

Expansion of the Illinois Department of Natural Resources' Owned, Managed, and Leased Properties (OMLP) Database

Project: T-63-P-1

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Background

The OMLP project was initiated in the fall of 2003 in response to U.S. Fish and Wildlife Service audit findings. The first phase of the project was initiated under the State Wildlife Grant T-03-P-001 agreement and continued in the second and third phases under the State Wildlife Grant T-02-P-001 and T-17-P-001 agreements, respectively. In order to prevent a lapse in funding and to ensure no interruption of work, the project was then funded with state funds under T-17-P-002 for one year. The main tasks for those phases were to establish procedures and standards for data capture and management into a GIS framework, and to create a geospatial database for IDNR properties acquired with federal and dedicated funds (e.g. Pitman-Robertson, Dingell-Johnson, Habitat, Pheasant, Migratory Waterfowl Stamp, Furbearer, and 100% Fish and Wildlife Eligible funds). This early focus was needed as no way existed that would guide the planning of conservation practices allowable on those properties. This fourth phase of the project has expanded on previous work by adding properties located within the 31 Conservation Opportunity Areas (COAs) as outlined in the State Wildlife Action Plan, and finally any remaining state funded sites until all IDNR sites were included in the database.

The State Wildlife Action Plan identifies 31 specific Conservation Opportunity Areas (COAs) as high priorities for protection and management. One objective of the State Wildlife Grant T-55-P-1 project is to assess the current status of the COA's and provide coordination among conservation partners to facilitate progress in addressing local COA needs and their role in the State Wildlife Action Plan. Comprehensive, reliable, and accessible information regarding all land holdings by IDNR, not just those acquired with federal funds is essential to the implementation of coordination and planning at the local level in coordination with the T-55-P-1 project. Accurate and up to date parcel level property information is critical for COA planning efforts because knowing whether on the ground implementation is being done on public or private lands will direct the management responsibility, the funding, and the personnel allocations for each COA-based project.

The geodatabase created for the OMLP project contains property boundaries at the parcel level and has been designed with the capability of mapping outer extent property boundaries, interior parcel lines, easement boundaries, lease boundaries, and land use information. A large portion of the mapping project has involved the thorough researching of existing paper and database records for each property. Extensive paper records have been collected over the years and each file has to be reviewed for relevant and critical historical information concerning appropriate uses and limitations on conservation practices inherent in each property. Most properties consist of multiple parcels; some of the more complex properties have hundreds of parcels.

Under this proposal, the GIS mapping of the IDNR OMLP data will continue until all of the remaining properties are entered into the standardized and accurate geodatabase structure that was developed during the first two phases of the mapping project and expanded upon in the third phase of the project. Properties that were prioritized lower in the immediate needs schedule were mapped during this fourth phase of the project. As part of this project, a procedure manual outlining methodology and associated protocols using ESRI's ArcGIS software has been updated to reflect all changes in data layers and attribute information, as well as version changes to the GIS software used to digitize the IDNR properties. This procedure manual will institutionalize the maintenance of the OMLP database and the inputting of new property acquisitions into the existing geodatabase. This will ensure that the OMLP information will be kept current and accurate, as existing IDNR staff will have their workloads adjusted to accommodate the OMLP database day-to-day housekeeping tasks. This institutionalization is critical to maintaining up-to-date property boundaries for the accurate tracking of conservation

management practices on all IDNR owned and leased properties. The procedure manual continues to be updated as needed.

To maximize its usefulness as information and planning tool, the OMLP database has been designed for integration with other agency databases. This will facilitate coordinated conservation management activity efforts within IDNR in support of the State Wildlife Action Plan.

Procedures and Results

An OMLP GIS database with property boundaries and associated management information was created using ArcGIS software. Appendix A shows the basic design structure of the OMLP GIS database. The geodatabase is a parcel-based mapping system with legal boundary descriptions obtained mainly from paper records housed and maintained in the Office of Realty and Environmental Planning at the IDNR office in Springfield. While many properties have fully documented boundary descriptions, some property acquisitions (generally those prior to the mid 1960s) were difficult to fully document and were therefore digitized using best available information or legal description. The master version of the OMLP geodatabase is housed in ArcSDE on an IDNR server in Springfield and managed by Charlie Foor. The geodatabase with IDNR properties completed through this fourth phase of the project has been copied to a CD and provided to IDNR and USFWS with this report. Version 2.0 of the OMLP User Manual has also been updated during this phase of the project and is also included on this CD. During subsequent phases of the project, additional properties will be added to the OMLP geodatabase housed in Springfield using ArcGIS via the Citrix sever, so that IDNR staff always has access to the most current version of the database.

