD YEAR 3 (4/1/21 – 3/31/22) APRIL 1, 2022

BMP No.	Brief Description of Best Management Practice (BMP)	Measurable Goal	Year 3 Milestone (4/1/21-3/31/22)	Proposed Activity Next Program Year 4/1/22-3/31/23
A.1.1	Flyers and information sheets at permit counter.	Develop and distribute one new educational material handout.	Distribute handout.	Distribute handout.
A.2.1	Inform business groups about MS4, NPDES, and BMPs.	Conduct one presentation per year upon request.	Conduct one presentation upon request.	Conduct one presentation upon request.
A.2.2	Inform developer, contractor, engineering, and architecture groups about MS4, NPDES, and BMPs.	Conduct one presentation per year upon request.	Conduct one presentation upon request.	Conduct one presentation upon request.
A.2.3	Inform environmental groups about MS4, NPDES, and BMPs.	Conduct one presentation per year upon request.	Conduct one presentation upon request.	Conduct one presentation upon request.
A.6.1	Educational and informational material on web page.	Develop web page with annual updates on informational and educational materials.	Update web page.	Update web page.
B.4.1	Comply with applicable state and local public notice requirements.	Annual number of meetings with MS4 related topics. Maintain electronic records of notices, agendas, and public participation.	Provide notice of MS4 related meetings and provide opportunity for public input.	Provide notice of MS4 related meetings and provide opportunity for public input.
B.6.1	Intergovernmental Storm Water Management group meetings (coordination meetings for all Champaign County MS4 jurisdictions)	Hold at least 4 coordination meetings each year.	Attend meetings.	Attend meetings.
B.6.2	Prepare a storm water survey that can be used annually to capture public comment on the MS4 Storm Water Program.	Conduct the annual MS4 Storm Water Survey on the County website.	Make the MS4 Storm Water Survey available on the Champaign County website.	Make the MS4 Storm Water Survey available on the Champaign County website.
B.6.3	Hold Annual Public Storm Water Meeting at the Champaign County Board's Environment and Land Use Committee (ELUC) Meeting to receive public comments regarding the Champaign County Unincorporated MS4 Area Storm Water Program.	Have the Champaign County Unincorporated MS4 Area Storm Water Program as an Agenda item at one ELUC Meeting each year.	Have the Champaign County Unincorporated MS4 Area Storm Water Program as an Agenda item at the May ELUC Meeting.	Have the Champaign County Unincorporated MS4 Area Storm Water Program as an Agenda item at the May ELUC Meeting.

Attachment D. N.P.D.E.S. Permit Activities for Next Reporting Year 4 April 1, 2022 – March 31, 2023
CHAMPAIGN COUNTY, ILLINOIS MS4 ANNUAL FACILITY INSPECTION REPORT
REPORTING PERIOD YEAR 3 (4/1/21 – 3/31/22) APRIL 1, 2022

BMP No.	Brief Description of Best Management Practice (BMP)	Measurable Goal	Year 3 Milestone (4/1/21-3/31/22)	Proposed Activity Next Program Year 4/1/22-3/31/23
B.6.4	Identify Environmental Justice areas within the Unincorporated Champaign County MS4 Area and provide appropriate public participation.	Identify Environmental Justice (EJ) areas within the Unincorporated Champaign County MS4 Area based on most current state economic data and randomly sample the EJ area population for storm water concerns via postal mail with prepaid reply envelopes. Review annual survey results at the Annual Public Storm Water Meeting at the Champaign County Board's Environment and Land Use Committee (ELUC).	Identify Environmental Justice (EJ) areas within the Unincorporated Champaign County MS4 Area based on most current state economic data and randomly sample the EJ area population for storm water concerns via postal mail with prepaid reply envelopes and review annual survey results at the Annual Public Storm Water Meeting the Champaign County Board's Environment and Land Use Committee (ELUC).	Identify Environmental Justice (EJ) areas within the Unincorporated Champaign County MS4 Area based on most current state economic data and randomly sample the EJ area population for storm water concerns via postal mail with prepaid reply envelopes and review annual survey results at the Annual Public Storm Water Meeting at the Champaign County Board's Environment and Land Use Committee (ELUC).
B.7.1	Fund aspects of NPDES MS4 implementation in the County's Land Resource Management Plan implementation budget including public involvement when appropriate.	Include NPDES MS4 requirements in the County's Land Resource Management Plan and include in annual long-range work plan as required.	Include MS4 in work plan for FY21.	Include MS4 in work plan for FY22.
C.1.1	Map drainage system outfalls into streams and rivers.	Complete a system wide update every 3 years.	Update Champaign County Unincorporated MS4 Area storm sewer system map as new information becomes available.	System wide update of the Champaign County Unincorporated MS4 Area storm sewer system map.

Attachment D. N.P.D.E.S. Permit Activities for Next Reporting Year 4 April 1, 2022 – March 31, 2023
CHAMPAIGN COUNTY, ILLINOIS MS4 ANNUAL FACILITY INSPECTION REPORT
REPORTING PERIOD YEAR 3 (4/1/21 – 3/31/22) APRIL 1, 2022

