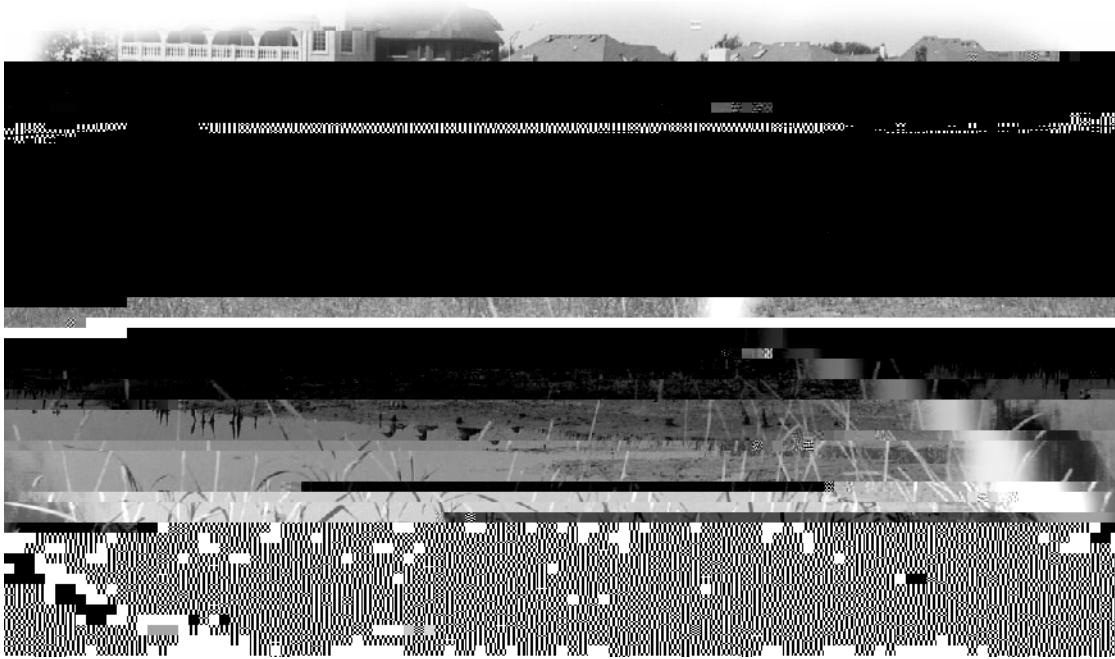


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Isolation: Illnesses and Atoms

Case Study: Flu and Isolation Introduction

Flu is a common illness that can be spread through the air. It is caused by a virus that enters the body through the nose or mouth. The virus then multiplies and spreads to other parts of the body. Flu can be prevented by getting a vaccine and by practicing good hygiene, such as washing hands and covering the mouth. Isolation is a key strategy to prevent the spread of flu. By staying away from others, the virus cannot be passed on.

But flu is also a contagious disease.

Flu is a contagious disease that can be spread through the air. It is caused by a virus that enters the body through the nose or mouth. The virus then multiplies and spreads to other parts of the body. Flu can be prevented by getting a vaccine and by practicing good hygiene, such as washing hands and covering the mouth. Isolation is a key strategy to prevent the spread of flu. By staying away from others, the virus cannot be passed on.

Appropriate Control Decisions are Isolated and Protected

Flu is a contagious disease that can be spread through the air. It is caused by a virus that enters the body through the nose or mouth. The virus then multiplies and spreads to other parts of the body. Flu can be prevented by getting a vaccine and by practicing good hygiene, such as washing hands and covering the mouth. Isolation is a key strategy to prevent the spread of flu. By staying away from others, the virus cannot be passed on.

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Table 1. USACE “No jurisdiction” Determinations By County During 2001¹.

County	Total	Average Size (acres)²	Largest²	Smallest²
Cook	84	3.42	18.6	0.01
DuPage	30	5.13	15.75	0.24
Lake	60	2.19	18.3	0.06
McHenry	24	3.38	11.56	0.28
Kane	19	0.79	1.6	0.3
Will	42	3.14	17.1	0.23

1 Source: Chicago District, US Army Corps of Engineers
 2 Of those wetland permit files randomly examined by Sierra Club (138 of 261 total)