Each property required thoroughly researching existing paper and database records for relevant and critical historical information at the offices of IDNR in Springfield. Personnel had to become familiar with the organization and format of the property documents. A data source checklist for researching realty paper files for each site is listed in Appendix B. An outline for the OMLP input methodology is listed in Appendix C. A step-by-step procedure for accurately and consistently digitizing all aspects of each property has been developed and implemented (see User Manual, Version 2.0 included on CD). The methodology and procedure process is continuously changing as new properties are completed and new data sources are made available. These changes and updates will be incorporated in the additional phases of the OMLP geodatabase as well as updated versions of the user manual.

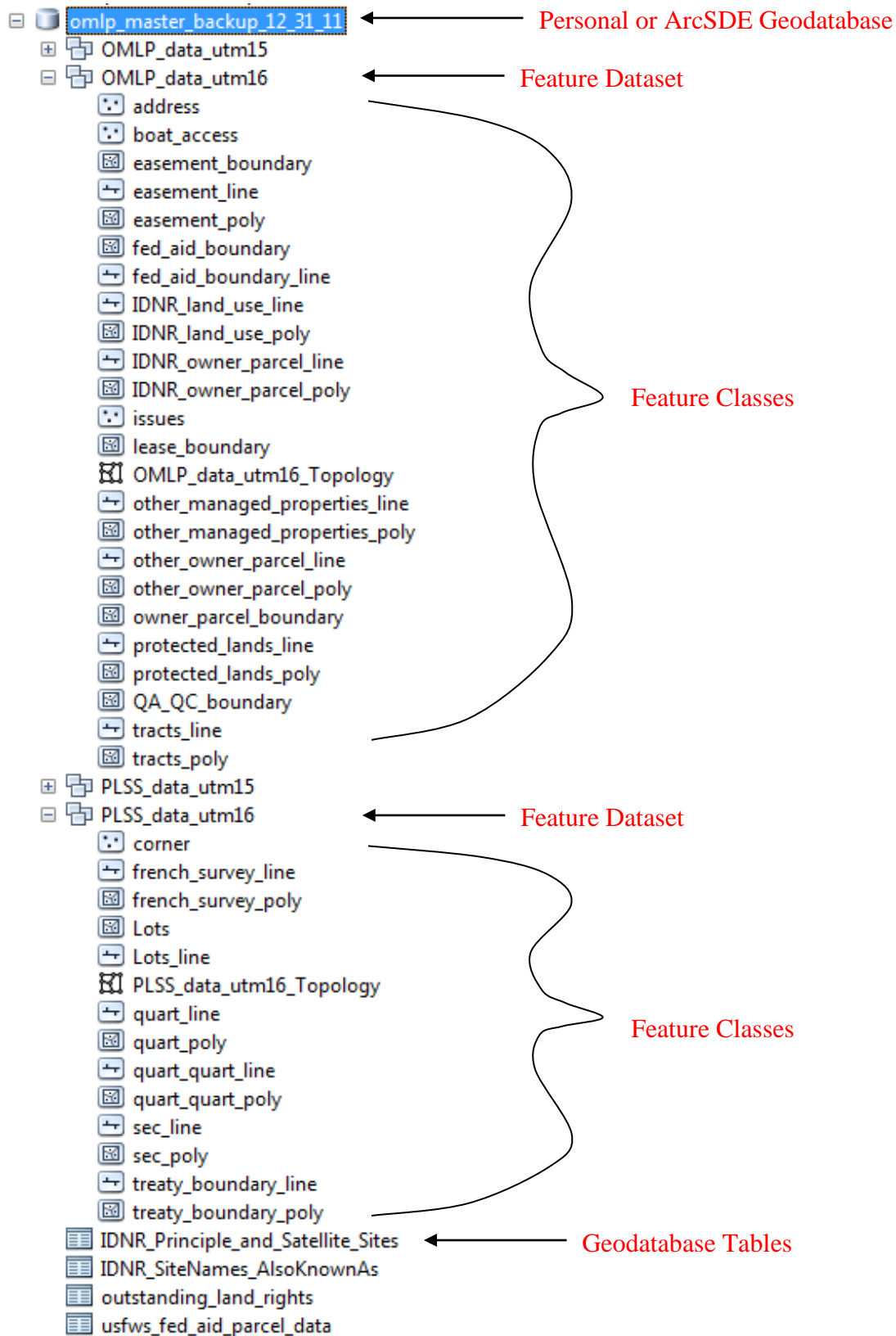
Federal Geographic Data Committee (FGDC) compliant metadata has been created for the GIS data layers and will be updated as necessary as additional phases of the OMLP project are completed in the future. Metadata is included on the CD provided to IDNR and USFWS. Some of the metadata provided on the CD will be modified as needed as work continues in the next phase of the project. An initial quality assurance, quality control (QA/QC) methodology was developed to insure the data created meets the accuracy standards defined in the OMLP project data input methodology. Changes and updates to the QA/QC methodology will be incorporated in the additional phases of the OMLP Project.