BMP No.	Brief Description of Best Management Practice (BMP)	Measurable Goal	Year 3 Milestone (4/1/21-3/31/22)	Proposed Activity Next Program Year 4/1/22-3/31/23
C.2.1	Prohibit illegal dumping and illicit discharges into drainage systems through Nuisance Ordinance.	Review existing Nuisance Ordinance and revise to include illegal dumping and illicit discharges into drainage systems.	Amend Nuisance Ordinance with new language prohibiting illegal dumping and illicit discharges into drainage system. MILESTONE NOT ACHIEVED – Draft has not been adopted yet.	Amend Nuisance Ordinance with new language prohibiting illegal dumping and illicit discharges into drainage system.
C.3.1	Establish and maintain citizen complaint phone line for illegal dumping and illicit discharges into drainage systems.	Maintain phone line.	Maintain complaint phone line and record of complaints.	Maintain complaint phone line and record of complaints.
C.3.2	Establish citizen complaint phone line for non-complying and/or non-functioning private sewage treatment systems.	Develop and maintain phone line.	Maintain complaint phone line and record of complaints.	Maintain complaint phone line and record of complaints.
C.3.3	Create a database of existing private sewage treatments systems and develop a management plan to bring non-compliant systems into compliance.	Create database and develop, adopt and implement management plan.	Create database and develop management plan. MILESTONE NOT ACHIEVED	Create database and develop management plan.
C.6.1	Annual report to the Environment and Land Use Committee (ELUC) of the Champaign County Board.	Present Annual Report and place on file.	Complete Annual Report and place on file.	Complete Annual Report and place on file.
D.1.1	Soil erosion and sediment control regulations.	Review existing erosion and sediment control regulations. Prepare draft regulations for County Board adoption and enforce adopted regulations.	Enforce Soil Erosion and Sediment Control Ordinance (Storm Water Management and Erosion Control Ordinance).	Enforce Soil Erosion and Sediment Control Ordinance (Storm Water Management and Erosion Control Ordinance).
D.2.1	Erosion and sediment control BMPs.	Review and evaluate existing BMPs to determine which should be included in the erosion and sediment control ordinance. Review existing regulations and develop new regulations for the ordinance.	Review plans and development for appropriate use of BMPs as required by adopted ordinance (Storm Water Management and Erosion Control Ordinance).	Review plans and development for appropriate use of BMPs as required by adopted ordinance (Storm Water Management and Erosion Control Ordinance).

Attachment D. N.P.D.E.S. Permit Activities for Next Reporting Year 4 April 1, 2022 – March 31, 2023
CHAMPAIGN COUNTY, ILLINOIS MS4 ANNUAL FACILITY INSPECTION REPORT
REPORTING PERIOD YEAR 3 (4/1/21 – 3/31/22) APRIL 1, 2022

BMP No.	Brief Description of Best Management Practice (BMP)	Measurable Goal	Year 3 Milestone (4/1/21-3/31/22)	Proposed Activity Next Program Year 4/1/22-3/31/23
D.3.1	Prohibit illegal dumping and illicit discharges into storm drainage system from construction activities.	Enforce Storm Water Management and Erosion Control (SWMEC) Ordinance prohibition on illegal dumping and illicit discharge into drainage systems from construction activities. Review existing Nuisance Ordinance and, if needed, revise to prohibit illegal dumping and illicit discharge into drainage systems from construction activities, same as SWMEC Ordinance.	Enforce SWMEC Ordinance prohibition on illegal dumping and illicit discharges into drainage systems from construction activities. MILESTONE NOT ACHIEVED – Draft has not been adopted yet.	Enforce SWMEC Ordinance prohibition on illegal dumping and illicit discharges into drainage systems from construction activities.
D.4.1	Develop procedures and processes to evaluate proposed construction site runoff mechanisms.	Develop procedures and processes to evaluate proposed construction site runoff mechanisms.	Develop, implement and refine review procedures to evaluate proposed construction site runoff mechanisms.	Develop, implement and refine review procedures to evaluate proposed construction site runoff mechanisms.
D.4.2	Training class/workshop for evaluating and inspecting construction site runoff control mechanism.	Zoning Officer (or Director’s designee) attendance at training class or workshop for evaluating and inspecting construction site runoff control mechanisms.	Director’s designee attends training. MILESTONE NOT ACHIEVED	Director’s designee attends training.
D.6.1	Develop procedures and processes to inspect construction sites for compliance with construction site runoff mechanisms.	Develop procedures and processes to inspect construction sites for compliance with construction site runoff mechanisms.	Develop and implement procedures and processes to inspect construction sites for compliance with construction site runoff mechanisms.	Develop and implement procedures and processes to inspect construction sites for compliance with construction site runoff mechanisms.
E.1.1	Implement a public education program about the benefits of green infrastructure and green housekeeping in minimizing the volume of storm water runoff and pollutants from existing privately owned developed property.	Add a Green Infrastructure page to the Champaign County website to educate landowners about the benefits of green infrastructure and green housekeeping in minimizing the volume of storm water runoff and pollutants from existing privately-owned developed property.	Develop and implement a Champaign County Green Infrastructure & Green Housekeeping web page. MILESTONE NOT ACHIEVED	Develop and implement a Champaign County Green Infrastructure & Green Housekeeping web page.

Attachment D. N.P.D.E.S. Permit Activities for Next Reporting Year 4 April 1, 2022 – March 31, 2023
CHAMPAIGN COUNTY, ILLINOIS MS4 ANNUAL FACILITY INSPECTION REPORT
REPORTING PERIOD YEAR 3 (4/1/21 – 3/31/22) APRIL 1, 2022

BMP No.	Brief Description of Best Management Practice (BMP)	Measurable Goal	Year 3 Milestone (4/1/21-3/31/22)	Proposed Activity Next Program Year 4/1/22-3/31/23
E.1.2	Implement a public education program about the water quality impacts of overuse of fertilizers and pesticides in non-agricultural uses.	Add a Sustainable Lawn Care page to the Champaign County website to educate landowners about the water quality impacts of overuse of fertilizers and pesticides in non-agricultural uses.	Develop and implement a Champaign County Sustainable Lawn Care web page. MILESTONE NOT ACHIEVED	Develop and implement a Champaign County Sustainable Lawn Care web page.
E.2.1	Require annual inspection of publicly owned storm water management facilities (post-construction).	Procedures for maintenance of publicly owned storm water management facilities (post-construction) should be established in the Champaign County SWPPP.	Develop and implement procedures for maintenance of publicly owned storm water management facilities (post-construction) in the Champaign County SWPPP. MILESTONE NOT ACHIEVED	Develop and implement procedures for maintenance of publicly owned storm water management facilities (post-construction) in the Champaign County SWPPP.
E.3.1	Develop procedures to ensure that storm water facilities are maintained to function as designed (post- construction).	Develop and implement procedures to ensure that storm water facilities are maintained to function as designed (post-construction).	Develop and implement procedures to ensure that storm water facilities are maintained to function as designed (post-construction). MILESTONE NOT ACHIEVED	Develop and implement procedures to ensure that storm water facilities are maintained to function as designed (post-construction).
E.3.3	Provide annual training in green infrastructure and/or low impact design techniques for all MS4 employees who manage or are directly involved in (or who retain others who manage or are directly involved in) the routine maintenance, repair, or replacement of public exterior surfaces. Require that contractors who are retained to manage or carry out the kinds of maintenance and relevant contractor employees also have annual training.	Provide annual training in green infrastructure and/or low impact design techniques for all MS4 employees who manage or are directly involved in (or who retain others who manage or are directly involved in) the routine maintenance, repair, or replacement of public exterior surfaces. Require that contractors who are retained to manage or carry out the kinds of maintenance and relevant contractor employees also have annual training.	Provide annual training in green infrastructure and/or low impact design techniques for all relevant managers, employees, and/or contractors and contractor employees. MILESTONE NOT ACHIEVED	Provide annual training in green infrastructure and/or low impact design techniques for all relevant managers, employees, and/or contractors and contractor employees.