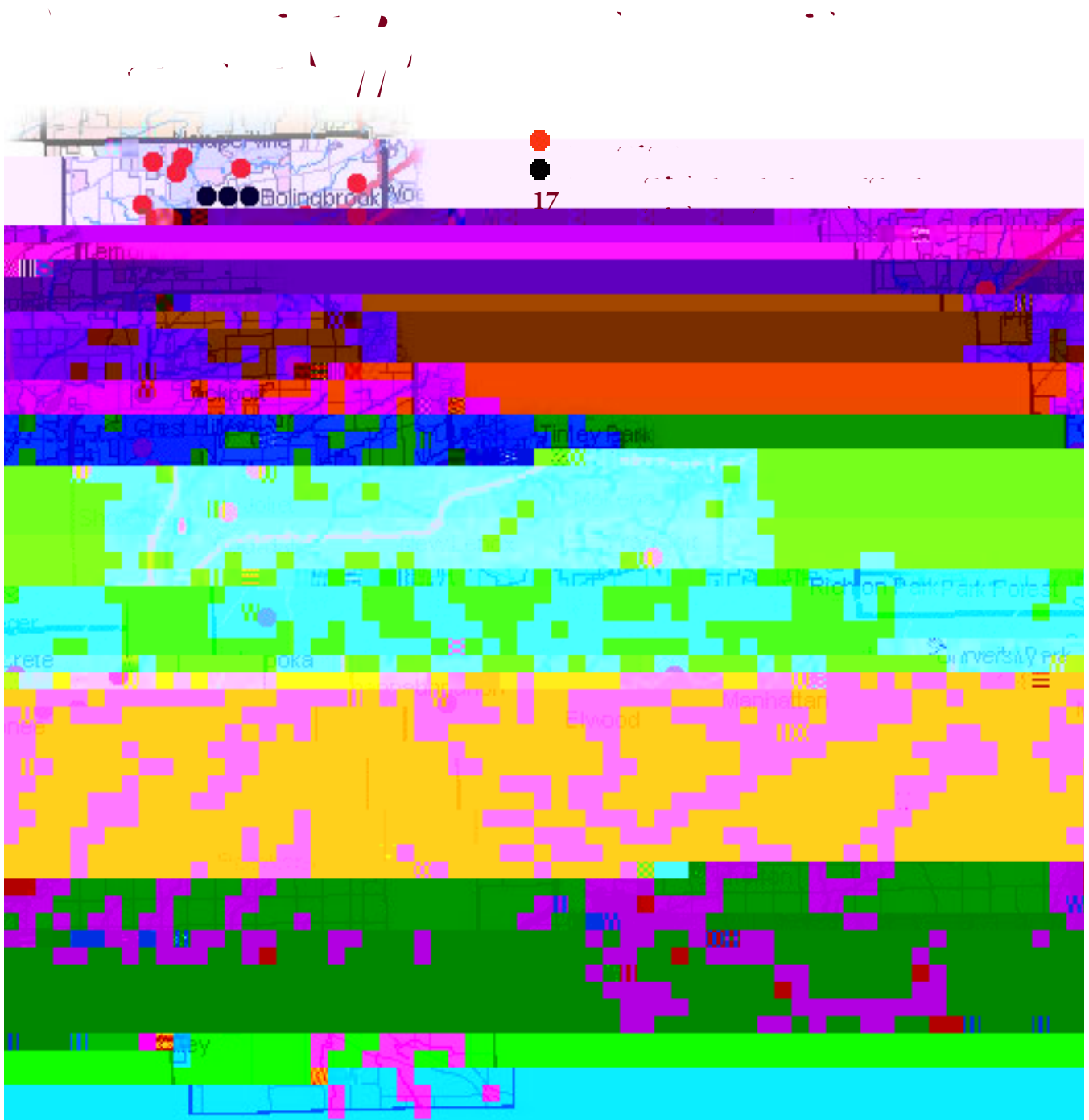
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The map shows the distribution of parks and landmarks in the Washington, DC area. The legend indicates that blue squares represent parks and red squares represent landmarks. The map includes labels for various parks and landmarks, such as Blindbrook Wood, Tinley Park, Richmond Park, Park Forest, University Park, Mann Park, and Mann Park. A scale bar at the bottom indicates a distance of 17 miles.