The IDNR Land and Water Report for June 30, 2007 lists 338 conservation-related properties which the department owns, manages, or leases, including state parks (66), conservation areas (20), fish facilities (4), natural areas (112), fish and wildlife areas (47), wildlife areas (2), trails and greenways (5), memorials (1), boat access areas (7), recreation areas (5), forests (7), game propagation centers (3),

tree nurseries (2), habitat areas (36), other departmental properties (17) and museum properties (4). A total of 330 IDNR sites (98%) have been completed by the end of this phase of the project, T-63-P-001. This includes 111 federal or special interest sites and 219 non-federal interest sites (Appendix D). Six federal interest sites and 98 non-federal interest sites were completed under this contract and parcel information has been updated for an additional 101 sites that were completed in earlier SWG contracts. There are 32 non-federal interest sites which are still in the QAQC process and data still needs to be copied into the master database. Appendix E lists the status and reason or issue for the 8 remaining sites not yet completed, which will be completed during the next phase of the project, FW-16-D-001.

Appendix A: OMLP Geodatabase Structure

Source: GIS and Land Records: The ArcGIS Parcel Data Model by Nancy von Meyer, 2004.



Appendix B: Data Source Checklist for Researching Realty Paper Files for Each Site

- Lands Acquisition Database – Print land card report for each site. NOTE: Check report to determine if parcels acquired prior to 6-30-65 are lumped together. If so, then extra effort will be required to determine if all conveyances are found.
- Check list of DOQ sites produced by Bob Sandidge in OREP to see if georeferenced CAD files based on DOQQ's have been created.
- Checking list of sites produced by Don Moles in OREP to see if georeferenced or survey grade GPS CAD files have been created.
- Check list of sites which have completed or partially completed Project Land Maps.
- Realty Central File Index - All correspondence and documents for each parcel reflecting entire acquisition process (list is in a binder in Kevin's office, files on individual parcels are in central copier area - moving shelves)
- Realty Central Files – Deed file. Check Central File Index to determine what has been microfilmed. (in central copier area – moving shelves)
- Microfilm of Acquisition Files – NOTE: Only need to look on microfilm if no paper copy is located. (microfilm machine is located in Kevin's office)
- Site files – NOTE: May contain more deeds than the deed file in central files. (by windows, on either side of the copier).
- Acquisition Plats – NOTE: If prepared by B.L. Sandidge in 1997, or after, or by Don Moles, there should be a CAD file. If reference to land survey then plat of survey should be in the file. (by windows in labeled cabinet)
- Boundary Maps – NOTE: Scale is an indication of accuracy. Compare date of map to acquisition date to determine if it is up to date. (by windows, next to acquisition plats)
- Plats of Survey Index and File – Any large maps or surveys that were conducted for a site. (in cabinets and tubes in drafting room)
- Technical Reference Materials – Check index content and determine if file contains helpful information. (in drafting room)
- ORC Paper or Microfiche files for Federal Funds Acquisition Records - NOTE: only need to look on microfiche if no paper copy is located. (3rd floor central copier area and SE corner)
- Nature Preserve and Land and Water Reserve Dedications - Only need to get documents and legal descriptions if a site contains a Nature Preserve and Later and Water Reserve. (INPC master files located 3rd floor central area by copier)
- Land and Water Report – Compare total acreage on in report to Access database report (land card). NOTE: If they do not match it raises a red flag.
- State Archives – NOTE: May need to go to the archives if no deed information was located in Realty files.
- County Recorders Office - NOTE: May need to go to the county recorder's office if no deed information was located in Realty files or the State Archives.