Attachment D. N.P.D.E.S. Permit Activities for Next Reporting Year 4 April 1, 2022 – March 31, 2023
CHAMPAIGN COUNTY, ILLINOIS MS4 ANNUAL FACILITY INSPECTION REPORT
REPORTING PERIOD YEAR 3 (4/1/21 – 3/31/22) APRIL 1, 2022

BMP No.	Brief Description of Best Management Practice (BMP)	Measurable Goal	Year 3 Milestone (4/1/21-3/31/22)	Proposed Activity Next Program Year 4/1/22-3/31/23
E.4.1	Training class or workshop for evaluating and inspecting construction site runoff control mechanisms (post-construction).	Director's designee attendance at training class or workshop for evaluating and inspecting construction site runoff control mechanisms (post-construction).	Director's designee attends training. MILESTONE NOT ACHIEVED	Director's designee attends training.
E.5.1	Develop procedures and processes to inspect construction sites for compliance with post-construction runoff control mechanisms.	Develop procedures and processes to inspect construction sites for compliance with approved post-construction runoff control mechanisms.	Develop and implement procedures to inspect construction sites for compliance with approved post-construction runoff control mechanisms. MILESTONE NOT ACHIEVED	Develop and implement procedures to inspect construction sites for compliance with approved post-construction runoff control mechanisms.
F.1.1	Spill prevention protocol.	Conduct annual spill prevention training with appropriate County staff. Track meeting agenda, materials, and attendee sign-in sheet.	Complete annual spill prevention training with appropriate County staff. MILESTONE NOT ACHIEVED	Complete annual spill prevention training with appropriate County staff.
F.1.2	Spill response protocol.	Conduct annual spill response training with appropriate County staff. Track meeting agenda, materials and attendee sign-in sheet.	Complete annual spill response training with appropriate County staff.	Complete annual spill response training with appropriate County staff.
F.1.3	Hazardous material and storage management training.	Conduct annual hazardous material and storage management training with appropriate County staff. Track meeting agenda, materials and attendee sign-in sheet.	Complete annual hazardous material and storage management training with appropriate County staff.	Complete annual hazardous material and storage management training with appropriate County staff.
F.2.1	Prepare a Storm Water Pollution Prevention Plan (SWPPP) for County owned facilities.	Prepare SWPPP for all County owned facilities.	Begin developing the Draft SWPPP for all County owned facilities. MILESTONE NOT ACHIEVED	Begin developing the Draft SWPPP for all County owned facilities.

Survey Intent

The Champaign County MS4 Area Storm Water Survey is administered to identify citizen concerns related to storm water within the Champaign County Urbanized Area. The Champaign County Urbanized Area includes Champaign, Urbana, Savoy, Tolono, Bondville and all the areas located within one half-mile of those municipalities.

The annual survey is conducted to satisfy the Champaign County MS4 Storm Water National Pollutant Discharge Elimination System (NPDES) Annual Facility Report identified best management practice requirement regarding Public Involvement and Participation of Environmental Justice (EJ) Areas within the Unincorporated MS4 Area.

MS4 Environmental Justice Areas with the unincorporated portion of the Champaign County Urbanized Area are updated at the beginning of each calendar year. The Storm Water Survey is a sampling of those MS4 Environmental Justice Areas with the Unincorporated Area.

The MS4 Survey is also available to anyone on the Champaign County website. Results from the online Survey are combined with the MS4 Survey of Environmental Justice Areas.

The results of the MS4 Survey are reported in the Annual MS4 Facility Inspection Report for the reporting period in which the MS4 Survey was conducted.

Study Area

Attachment F are maps of the Champaign County Unincorporated Area MS4 Environmental Justice Areas as of February 2020.

Study Area Population

In 2021, Champaign County's MS4 qualifying EJ Parcel jurisdiction is comprised of roughly 3,500 parcels.

Sample Size and Survey Distribution

In April of 2021, a total of 400 surveys were mailed to a randomly selected sample of recipients residing within qualifying Environmental Justice areas of the Champaign County MS4 Area. A reminder post card was later mailed to the same random sample of 400 parcels. A Spanish copy of the survey is available upon request. The survey is also available on the Champaign County Department of Planning and Zoning Storm Water Program webpage.

Response Rate

A total of 51 mailed survey responses and 2 online survey responses were received for a response rate of 13.25%. A 10%-15% response rate for a survey distributed by mail is considered an average.

Follow-up Contact regarding County Board Review

A total of 11 respondents indicated they wanted to be notified about the Environment and Land Use Committee review of survey results; 2 of these respondents did not list contact information.

Survey Results

The Survey questions are numbered below as they appear on the Survey. The results are as follows:

Attachment E. MS4 Area Storm Water Survey Results April 2021
CHAMPAIGN COUNTY, ILLINOIS MS4 ANNUAL FACILITY INSPECTION REPORT
REPORTING PERIOD YEAR 3 (4/1/21 – 3/31/22) APRIL 1, 2022

1. Is there a location in the Champaign County MS4 Area or Urbanized Area where you believe storm water drainage causes a problem during or after a rain event?