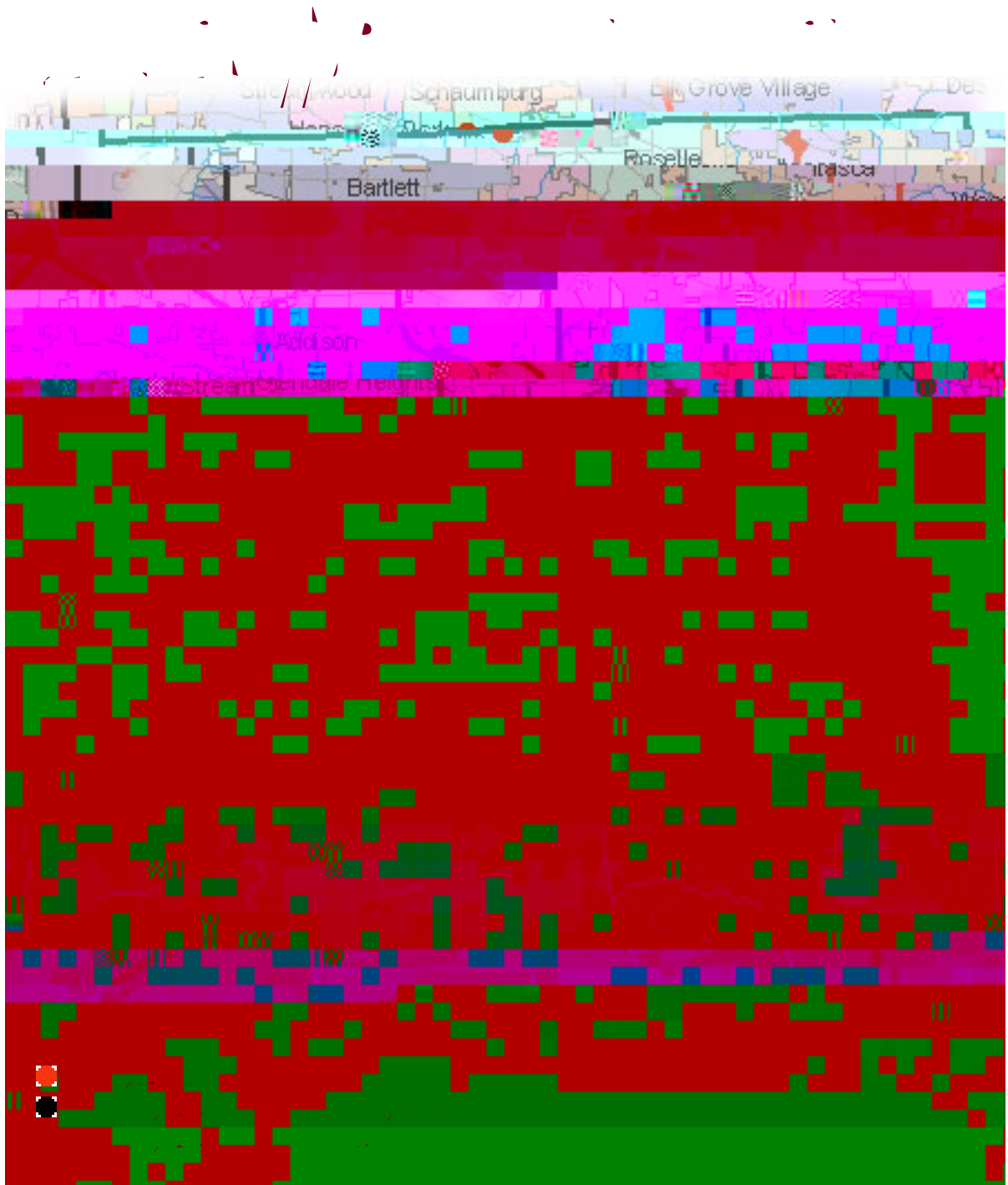
etlands Atlas : a e Co t

1. The map shows the location of the study area in the context of the surrounding regions. The study area is highlighted in red and includes the following locations: Hampshire, Sleepy Hollow, West Dundee, and Carpentersville. The map also shows the location of the study area in the context of the surrounding regions, including Huntley, East Dundee, and Montgomery.



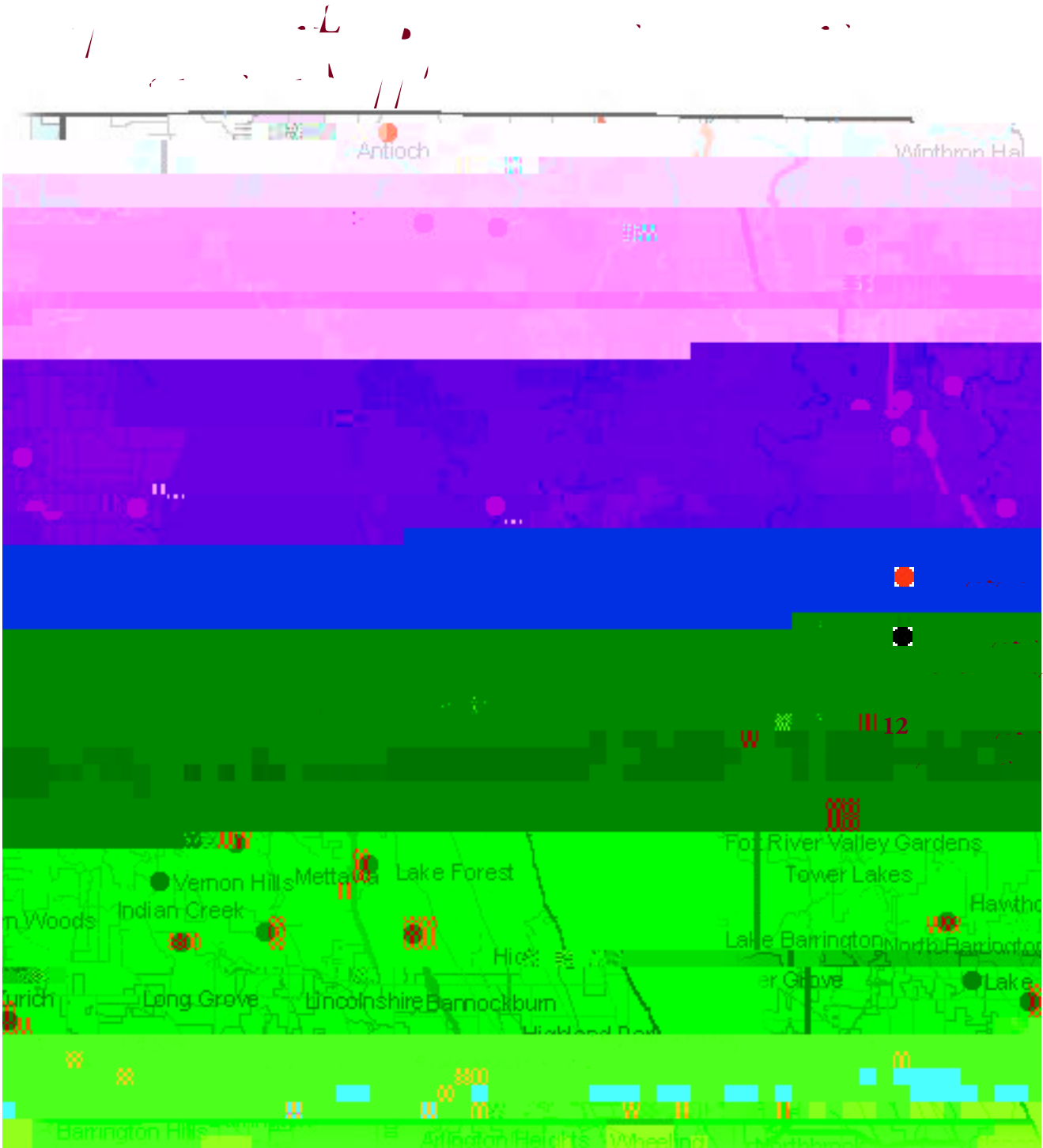
2. The map shows the location of the study area in the context of the surrounding regions. The study area is highlighted in red and includes the following locations: Hampshire, Sleepy Hollow, West Dundee, and Carpentersville. The map also shows the location of the study area in the context of the surrounding regions, including Huntley, East Dundee, and Montgomery.