Appendix C: OMLP Input Methodology Outline

- 1 All property data will be created from UTM NAD83 DOQQs or from CADD data developed from survey grade GPS or existing survey work.
- 2 Property data will be constructed from 1.) PLSS TRS data adjusted to the DOQQs by sight when corners are clearly visible on the DOQQ, 2.) measured from distances acquired from original GLO plats, or 3.) extrapolated from corners on the DRGs as a last resort.
- 3 All relevant OREP and Fed Aid documents will be reviewed as a part of the pre-input procedure for each site or property. Copies of deeds and other relevant documents will be made by the site technician.
- 4 A site technician will be assigned to each site or property to carry out all research and data input tasks for that site from beginning to completion.
- 5 All ownership parcels will be researched and digitized within each property boundary for all Fed Aid associated properties.
- 6 The complete exterior boundaries of all ownership parcels for a property will be topologically coincident and be used to construct the finished site or property boundary.
- 7 A scale of 1:3,000 will be used for all heads-up digitizing on DOQQ-based work. This is especially important for the placement of PLSS-TRS section corners and the creation of boundaries created by tracing road centerlines or stream centerlines.
- 8 The OMLP Geo-databases are constructed in the UTM meter projection, using the NAD83 datum, with one database in UTM Zone 16 and another based in UTM Zone 15. This was done to maximize accuracy and transferability into more accurate coordinate systems in the future.
- 9 Please refer to the itemized list of research documents for a detailed account of the research trail pursued for each site.
- 10 The first priority for the OMLP project will be to digitize all ownership parcels, property boundaries, use parcels, and federally defined project boundaries for all sites where federal funds were used to purchase parcels.
- 11 The second priority will involve digitizing sites where “special funds” were used to purchase parcels.
- 12 The third priority will be to digitize all sites with federal interest but not federal purchased.
- 13 A forth priority will be to digitize any sites that DNR manages but does not own and that has federal interests.
- 14 Backups of personal Geo-databases (both Champaign and Springfield) must done daily. One backup copy should go to a designated location on the DNR network hard drives and one backup should go to CD for storage off site.
- 15 Proposed changes to one of the personal Geo-databases must be relayed to SDE / Data Manager ASAP so that the changes can be oked and then applied to the other database, maintaining 100% capability between to two.
- 16 Both personal Geo-databases will be reconciled to 100% coincidence on a weekly basis by the SDE / Data Manager.

Appendix D: Completed IDNR Owned, Managed, and Leased Sites

- 1 Adeline Jay Geo-Karis Illinois Beach ^{A B}
- 2 Alorton Heron Rookery ^E
- 3 Alvah Borah ^A
- 4 Anderson Lake ^{1 4 7 8}
- 5 Annbriar Karst ^G
- 6 Apple River Canyon ^G
- 7 Argyle Lake ⁹
- 8 Ayers Sand Prairie ^A
- 9 Banner Marsh ^{8 9}
- 10 Barton-Sommer Woodland ^G
- 11 Beall Woods ^A
- 12 Beaver Dam ¹
- 13 Benton Mine Rescue Station ^G
- 14 Berryville Shale Glade ^G
- 15 Big Bend ^{2 4}
- 16 Big Grand Pierre Glade ^A
- 17 Big River ⁹
- 18 Birkbeck ³
- 19 Black Crown Marsh ^D
- 20 Bradford ³
- 21 Briscoe Mounds ^G
- 22 Brown Barrens ^G
- 23 Buffalo Rock ^D
- 24 Bull Valley ^{D E}
- 25 Burnham Greenway ^{D E}
- 26 Burton Cave ^G
- 27 [Butterfield Trail](#) ^G
- 28 Cache River ^{4 7}
- 29 Calamus Lake ^{D E}
- 30 Campbell Pond ^{1 4}
- 31 Cape Bend ^A
- 32 [Carlyle Dam West Resort Area](#) ^G
- 33 Carlyle ^{4 8 10}
- 34 Castle Rock ^{A F}
- 35 Cave-In-Rock ^{A C}
- 36 Cecil E. Meeker ^G
- 37 Cecil White Prairie ^G
- 38 Cedar Glen ^A
- 39 Cedar Lake Bog ^{A D E}
- 40 Chain-O-Lakes ^{1 9}