47.2% Yes 45.3% No 7.5% No Response

	Location	Within Champaign County MS4 Area?	Type of Problem caused by Storm Water Drainage
1	Cherokee Ln and Concord Rd. Culvert under Holcomb (off Concord Rd)	Yes	Culvert under Holcomb (off Concord Rd) empties with such force as to have washed away much of adjacent hill
2	Mattis Ave. between Windsor & Curtis	No (Champaign)	Storm water in the street that seems to be interfere with traffic during: large rain events
3	Corner of California Ct. & Scottswood Dr. in Urbana	Yes	Storm water in the street that seems to be interfere with traffic during large rain events Storm water so deep that it may be a safety concern during: large rain events
4	S. Vine St. in Urbana under the water bridge between Save-A-Lot & Schnucks	No (Urbana)	Storm water that causes property damage by flooding a building(s) during large rain events Storm water in the street that seems to interfere with traffic during large rain events Storm water so deep that it may be a safety concern during large rain events
5	Cunningham & Airport Rd	Yes	Storm water that causes property damage by flooding a building(s) during: any rain and large rain events Other: water on north side of Airport Rd flows into a large pipe under street onto the south side of Airport Rd, which results into my basement at 1603 Airport Rd
6	318 Wilbur Ave & the entire neighborhood in Wilbur Heights	Yes	Storm water that causes property damage by flooding building(s): any rain & large rain events. Storm water in the streets that seems to interfere with traffic during: any rain & large rain events. Storm water so deep that it may be a safety concern during: any rain & large rain events. Other: flooding intense enough to affect our septic system.
7	Yards and driveways of rolling Acre Subdivision at the intersection of Bernice & Valkar	Yes	Other: In the last 8 years the driveways and yards flood more often after rainfall
8	Streets within Lake Park Subdivision (South of Curtis Rd)	Yes	Other: Resurfacing of streets raises them and causes large runoff onto properties with any rain. The water runoff creates damage to driveways and lawns.
9	Walters and Roland Dr	Yes	Storm water in the street that seems to interfere with traffic during: any rain, large rain events Storm water so deep that it may be a safety concern during: any rain, large rain events
10	Viaducts on Neil, St. Mary's, First, and Washington	No (Champaign)	Storm water in the streets that seems to interfere with traffic during: large rain events Storm water so deep that it may be a safety concern during: large rain events

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	Location	Within Champaign County MS4 Area?	Type of Problem caused by Storm Water Drainage
11	Williamsburg Dr	No (Champaign)	Storm water that causes property damage by flooding a building(s) during: any rain events Storm water in the street that seems to interfere with traffic during: large rain events Storm water so deep that it may be a safety concern during: large rain events
12	The field behind 878 Peach Tree that is owned by John North and Dennis Homestead	Yes	Storm water that causes property damage by flooding a building(s) during: any rain Storm water in the street that seems to interfere with traffic during: large rain events Storm water so deep that it may be a safety concern during: large rain events Other: The field drain tile is closed-up and the water come through the equalizer pipe and drains illegally now into their storm drain.
13	Yard of 1507 N Division	Yes	Storm water that causes property damage by flooding a building(s) during: any rain
14	High Cross Rd near Perkins Rd	Yes	Storm water in the street that seems to interfere with traffic during: large rain events
15	Willow Springs retention area-Perkins Road	Yes	Other: retention water is not draining and could be a possible risk to small children in the area, and etc.
16	Cherry Hills Dr & Windsor Rd	No (Champaign)	Storm water in the street that seems to interfere with traffic during: large rain events Storm water so deep that it may be a safety concern during: large rain events
17	Bohn Cr & Stone Creek Blvd	No (Urbana)	Storm water that causes property damage by flooding a building(s) during: large rain events
18	The end of Ennis Ln floods and has no place to go	Yes	Storm water that causes property damage by flooding a building(s) during: large rain events Storm water in the street that seems to interfere with traffic during: any rain Storm water so deep that it may be a safety concern during: large rain events
19	A manhole just west of High Cross Rd and University Ave (Rt 150). It is in the highway.	No (Urbana)	Storm water in the street that seems to interfere with traffic during: large remain events
20	Wallace & Third, 309 Paul, 316 Wilbur	Yes	Storm water that causes property damage by flooding a building(s) during: large rain events Storm water in the street that seems to interfere with traffic during: large rain events Storm water so deep that it may be a safety concern during: large rain events
21	South of Perkins Rd & High Cross	Yes	Storm water in the street that seems to interfere with traffic during: large rain events

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	Location	Within Champaign County MS4 Area?	Type of Problem caused by Storm Water Drainage
22	Approximately 2400 Valkar Dr and also Duncan and Curtis Rd intersection, the water flows across Duncan from the northeast and is very dangerous	No (Champaign)	Storm water so deep that it may be a safety concern during: large rain events
23	Railroad & underpasses	?	Storm water in the street that seems to interfere with traffic during: large rain events Storm water so deep that it may be a safety concern during: large rain events
24	Florida Ave east of Philo Road	No (Urbana)	Storm water in the street that seems to interfere with traffic during large rain events, Storm water so deep that it may be a safety concern during large rain events
25	The bridge on N. vine street in Urbana, near Schnuck.	No (Urbana)	Storm water in the street that seems to interfere with traffic during large rain events

2. Is there any location in the Champaign County MS4 Area or Urbanized Area where you believe storm water gets polluted?

20.8% Yes 71.7% No 7.5% No Response

	Location	Within Champaign County MS4 Area?	Pollution concerns
1	Corner of California Ct. & Scottswood Dr. in Urbana	Yes	Trash on the ground or in the street may wash into the storm sewer system
2	S. Vine St. in Urbana under the water bridge between Save-A-Lot & Schnucks	No (Urbana)	Trash on the ground or in the street may wash into the storm sewer system
3	The 200 block of Paul Ave. Junk cars leaking fluids in the flooded areas spreading toxins through the neighborhood.	Yes	Trash on the ground or in the street that may wash into the storm sewer system Washing of business vehicles anywhere besides a designated carwash facility-every trucking business out there Septic system release of sewage (septage) onto the ground or into a stream Dumping of motor oil into a storm drain or onto the surface of the ground A liquid other than water that drains out of a pipe even during dry periods
4	Walters and Roland Dr	Yes	Trash on the ground or in the street that may wash into the storm sewer system.