etlands Atlas : Database Content



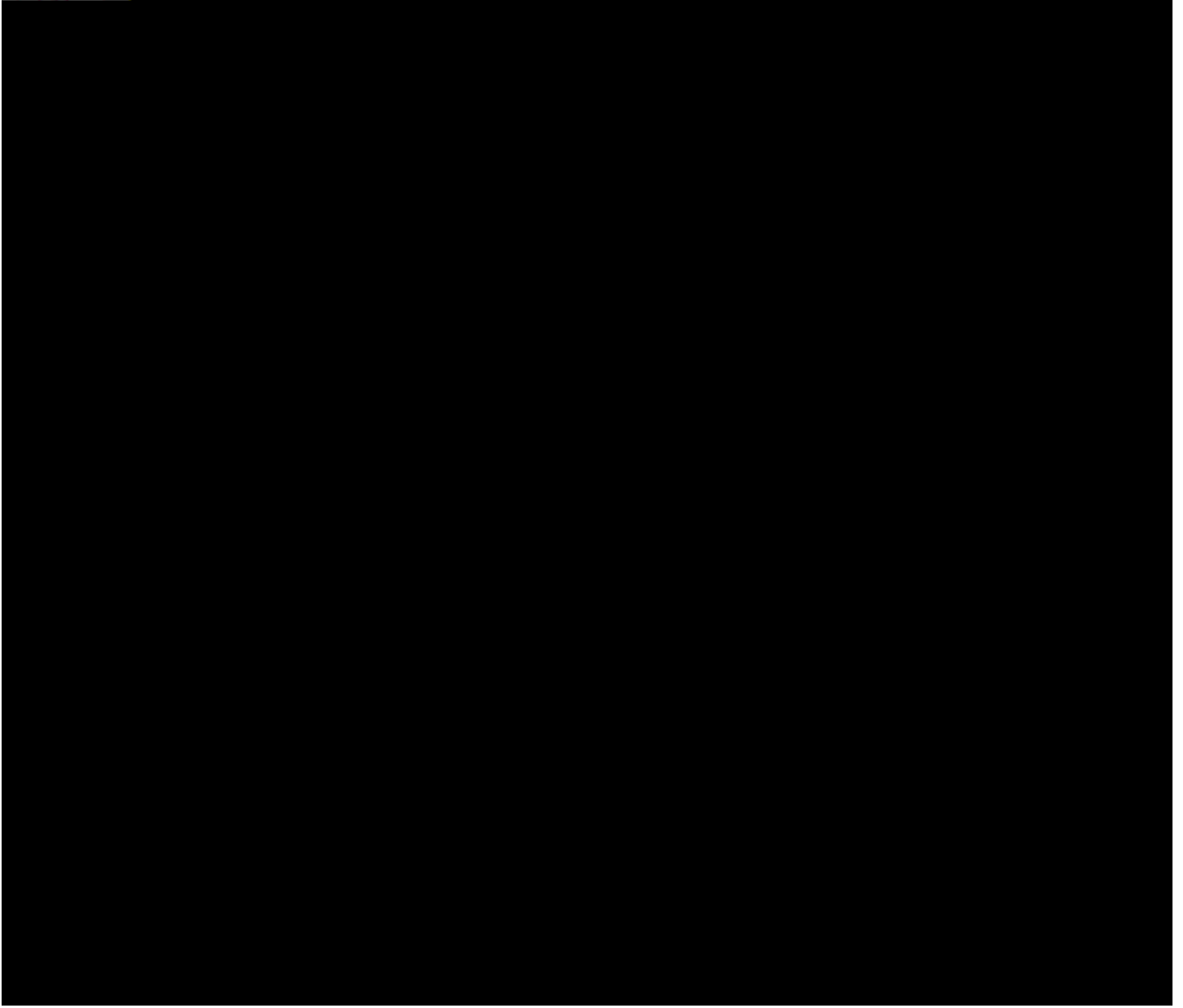
The map displays the spatial distribution of wetlands and stream corridors in the Des Plaines River basin. The red background represents the total area of wetlands, while the green patches indicate specific wetland types. The blue and purple areas represent stream corridors and riparian zones, respectively. The map is overlaid on a grid of latitude and longitude coordinates, with the Des Plaines River flowing through the center. The legend in the bottom left corner provides a key for the symbols used on the map.