- 41 Channahon^G
- 42 Chauncey Marsh^G
- 43 Chestnut Hills^G
- 44 Chouteau Island^F
- 45 Clear Creek Wetland^A
- 46 Clifton³
- 47 Clinton Lake⁷⁹
- 48 Coffeen Lake⁸⁹
- 49 Coleta Ponds^G
- 50 Collier Limestone Glade^A
- 51 Conservation World^G
- 52 Copperhead Hollow¹⁰
- 53 Crawford County^A
- 54 Cretaceous Hills^{ADE}
- 55 Crow's Foot^{AE}
- 56 Cypress Pond^D
- 57 Dean Hills^D
- 58 Deer Pond^D
- 59 Delabar^A
- 60 Denby Prairie^E
- 61 Des Plaines⁹
- 62 Des Plaines Game Propagation Center⁸
- 63 Devil's Island^{AF}
- 64 Devil's Prop^G
- 65 Dickson Mounds Museum^D
- 66 Dixon Springs^A
- 67 Donnelly⁸
- 68 Double "T"⁷
- 69 Dublin Highlands³
- 70 Dunning Read^G
- 71 Eagle Creek^D
- 72 Eagles Landing^A
- 73 Edward R. Madigan^D
- 74 Eldon Hazlett⁹
- 75 Ellison Creek^A
- 76 Elton E. Fawks Bald Eagle Refuge^{AE}
- 77 Emiquon⁴
- 78 Fall Creek Scenic Overlook^A
- 79 Ferne Clyffe^{AF}
- 80 Finrock²
- 81 Flag Pond^G
- 82 Fogelpole Cave^{AE}

- 83 Foley Sand Prairie ^A
- 84 Fort Edwards ^A
- 85 Fort Massac ⁹
- 86 Fox Ridge ^G
- 87 Fox River ^{A D}
- 88 Frank Holten ^B
- 89 Franklin Creek ^A
- 90 [Freeman Mine](#) ^E
- 91 French Bluff ^A
- 92 Friends Creek ²
- 93 Finrock ²
- 94 Fults Hill Prairie ^D
- 95 Funks Grove ^G
- 96 Gebhard Woods ^G
- 97 Geissler Savanna ^G
- 98 [George S. Park Memorial Woods](#) ^A
- 99 Giant City ^G
- 100 Gibbons Creek Barrens ^A
- 101 Gifford ³
- 102 Gillespie Prairie ^E
- 103 Ginther Farm ^G
- 104 [Golconda Marina](#) ^A
- 105 Goode's Woods ^E
- 106 Goose Lake Prairie ^G
- 107 Gooseberry Island ^{A D E}
- 108 [Grandville Woods](#) ^G
- 109 Green River ^{1 8}
- 110 Grigsby Marsh ^A
- 111 Grub Hollow Prairie ^A
- 112 Guthrie Cave ^{D E}
- 113 Hallsville ³
- 114 Hamilton County ^G
- 115 Hanging Rock Sandstone Cliff ^A
- 116 Hanover Bluff ^A
- 117 Harlem Hills ^D
- 118 Harper-Rector Woods ^G
- 119 Harry "Babe" Woodyard ^D
- 120 [Havanna Field Headquarters](#) ^G
- 121 Hazel and Bill Rutherford's Wildlife Prairie Park ^G
- 122 Hegewisch Marsh ⁶
- 123 Heidecke Lake Fish and Wildlife Area ⁹
- 124 Henderson County ^A