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5	The field behind 878 Peach Tree that is owned by John North and Dennis Homestead	Yes	Trash on the ground or in the street that may wash into the storm sewer system Washing of business vehicles anywhere besides a designated car wash facility Septic system release of sewage (septage) onto the ground or into a stream
6	Willow Springs & Perkins Rd	Yes	Trash on the ground or in the street that may wash into the storm sewer system
7	Cherry Hills Dr & Windsor Rd	No	Trash on the ground or in the street that may wash into the storm sewer system Other: their property us adjacent to farmland, which uses chemicals and pesticides that may leech into ground water systems.
8	2308 Slayback ST	Yes	Trash on the ground or in the street that may wash into the storm sewer system Other: on the west side of property there are wood chips, mud, gravel placed in gutter and in road
9	112 Ennis Ln	Yes	Septic system release if sewage (septage) onto ground or into stream A liquid other than water that drains out of a pipe even during dry periods Other: The water smells that is pumped out of 112 Ennis Ln sump pump
10	Wallace & Third, 309 Paul, 316 Wilbur	Yes	Trash on the ground or in the street that may wash into the storm sewer system
11	Street Near News-Gazette	No (Champaign)	Washing of business vehicles anywhere besides a designated car wash facility Dumping of motor oil into a storm drain or onto surface of the ground Dumping of unknown liquids into a storm drain or other part of the storm sewer system; downtown Champaign onto street near News Gazette

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3. Do you recreate at any location in the Champaign County MS4 Area or Urbanized Area where water is a prominent feature?

28.3% Yes 66% No 5.7% No Response

	Location	Within Champaign County MS4?	Type of Recreation	Water quality concerns
1	Windsor & Duncan	No (Champaign)	(No type given)	None
2	Liberty On The Lake; Curtis Rd & Mattis Rd	No (Champaign)	Walking along or near the shore	Yes-Trash in the water that is unpleasant to see
3	IL Rt. 47 & Vicinity	No	Walking along or near the shore	Yes-Trash in the water that is unpleasant to see
4	Boulware Trail & Phinney Branch	No	Walking along or near a shore	Yes-Trash in the water that is unpleasant to see
5	Orboretum and Meadowbrook's Parks	?	Walking along or near the shore	None
6	Lake Park Subdivision	Yes	Walking along or near the shore Fishing: from the shore Boating Wading and/or swimming	None
7	Cherry Hills and Porter Park	No	Walking along or near the shore	None
8	Lake Park & First	Yes	Walking along or near the shore	Yes, Other: geese feces
9	Bradley, Heritage Park, Kaufman Lake, Copper Slough	No	Walking along or near the shore	Yes, trash in the water that is unpleasant to see. Trash in the water that causes pollution. Other pollution that is visible in the water and that harms the quality of the aquatic environment. Other pollution in the water that may harm either myself or others who may come into contact with the pollution. Other: Copper Slough appears dead and used to be quite full of life. Needs to be cleaned and restocked, so does the Boneyard.
10	Crystal Lake Park	No	Walking along or near the shore Fishing: from the shore	Yes, other pollution that is visible in the water and that harms the quality of the aquatic environment. Other pollution in the water that may harm either myself or others who may come into contact with the pollution Catching fish that may be unsafe to eat due to pollution

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11	Kaufman Lake	No	Walking along or near the shore	None
12	(No location given)	?	Walking along or near the shore Fishing: from shore and boat Boating	Yes, other pollution that is visible in the water and that harms the quality of the aquatic environment Other pollution in the water that may harm either myself or others who may come into contact Catching fish that may be unsafe to eat due to pollution
13	Crystal Lake Park	No	Walking along or near the shore	Yes, Other pollution in the water that may harm either myself or others who may come into contact with the pollution
14	(No location given)	?	Walking along or near the shore	None
15	Kaufman lake and another one at the north side of the lake, near Bradley.	No	Walking along or near the shore	In consideration of widely used herbicides, fungicides, which eventually get into the water, I would not get myself or family into the water or eat fish from the water.

4.

Please feel free to add any other comments you may have regarding storm water in the Champaign County MS4 Area or Urbanized Area:

Just moved in not long ago, so far they have no seen any problems
At times there is standing water after significant rainfall in yards in Rolling Acres; particularly on the east end of Berniece Dr.
None at this time.
Need to inform folks of need to clear sewer grates to reduce street flooding
Water on north side of Airport Rd flows into a large pipe under street onto the south side of Airport Rd, which results into my basement at 1603 Airport Rd
They were told that Mike Marron allocated funds for drainage in prominent. During rain events they are forced into hazard conditions from the automotive leaks from junk cars. Septic systems back up and seep into the ground. They're toilets will not flush for days. Mosquitos have more water to breed in. They have complained repeatedly and the County does nothing.
Rolling Acres: The storm drains and culverts under the driveways are filling with soil and debris to the point that water simply stands in many yards with nowhere to go. They are unable to reach far enough into the culvert to do any thing about it, but this seems to be getting increasingly problematic. Not sure who would help them outside of the city limits.
This field behind their house used to have a field tile lid that was never taken care of or cleaned and was allowed to erode away. They pulled the lid up and it ties into the existing tile that feeds into Woodedge pond. It is now allowed to over flow into their yard, the "Strive", and their neighbor's yard (Jake Frost), and they both have been flooded out on numerous occasions after heavy rainfall.
Water accumulates at the end of their driveway at 2601 Berniece in Rolling Acres. When they work on the street, they keep making it a deeper crevice that doesn't go into the storm drain.
The geese feces is so bad that it can't be safe to eat the fish and it is sort of nasty to step in it all the time. Stop the geese feces problem.
Areas in the area didn't use to flood like it does now.
Note on front page from Occupant at Apple Tree Dr in Urbana: They live in a land lease community. They do not own the ground, because they lease it on a monthly basis. Yes, they do have some drainage problems within their community. The have addressed this with management, but it seems there is never money in their budget to fix anything or maintain the infrastructure of their park. It would be wonderful if their drainage issues could be addressed, but since they do not own the property she did not complete the survey.