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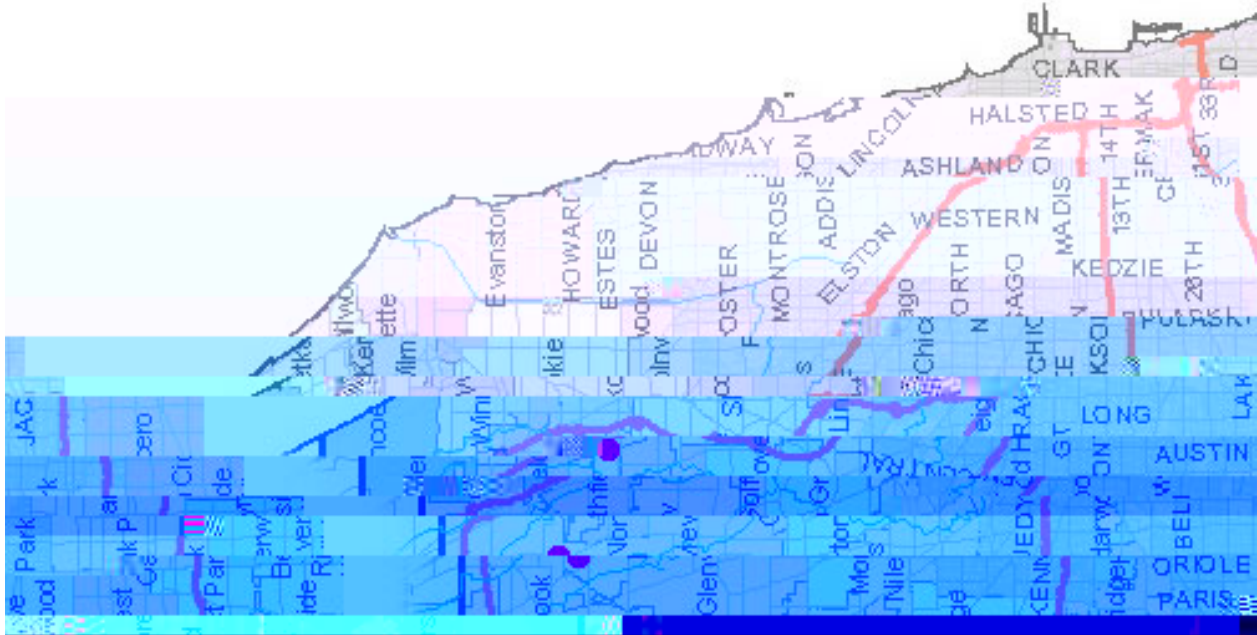
Wetlands are areas that are periodically or permanently flooded or saturated with water. They are important for many reasons, including providing habitat for wildlife, filtering pollutants, and reducing flood risk. The map shows the distribution of wetlands in Cook County, Illinois, and is color-coded by biological productivity. Wetlands of high biological productivity are shown in yellow, wetlands of moderate biological productivity are shown in orange, and wetlands of low biological productivity are shown in green. The map also shows major roads and other geographical features.

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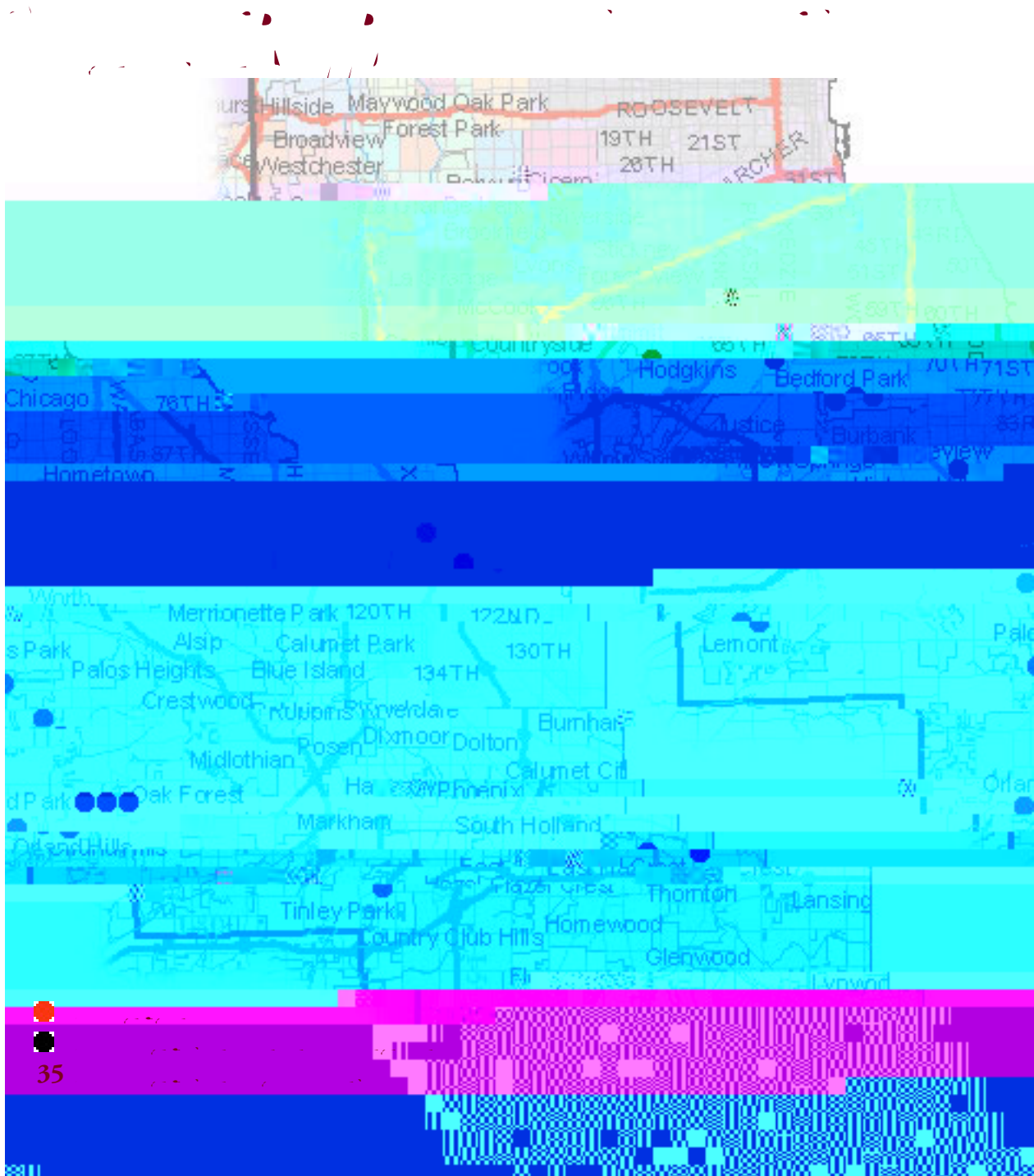