- 125 Henderson Creek ¹⁰
- 126 Hennepin-Hopper Lake ^{6 7}
- 127 Henry Allan Gleason ^D
- 128 Heron Woods ^D
- 129 Herschel Workman ³
- 130 Hidden Springs ^D
- 131 Hindsboro ^{2 3}
- 132 Hitts Siding Prairie ^{A D}
- 133 Horseshoe Lake - Alexander ^{1 8 9}
- 134 [Horseshoe Lake – Madison](#) ^G
- 135 Hurricane Creek ²
- 136 Illini ⁹
- 137 Illinois Caverns ^{A E}
- 138 [Illinois River Biological Station](#) ^G
- 139 Iris and Jack Witkowsky ^A
- 140 Iroquois County ⁸
- 141 Iroquois Woods ^{D E}
- 142 Jack C. Pershchbacher Service Center ^D
- 143 Jackson Slough Woods ^A
- 144 Jake Wolf Memorial Fish Hatchery ⁹
- 145 James "Pate" Phillip ^D
- 146 James H. Helfrich Game Propagation Center ⁸
- 147 Jim Edgar Panther Creek ^{C F}
- 148 Johnson-Sauk Trail ⁹
- 149 Jubilee College ^F
- 150 Julius J. Knobloch Woods ^G
- 151 Kankakee River ⁹
- 152 Kankakee River Dam ^D
- 153 Kickapoo ⁹
- 154 Kidd Lake Marsh ⁷
- 155 Kilbuck Creek ^G
- 156 Kinkaid Lake ⁹
- 157 Kishwaukee River ^G
- 158 [Lake Como](#) ^A
- 159 Lake DePue ⁴
- 160 Lake in the Hills Fen ^{D E}
- 161 Lake Le-Aqua-Na ⁹
- 162 Lake Murphysboro ⁹
- 163 Lake Renwick Heron Rookery ^D
- 164 [LaSalle Fish Hatchery](#) ^D
- 165 LaSalle Lake ^{9 10}
- 166 Lincoln Trail ⁹

- 167 Lincoln Trail Homestead⁹
- 168 Little Grassy Fish Hatchery⁹
- 169 Little Rock Creek²
- 170 Loda^G
- 171 Long Branch Sand Prairie^A
- 172 Long Run Seep^D
- 173 Lovet's Pond^A
- 174 Lowden^A
- 175 Lowden-Miller^{A F}
- 176 Lower Fox River - Blake's Landing^{A D}
- 177 Lusk Creek Canyon^A
- 178 Mackinaw River⁸
- 179 Manito³
- 180 Manito Prairie^G
- 181 Margaret Guzy Pothole Wetlands^E
- 182 Marissa Woods^G
- 183 Marseilles^{D E}
- 184 Marshall^{1 7 8}
- 185 Mason State Tree Nursery^D
- 186 Massasauga Prairie^G
- 187 Matanzas Prairie^A
- 188 Matthiessen^D
- 189 Mautino^E
- 190 [Max and Edward Rowe](#)^A
- 191 Maytown³
- 192 Mazonia-Braidwood⁸
- 193 McClure School Shale Glades^{A E}
- 194 [McMaster Woods](#)^A
- 195 Meredosia Hill Prairie^G
- 196 [Meredosia Lake](#)^A
- 197 Mermet^{1 8}
- 198 Meyers Landing^G
- 199 Middle Fork^G
- 200 Milk's Grove²
- 201 Miller-Shrub Swamp^G
- 202 [Miller-Anderson Woods](#)^{A D}
- 203 Millhurst Dam^{A D}
- 204 Millhurst Fen^{A D}
- 205 Milroad Marsh⁴
- 206 [Mine Rescue Station](#)^G
- 207 Mineral Marsh^G
- 208 Mississippi Palisades⁹