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5. Please indicate the nearest street intersection to your home:

- 58.5% In the CC MS4 area**
- 28.3% Out of the CC MS4 area**
- 9.4% Not specific enough**
- 3.8% No response**

6. Please indicate the major watershed that you live in:

- 35.8% Vermilion Watershed**
- 28.3% Upper Kaskaskia Watershed**
- 3.8% Embarras Watershed**
- 1.9% Upper Sangamon Watershed**
- 1.9% Middle Wabash – Little Vermilion Watershed**
- 28.3% No Response**

7. Would you like to receive notice of the meeting of the Champaign County Board at which the results of this survey will be considered?

- 17.0% Yes, gave contact information**
- 3.8% Yes, gave no contact information**
- 79.2% No response**

Optional Section

1. Age:

- 0.0% 16-19**
- 1.9% 20-29**
- 9.4% 30-39**
- 9.4% 40-49**
- 18.9% 50-59**
- 15.1% 60-69**
- 32.0% 70-79**
- 1.9% 80-89**
- 0.0% 90+**
- 5.7% No Response**
- 5.7% Male/Female combo of different age groups**

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2. Gender:

49.0% Male

34.0% Female

11.3% No Response

5.7% Male/Female combo

3. Ethnic/Race groups you most identify with (check all that apply):

1.9% African American/Black

0.0% American Indian or Alaska Native

3.8% Asian

0.0% Native Hawaiian or Pacific Islander

83.0% White/Caucasian

0.0% Hispanic/Latino

1.9% two or more races

1.9% Other

7.5% No Response

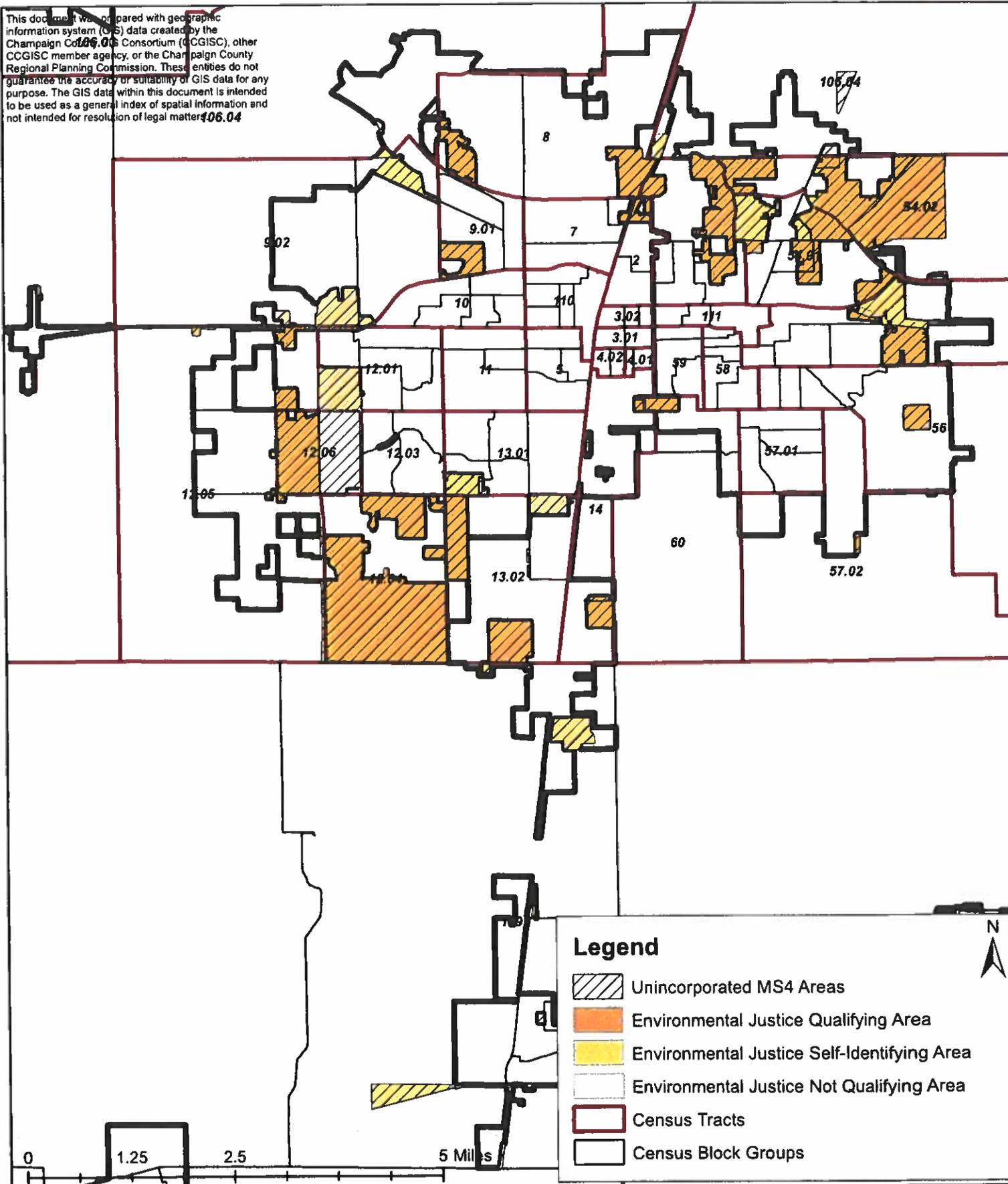
MS4 Environmental Justice Areas: Unincorporated Champaign County