1. Introduction

The purpose of this document is to provide a comprehensive overview of the current state of research in the field of artificial intelligence. This section will discuss the various applications of AI, the challenges faced by researchers, and the potential future developments in this rapidly evolving field.



etlands At Risk: Cook County



Wetlands are important for many reasons. They provide habitat for many species of plants and animals, including many rare and endangered species. Wetlands also help to filter pollutants and sediments from water, improve water quality, and reduce flooding. Wetlands are also important for carbon sequestration and climate change mitigation.

RAMS #	Applicant	Location*	County	Size (acres)*	Notes*
199200879	Schaumburg, Village of		Cook		
199300009	George Noble Associates		Cook		
199900235					

RAMS #	Applicant	Location*	County	Size (acres)*	Notes*
200100257	Ameren Energy	Grifford Rd, S of Spaulding Rd., Elgin	Cook	1.62	In an existing industrial park, building Elgin Energy Center
200100289	Aspen Homes Inc.	N of NW Highway, 1/2 mile E of Quentin Rd., Palatine	Cook	0.14	Palustrine, emergent, and seasonally flooded wetlands on site
200100290	Glens of Palatine	E of Doe Road, N of Highway 14, S of Dundee Road, Palatine	Cook	0.33	
200100293	First National Development Planning Resources Inc. for George Lullo	172nd Street and Torrence Avenue, Lansing	Cook	13.04	A partially wooded wetland
200100299	Christopher B. Burke for Red Seal Corporation	NW corner of 131st St. and 85th Ave., Palos Park	Cook	0.21	Wooded wetland
200100313	ENCAP Inc. for Paddock Publications, Inc.	NW of intersection of Dundee and Sanders rds., Northbrook	Cook	1.14	Emergent wetland
200100314	C.B. Burke	Albion Ave and Wright Blvd., Schaumburg	Cook	0.362	Palustrine emergent wetland
200100342	C.B. Burke		Cook		
200100343	C.B. Burke	NW corner of Route 59, Streamwood	Cook	2.68	Tributary to Poplar Creek
200100364	McNaughton Developmt		Cook		
200100391	Envira-38 1844 999 Tm /0.24 0 0 -0.24 18 594c0 0 -0.24 18 594 cm BT 38 0 0 -38 385 660 Tm /F2.0 1 Tf (Pd q 53.04 81.36 684 434.64 re W n /Cs1 Burk				

RAMS #	Applicant	Location*	County	Size (acres)*	Notes*
200100625	Ehorn Environmental	Between Bartlett rd and the eastern railroad and W of Hawley road	Cook	4.015	Reed canary grass dominated
200100627	Encap, Inc.	Olde Mill located in Orland Park	Cook	18.6	
200100651	Montalbano Homes		Cook		
200100659	First Eagle Homes		Cook		
200100666	Jim Degrado	NW of 159th st and 108th Ave., unincorporated Orland Park	Cook	100 x 30 ft	
200100697	Encap, Inc.		Cook		
200100704	Raisanen & Assoc (Insignia Homes Property)	Intersection of Lilac and Milwaukee Ave., Glenview	Cook	0.1	
200100708	RA Construction		Cook		
200100716	Cowhey Gudmundson		Cook		
200100719	Century 21		Cook		
200100722	Centerpoint Properties	7400 Narragansett, Bedford Park	Cook	N/A	
200100725	CBBEL		Cook		
200100751	Gatling Comm Deve		Cook		
200100854	PAR Development	Bartlett	Cook		
200100880	Encap, Inc.		Cook		
200100926	J&J Construction		Cook		
200100935	V3 Consultants	N of London Lane S. of Fechanville Drive, Mount Prospect	Cook	0.39	
200101000	Iverness, Village of		Cook		
200101001	Taubensee Steel		Cook		214 acre project site
200101026	CH2MHILL		Cook		
200101029	Gatling Community		Cook		
200101030	V3		Cook		
200101042	Cowhey Gudmundson		Cook		
200101045	CBBEL	104th Ave. site, Orland Park	Cook	0.45	
200101050	Hey & Associates	Lakewood Boulevard parcel, Hoffman Estates	Cook	0.45	
200101136	Nicor Gas		Cook		
200101161	Cowhey Gundmundson	Highland Park Pond	Cook	5.6	Human-made pond with wetland around the edge
200101247	Field's BMW & Jeep		Cook		
200101277	Venterra Sales		Cook		
200101311	Kirk Corporation		Cook		
2.001E+09		Schaumburg Road site, Streamwood	Cook		Right by a residential subdivision
199200879	Schaumburg, Village of	Schaumburg Air Park	Cook/DuPage		Village was going to pay 90K to National Fish and Wildlife Account in lieu of completing the current mitigation plan, Corps had agreed to this then told them to wait based upon SWANCC
200000566	Scottsbarry Homes		DuPage		