- 209 Mississippi River Sand Hills ^A
- 210 Mitchell's Grove ^{DE}
- 211 [Modoc Shelter](#) ^G
- 212 Momence Wetlands ⁹
- 213 [Montebello](#) ^A
- 214 Moraine Hills ^{2 9}
- 215 Moraine View ^{2 9 10}
- 216 [Morris Wetland Mitigation Site](#) ^G
- 217 Morrison-Rockwood ⁹
- 218 Mt. Vernon Game Propagation Center ⁸
- 219 Nachusa Prairie ^A
- 220 [Nauvoo](#) ^A
- 221 Newton Lake ^{8 9}
- 222 North Point Marina ^{AC}
- 223 Oakford ^G
- 224 Old Plank Road ^D
- 225 Palatine Road Marsh ^E
- 226 Peabody River King ⁸
- 227 Pecumsaugan Creek/Blackball Mines ^D
- 228 [Pekin Lake](#) ^A
- 229 Peoria Salvation Army Woods ^A
- 230 Perdueville ³
- 231 Pere Marquette ⁹
- 232 Piatt County Unit ^G
- 233 Pine Rock ^G
- 234 Piney Creek Ravine ^A
- 235 [Powerton Lake](#) ^A
- 236 Prairie Bluff ^D
- 237 Prairie Ridge – Jasper ¹¹
- 238 Prairie Ridge – Marion ¹¹
- 239 [Prairie State Eagle Refuge](#) ^A
- 240 Primm's Pond ^A
- 241 [Prophetstown](#) ^A
- 242 Putnam County ^{AD}
- 243 Pyramid ⁹
- 244 Rail Splitter ^E
- 245 Rall Woods ^A
- 246 Ramsey Lake ^D
- 247 Randolph County ⁹
- 248 Ray Norbut ^{2 8}
- 249 Red Hills ⁹
- 250 Redwing Slough ¹¹

- 251 Reed Wildlife ^A
- 252 Region V Headquarters ^D
- 253 Rend Lake ⁸⁹
- 254 Revis Hill Prairie ^G
- 255 Rice Lake ¹⁸
- 256 Rock Cave ^D
- 257 Rock Cut ⁹
- 258 Rock Island Trail ^A
- 259 Rockton Bog ^D
- 260 Sahara Woods ^D
- 261 Saline County ⁹
- 262 Sam and Florence Atkinson Forest ^A
- 263 Sam Dale Lake ¹
- 264 Sam Parr ⁹
- 265 Sand Prairie ³
- 266 Sand Prairie-Scrub Oak ^A
- 267 Sand Ridge ²
- 268 Sandy Ford ^{DE}
- 269 Sangamon River ²
- 270 Sanganois ¹⁷⁸
- 271 Sangchris Lake ²³⁴⁹
- 272 Saybrook ³
- 273 Schmoeger Park Buffer ^A
- 274 Shabonna Lake ¹⁹
- 275 Shelbyville ⁸⁹
- 276 Shick Shack Sand Pond ^G
- 277 Sibley ^G
- 278 Sielbeck Forest ^{AD}
- 279 Siloam Springs ⁹¹⁰
- 280 Silver Springs ^{AD}
- 281 Sipple Slough Woods ^G
- 282 Skinner Farm ^A
- 283 Snakeden Hollow ⁸
- 284 [South Shore](#) ^D
- 285 Southern Illinois Artisan Shop and Visitor's Center ^D
- 286 Sparks Pond ^D
- 287 [Spitler Woods](#) ^D
- 288 Spoon River ^G
- 289 Spring Bay Fen ^A
- 290 Spring Grove Fish Hatchery ^D
- 291 Spring Lake ⁷⁸⁹
- 292 [Springfield IDNR Service Buildings](#) ^G

- 293 Starved Rock⁹
- 294 Stemler Cave Woods^E
- 295 Stephen A. Forbes¹⁹
- 296 Steward³
- 297 Stiritz Landing^G
- 298 Sunbury Railroad Prairie^D
- 299 Swayne Hollow^A
- 300 Tapley Woods^A
- 301 Ten Mile Creek⁸
- 302 Thorn Creek Woods^{DE}
- 303 Trail of Tears^{A EF}
- 304 Tunnel Hill^D
- 305 Turkey Bluffs¹
- 306 Union County¹⁸
- 307 Union State Tree Nursery^G
- 308 [Veteran's Parkway Mitigation Site](#)^G
- 309 Victoria³
- 310 Volo Bog^{A DE}
- 311 Wagon Lake
- 312 Walnut Point^{9 10}
- 313 Ward's Grove^G
- 314 Washington County⁹
- 315 Wayne Fitzgerald State Park⁹
- 316 Weinberg-King^{A F}
- 317 Weldon Springs^D
- 318 White Pines Forest^A
- 319 Whitefield³
- 320 Wildcat Hollow²
- 321 William G. Stratton⁹
- 322 William W. Powers^{C D}
- 323 Willow Creek²
- 324 Wilmington Shrub Prairie^{A D}
- 325 Wise Ridge Bedrock Trail^G
- 326 Wolf Creek^D
- 327 Wolf Road Prairie^D
- 328 Woodford⁸
- 329 World Shooting Complex⁹
- 330 Yorkville Prairie^{A D}