Prepared 14 February 2020

Source: U.S. Census Bureau; 2014-2018 American Community Survey



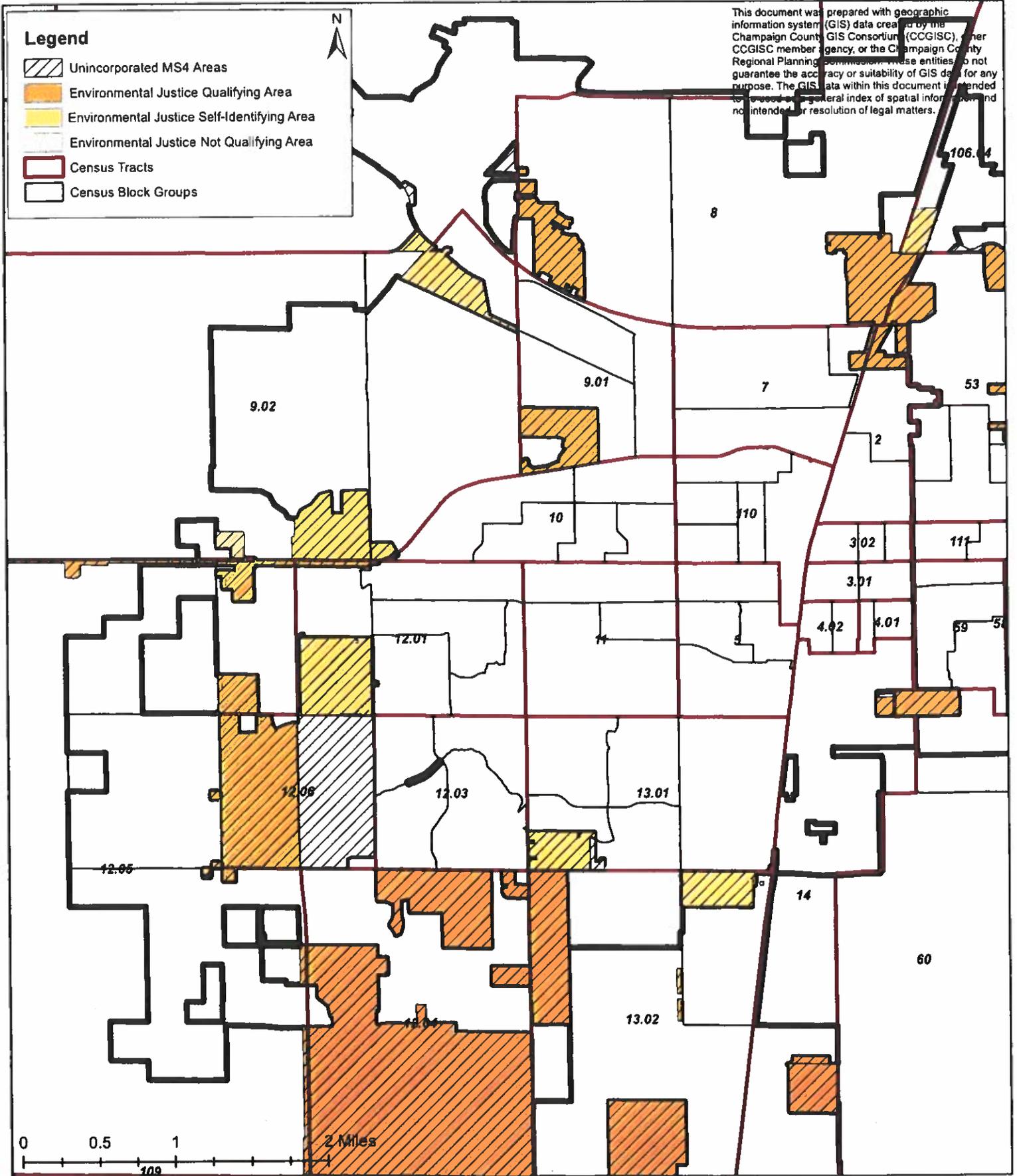
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MS4 Environmental Justice Areas: Champaign Area Detailed Map

Prepared 14 February 2020

Source: U.S. Census Bureau; 2014-2018 American Community Survey



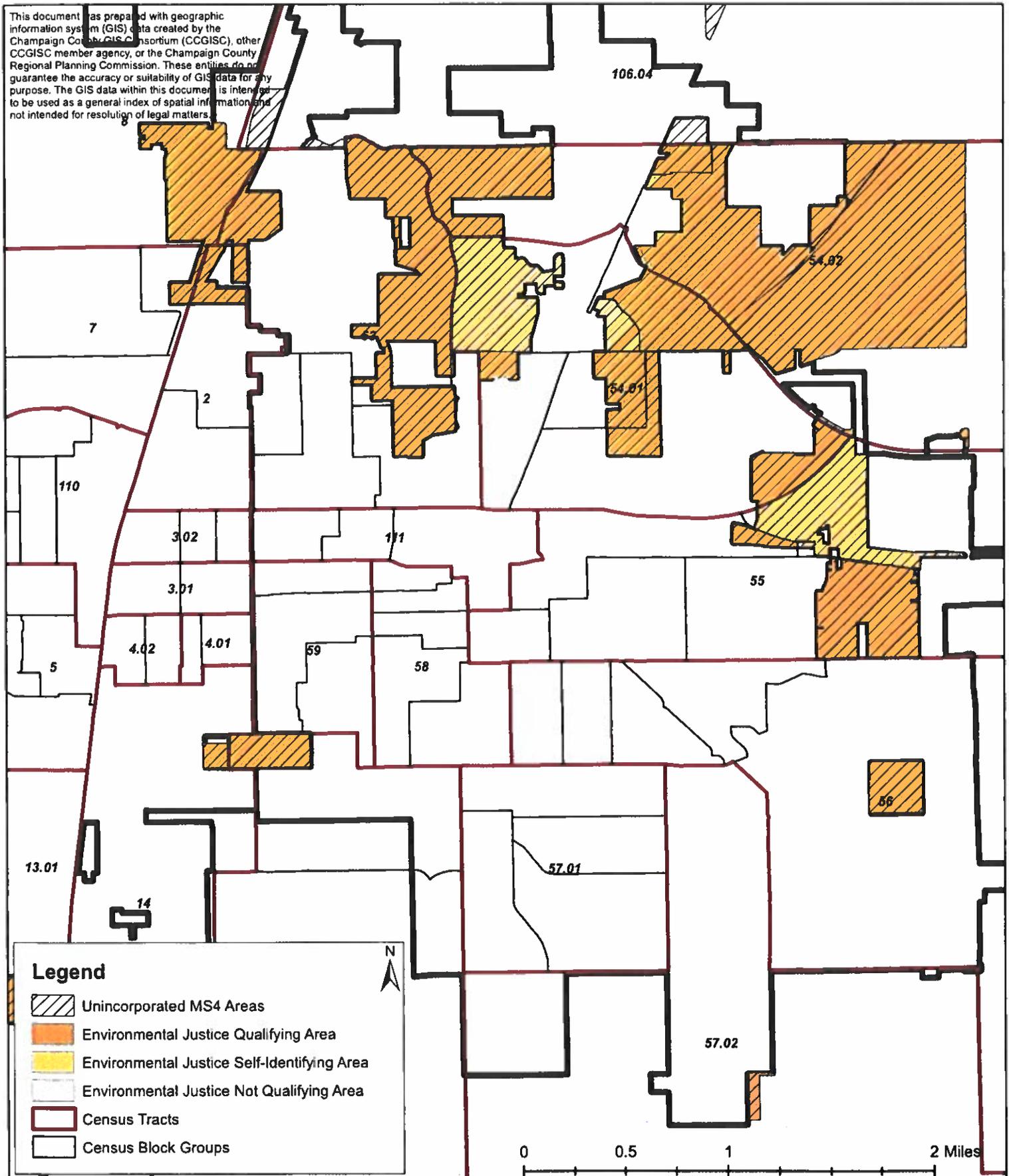
MS4 Environmental Justice Areas: Urbana Area Detailed Map