RAMS #	Applicant	Location*	County	Size (acres)*	Notes*
200000586	Centerpoint Realty Service Corp.	S of Plainfield Rd, W of Madison Rd, E of Adams R, Willowbrook	DuPage	1.03	Some unauthorized filling and violation of DuPage Stormwater ordinance. Send letter asking that the old permit be revoked based upon SWANCC
200001086	Wiseman-Hughes		DuPage		
200001088	Willowbrook, Village of		DuPage	0.47	
200100061	Agincourt Partnership		DuPage		
200100204	Raisanen & Assoc. for Midwest Real Estate Equities, Inc.	NW Quarter of Sect. 16, T38N, R9E, Naperville	DuPage	0.24	
200100211	Duke-Weeks Construction		DuPage		
200100360	C.B. Burke		DuPage		
200100363	Gallagher & Henry	Woodridge	DuPage	2.19	Palustrine scrub/shrub wetland
200100409	Encap, Inc. for Butterfield Development	Ferry Rd., Aurora	DuPage	15.75	
200100421	Encap, Inc.	New York Avenue, N of Vaughn Rd. Naperville Township, Aurora	DuPage	N/A	
200100537	Encap, Inc.		DuPage		
200100594	Encap, Inc.		DuPage		
200100746		Wheaton Sanitary District	DuPage		Temporarily impacts, 0.36 acres have good vegetation quality
200100767	C.B. Burke	W of Rt. 59 between Carriage Trail and Roslyn Road	DuPage	12	
200100836	Pasquinelli, Inc		DuPage		
200100885	Hamilton Partners	S of I-88 and W of Eob Road, Aurora	DuPage	7 areas	1 pond is linked to Indian Creek
200100987	Encap, Inc.	E and W of President St. between St. Charles St. and the Chicago and Northwestern railroad	DuPage	4.2	Many native species, varna soils
200101028	DuPage DOT		DuPage		
200101133	Cowey Gundmundson		DuPage		
200101139	Agincourt II		DuPage		
200101201	CivilTech		DuPage		
200101222	Ehorn Environmental		DuPage		
200101231	Dartmoor Homes		DuPage		
200101252	Northern Bldrs		DuPage		
200101262	Jaleco Construction		DuPage		
200101280	EnCap for DuPage Property Ventures, Inc.	Butterfield Development, Naperville Twshp/Aurora: T38N R9E Sec4	DuPage	N/A	Some on National Wetland Inventory
200200046	DePaulo Builders		DuPage		
200200145	Current Development		DuPage		
200000714	Ridge Realty		Kane		
200001056	Wispark Corp	Rt 72 and Randall Road, Elgin	Kane	0.95	

RAMS #	Applicant	Location*	County	Size (acres)*	Notes*
200100024	Menards, Inc.	NE corner of Bowes and Randall, Elgin	Kane	N/A	Menard Inc. were noted for violation but Corps didn't pursue case
200100066	Phoenix & Associates		Kane		
200100129	Encap, Inc. for Robin Hill Development Co.	S of Fabyan Pkwy, Section 12-13, t39N, R8E, Batavia	Kane	0.68	4.5 acre wetland - palustrine emergent and forested
200100159	Mustang Construction	1700-1900 block of W Dean St., St. Charles	Kane	0.5	Low vegetative quality wetlands
200100171	Brittany Homes	Gilberts	Kane	1.6	Depressional wetland peat or muck wetland
200100340	Encap, Inc.		Kane		
200100377		Tamms Property, Hampshire	Kane		
200100428	CBBEL/Neumann Homes	W of Deerpath Rd., between Seavy Rd. and Tanner Rd., North Aurora	Kane		Six farmed wetlands in a 450 acre project site
200100449	Borde, Howard		Kane		
200100453	Henderson & Bodwell		Kane		
200100552	Cowhey Gudmundson/FCL				

RAMS #	Applicant	Location*	County	Size (acres)*	Notes*
200001129	Phoenix & Asoc. for Consolidated School Dist 46	17 acres E of Hainesville Rd on IL Rte 120, Hainesville	Lake	4 areas = 2.04	Hydrophytic vegetation
200001164	R King & Associates	Island Lake	Lake	18.3	
200001167	Encap, Inc.	Village Church of Gurnee	Lake	1.8	
200100036	Westfield Homes	Between Sylvan Rd and Route 173	Lake	0.53	
200100042	Madrona Village LLC	Avon Township S of Round Lake	Lake	1.8	Low quality farmed wetland
200100198	Christopher B. Burke for Woodland School District	E of Hunt Club Rd. and 1/2 mile S of Rte. 132, Gurnee	Lake	0.8	Farmed wetland
200100239	John Patelopoulos	NW corner Gilager Ave and Dixie Hwy, Waukegan	Lake	2.35	
200100247					