NOTE: Sites in [BLUE](#) indicate non-federal interest sites which are still in the QAQC process and data needs to be copied into the master database

Priority Ranking of Federal Interest Sites

- ¹ IDNR Lands with Federal Interest (PR/DJ)
- ² Illinois Habitat Fund
- ³ State Pheasant Fund
- ⁴ State Migratory Waterfowl Stamp Fund
- ⁵ State Furbearer Fund
- ⁶ Non-DNR owned Lands with Federal Interest (Land Rights)
- ⁷ IDNR Lands with Federal Interest - (NAWCA)
- ⁸ 100% Wildlife and Fish Eligible Sites
- ⁹ Lake Developments and Major Construction Project (Boat Access) with Federal Participation (DJ only)
- ¹⁰ Hunter Heritage Funds
- ¹¹ Land and Water Conservation Fund (LAWCON)

Priority Ranking of Remaining State Sites

- ^A Sites within the 31 Conservation Opportunity Areas (COAs)
- ^B Sites which are highly used by the public (over 1 million people annually – 2007 LWR)
- ^C Sites which are highly used by the public (over 500,000 people annually – 2007 LWR)
- ^D Sites adjacent too or near already completed Federal Interest sites
- ^E Satellite or Principle sites of already completed sites
- ^F Large sites based on LWR Acreage (> 2000 acres)
- ^G Remaining state sites

Appendix E: Status of Remaining Federal Interest Sites

<u>Site Name</u>	<u>Status</u>	<u>Reason/Issues</u>
Hennepin Canal ^{A B F}	Not started.	This site has been researched, but not digitized and will be completed during the next phase of the project.
Illinois and Michigan Canal ^{A D}	Not started.	This site has been researched, but not digitized and will be completed during the next phase of the project.
Kaskaskia River ^{1 7 8 9}	In progress.	This site is very large and complex. Paper records are being copied and scanned directly from the Illinois State Archive's and will be completed during the next phase of the project.
Mississippi River ^{2 4 5 7 8}	In progress	Majority of this site is leased from the US Army Corp of Engineers (USACE). A great deal of time and effort was spent obtaining paper records from the USACE office in St. Louis, MO. Need to determine the current lease boundary from agreements and maps. This site will be completed during the next phase of the project.
This includes the following which are listed separately in the LWR: Red's Landing Rip Rap Landing Titus Hollow (Pool 25)		
Mississippi River Pools 12-22 (General Plan Lands)	Not started.	Majority of this site is leased from the US Army Corp of Engineers (USACE). A great deal of time and effort was spent obtaining paper records from the USACE office in St. Louis, MO and researching IDNR files. Have Cooperative Agreement dated 5/3/54, but don't have any large exhibit maps showing lease area, which will make this a difficult site to complete without additional information.
This also includes the following boat access areas (BAA): Crosses Corner (Pool 17) Henderson Creek (Pool 19) Michelson's Landing (Pool 13) Miller's Hollow (Pool 13) Nauvoo Flat Wildlife Sanctuary (Pool 19) Oquawka (Pool 18) Putney's Landing (Pool 18)		

Prairie Wind ^G	Not started and no plans to complete.	Very complex site and IDNR is currently selling off this property. Thus, this site will not be mapped as part of this project.
Sangamon Valley ^G	Not started and no plans to complete.	Very complex site and IDNR is currently selling off this property. Thus, this site will not be mapped as part of this project.
Thomson-Fulton Sand Prairie ^A	In progress.	Site has been researched and partially digitized. Need historical aerial photos in order to complete and the photos for this county have not been scanned yet. This site will hopefully be completed during the next phase of the project.

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