Prepared 14 February 2020

Source: U.S. Census Bureau; 2014-2018 American Community Survey



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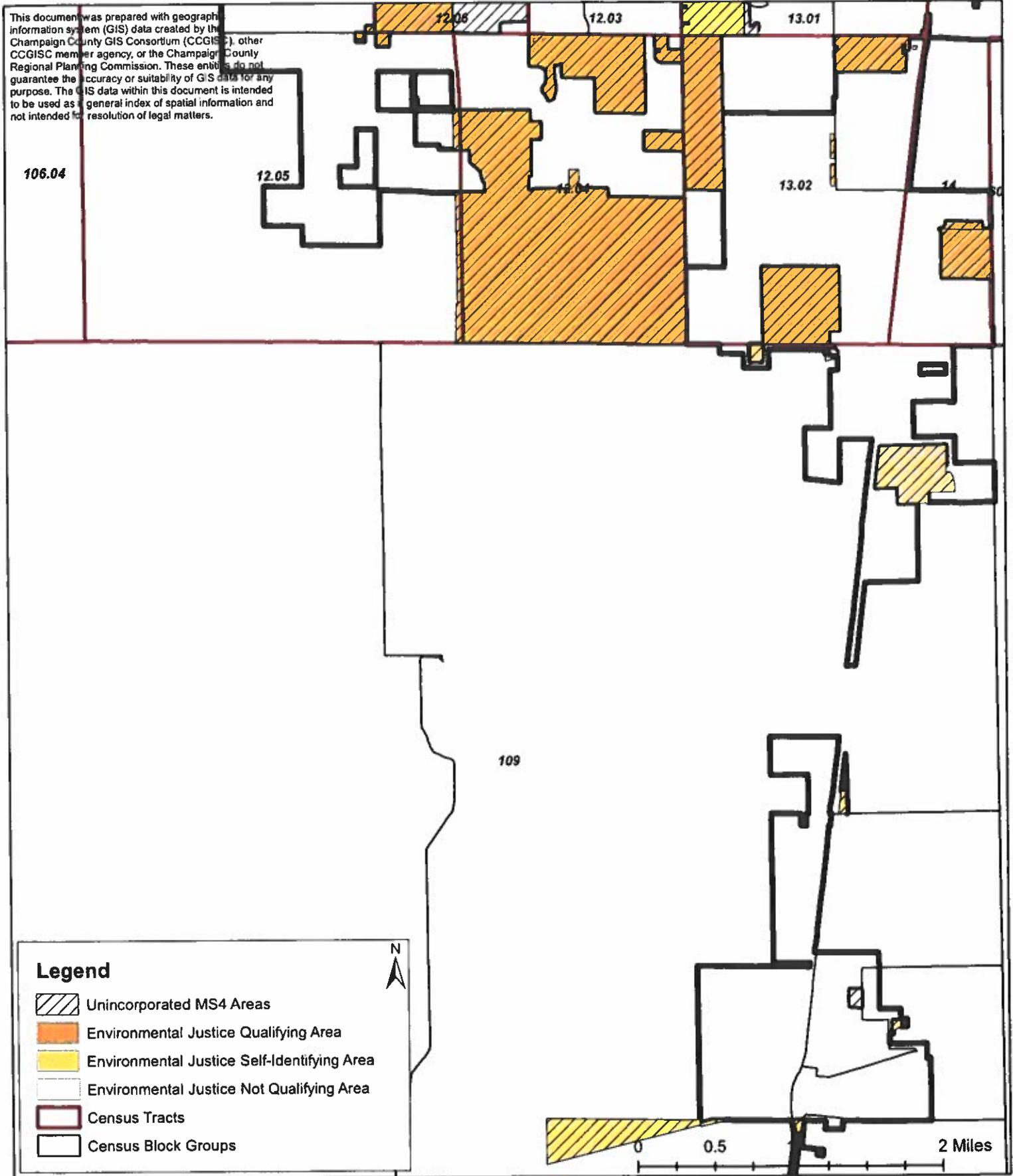
MS4 Environmental Justice Areas: Savoy Area Detailed Map

Prepared 14 February 2020

Source: U.S. Census Bureau; 2014-2018 American Community Survey



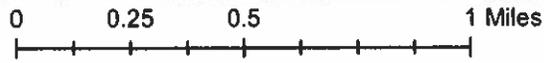
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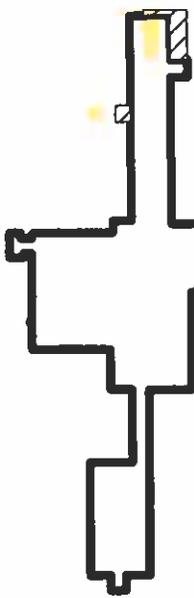
MS4 Environmental Justice Areas: Bondville Area Detailed Map

Prepared 14 February 2020

Source: U.S. Census Bureau; 2014-2018 American Community Survey



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106.04

9.02

2.05

Legend

-  Unincorporated MS4 Areas
-  Environmental Justice Qualifying Area
-  Environmental Justice Self-Identifying Area
-  Environmental Justice Not Qualifying Area
-  Census Tracts
-  Census Block Groups