RAMS #	Applicant	Location*	County	Size (acres)*	Notes*
200100793	Mostardi Platt	SW corner of Pershing and Dahringer roads, Waukegan	Lake	N/A	A former tar pit that was located in the area is clearly visible water flows
200100845	Gewalt-Hamilton		Lake		
200100860	Nat Areas Ecosystem	Stearnes School and Fullerton	Lake		Plentiful species (wetland dependent)
200100883	CBBEL		Lake		
200100913	D Connolly	Quentin Road Subdivision	Lake	2.7	2 Areas of farmed wetland, 1 farmed wetland in the western section 4 pockets of wetlands vegetation
200100932	Manhard Consulting	Riverside Foundation; W of Elin Rd. and N of Rt. 22, Riverwoods	Lake	1.5	Wooden uplands, part of a larger wetland area
200100962	Hey & Associates		Lake		
200100993	Northbrook Sports		Lake		
200100995	Lewis Del Conte		Lake		
200101018	Harvest Glen Subdvin		Lake		
200101051	V3 Consultants		Lake		
200101095	BG Engineering		Lake		
200101107	Campbell International	Parcel 1 lot 5 Kent Ave., Waucanda	Lake	3	Vacant property near residential areas
200101154	Drake, Dennis		Lake		
200101288	Flex Construction		Lake		
200200029	Thomas. Ron		Lake		
200200032	Manhard Consulting		Lake		
2.001E+09		Vernon Hills Park District Property	Lake		
199600666	Cunat Brothers		McHenry		
199700520	Bull Valley Green LLC		McHenry		
199900304	Pulte Homes Corps		McHenry		
200000024	Pieper, Kenneth		McHenry		
200000323	SDI Consultants for Opfer & Stuckmann Construction	81 acre Wede Farm - Algonquin Rd 1/3 mi W of Algonquin Rd and Square Barn Rd	McHenry	2 areas = 11.55	Unfarmed wetland has some nice conservative species but overall low quality
200000746	Residential Homes		McHenry		
200000832	Condon Consulting Eng.	118 acre parcel, W of Walkup Rd, N of Rt 176, Crystal Lake	McHenry	6 areas = 1.46	
200100149	Wayne Berman	NE Quarter of Section 29, T44N, R9E, Fox River, Roberts Road	McHenry	N/A	
200100271	McHenry County Highway Department	S of Nelson Rd., Hartland Township	McHenry	0.5	
200100287	Planning Resources		McHenry		
200100462	Taurus Engineering		McHenry		
200100500	Encap, Inc.		McHenry		
200100535	O&S Development		McHenry		
200100595	Encap, Inc.		McHenry		
200100608	Finnberg, Peder	SW Corner of Bard and Huntly Rd., Crystal Lake	McHenry	N/A	
200100782	Planning Resources		McHenry		

RAMS #	Applicant	Location*	County	Size (acres)*	Notes*
200100797	CBBEL		McHenry		
200100825	V3 Consultants		McHenry		
200100886	CBBEL		McHenry		
200100905	Krueger, Lawrence		McHenry		
200101009	Encap, Inc.		McHenry		
200101019	Raisanen & Assoc		McHenry		
200101272	Lada, William		McHenry		
200101307	Planning Resources		McHenry		
199800968	Heineke & Assoc		Will		
199900266					

RAMS #	Applicant	Location*	County	Size (acres)*	Notes*
200100550	Encap, Inc. for Sharon Bown	Southside of Soldiers Widows, Home Road, Just W of Lincoln Lane	Will		
200100598	Environmental Planning	Brooks Meadow property, Franfurt	Will	0.8	Farmed wetland
200100606	Equipose	Stadtler Ridge Subdivision, Homer Township	Will	1	
200100618	Encap, Inc.		Will		
200100619	CBBEL		Will		
200100738	Durkin, Thomas		Will		
200100759	Shell, Mark		Will		
200100826	J Kintz		Will		
200100828	Bridge Development Partners, LLC	Davy Road Property, Bolingbrook	Will	0.3	
200100831	Hey & Associates	Layoie-Book Road property, Naperville	Will	0.38	Generally good vegetation, residential community nearby
200100900	JF New	NW of 104th St. and 224th St., Wheatfield Township	Will	17.1	On a farm
200100945	CBBEL		Will		
200100948	Accent Construction		Will		
200100952	AmlI Realty	Plainfield Business Park S of 143rd St., E of US 30	Will		Farmed wetlands
200101032	CBBEL		Will		
200101035	Planning Resources		Will		
200101052		Barr Property, Channahon	Will		3 Areas, good quality
200101114	Ruettiger, Tonelli	W of Holhoubolt Rd and S of I-80, Channahon	Will	N/A	Bordered on the south by railroad beds, emergent wetland, with a seasonal water regime
200101294	Engineering Consult		Will		
200200044	JF New		Will		
200200077	Straus, Albert		Will		

* Location, Size (acres), and Notes were not provided by the Corps in fulfilling the Sierra Club's original FOIA request. These data were obtained during two subsequent investigations of the original files housed at the Corps' Chicago District office.

Ac o led³ e ts

1. The first part of the text discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes the need for transparency and accountability in financial reporting.

2. The second part of the text focuses on the role of internal controls in preventing fraud and ensuring the integrity of the financial statements. It highlights the importance of a strong internal control system.

3. The third part of the text discusses the impact of external factors, such as market conditions and regulatory changes, on the financial performance of the organization. It emphasizes the need for flexibility and adaptability in response to these changes.

4. The fourth part of the text concludes by summarizing the key points discussed and reiterating the importance of maintaining accurate records and implementing effective internal controls.

5. The fifth part of the text provides a brief overview of the financial statements and the key metrics used to evaluate the organization's performance.

6. The sixth part of the text discusses the challenges faced by the organization in the current market environment and the strategies implemented to address these challenges.

7. The seventh part of the text provides a detailed analysis of the financial statements, including the income statement, balance sheet, and cash flow statement.

8. The eighth part of the text discusses the impact of the financial statements on the organization's overall performance and the key areas for improvement.

9. The ninth part of the text provides a summary of the key findings and recommendations for the organization's future performance.

10. The tenth part of the text concludes the report and expresses the author's confidence in the organization's ability to achieve its long-term goals.

11. The eleventh part of the text provides a final summary of the key points and reiterates the importance of maintaining accurate records and implementing effective internal controls.

12. The twelfth part of the text provides a final summary of the key findings and recommendations for the organization's future performance.