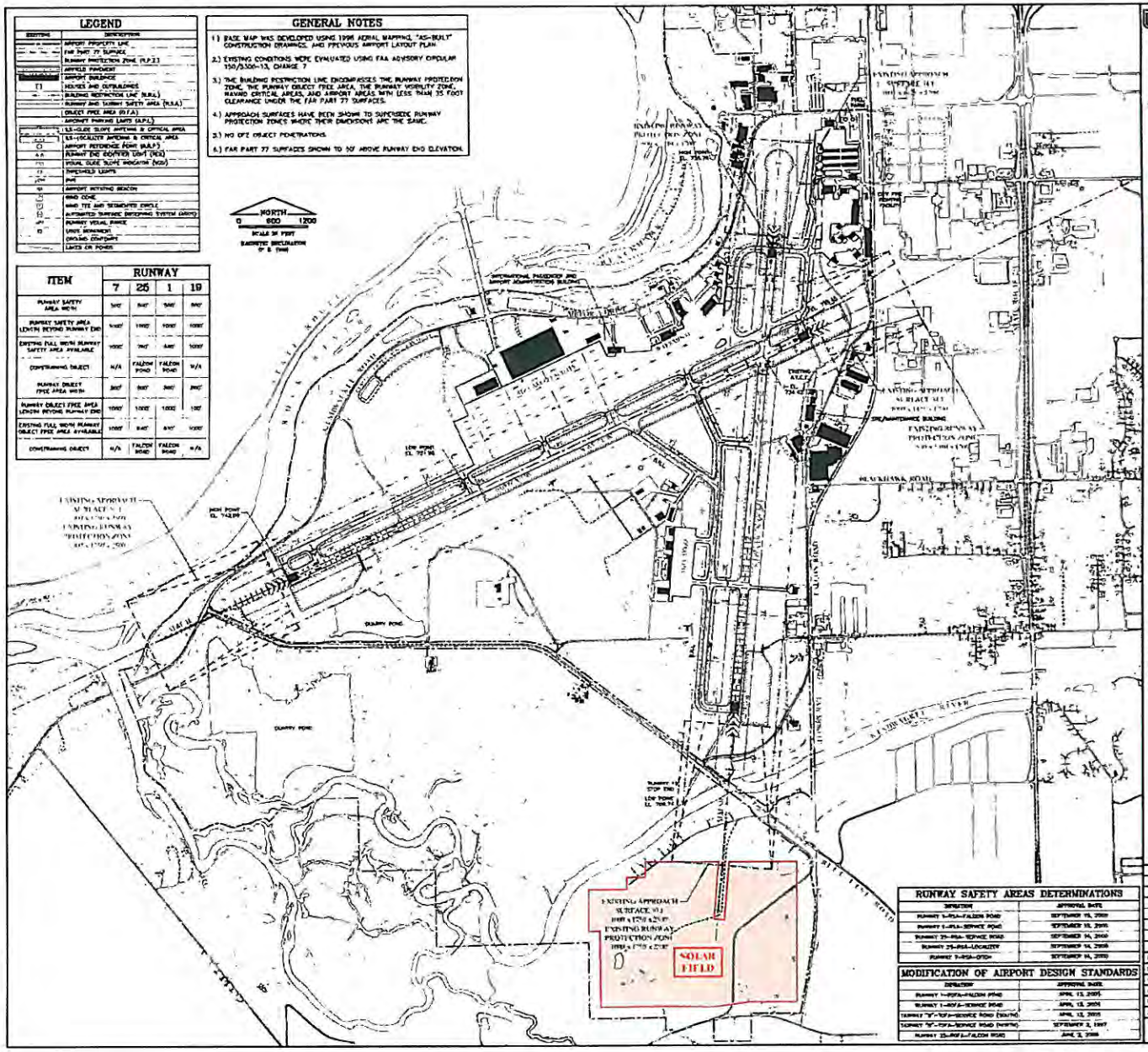

LEGEND
GENERAL NOTES
1.) BASE MAP WAS DEVELOPED USING 1996 AERIAL MAPPING, "AS-BUILT" CONSTRUCTION DRAWINGS, AND PREVIOUS AIRPORT LAYOUT PLAN
2.) EXISTING CONDITIONS WERE EVALUATED USING FAA ADVISORY CIRCULAR 150/5300-13, CHANGE 7
3.) THE BUILDING RESTRICTION LINE ENCOMPASSES THE RUNWAY PROTECTION ZONE, THE RUNWAY OBJECT FREE AREA, THE RUNWAY VISIBILITY ZONE, NAVAID CRITICAL AREAS, AND AIRPORT AREAS WITH LESS THAN 35 FOOT CLEARANCE UNDER THE FAR PART 77 SURFACES.
4.) APPROACH SURFACES HAVE BEEN SHOWN TO SUPERSEDE RUNWAY PROTECTION ZONES WHERE THEIR DIMENSIONS ARE THE SAME.
5.) NO OFZ OBJECT PENETRATIONS.
6.) FAR PART 77 SURFACES SHOWN TO 50' ABOVE RUNWAY END ELEVATION.
NORTH
0 600 1200
SCALE IN FEET
ITEM
RUNWAY
7
25
1
19
RUNWAY SAFETY AREA WIDTH
RUNWAY SAFETY AREA LENGTH BEYOND RUNWAY END
EXISTING FULL WIDTH RUNWAY SAFETY AREA AVAILABLE
CONSTRAINING OBJECT
N/A
FALCON ROAD
FALCON ROAD
N/A
RUNWAY OBJECT FREE AREA WIDTH
RUNWAY OBJECT FREE AREA LENGTH BEYOND RUNWAY END
EXISTING FULL WIDTH RUNWAY OBJECT FREE AREA AVAILABLE
CONSTRAINING OBJECT
N/A
FALCON ROAD
FALCON ROAD
N/A
EXISTING APPROACH SURFACE
EXISTING RUNWAY PROTECTION ZONE
SOLAR FIELD
RUNWAY SAFETY AREAS DETERMINATIONS
MODIFICATION OF AIRPORT DESIGN STANDARDS
CMT
RFD
EXISTING AIRPORT LAYOUT PLAN SHEET
REVISIONS
1 OF 1

Anderson
environmental&engineering

Record of Communication

Date: 7/15/2010

AEE Representative: Jennifer Anderson

Regarding: Rockford Solar

Contact Person: Carrie Sauko

Company: IL Dept. of Ag - Bureau of Land + Water Resources

Phone: 217/785-4458

How Contact Initiated: Phone ☒

Summary:

Ms. Sauko indicated the project area is on property owned by the airport, therefore they will have no comments.

Recommended contacting Terry Schaddel at Dept. of Aeronautics

Illinois Department of
Natural Resources
One Natural Resources Way Springfield, Illinois 62702-1271
http://dnr.state.il.us

Pat Quinn, Governor
Marc Miller, Director

March 09, 2010

Alyson Grady
Illinois Department of Commerce and Economic Opportunity
620 East Adams
Springfield, IL 62701

Re: Rockford Solar Partners ARRA REPP
Project Number(s): 1006012
County: Winnebago

Dear Applicant:

This letter is in reference to the project you recently submitted for consultation. The natural resource review provided by EcoCAT identified protected resources that may be in the vicinity of the proposed action. The Department has evaluated this information and concluded that adverse effects are unlikely. Therefore, consultation under 17 Ill. Adm. Code Part 1075 and 1090 is terminated.

Consultation for Part 1075 is valid for two years unless new information becomes available that was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the project has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary. Consultation for Part 1090 (Interagency Wetland Policy Act) is valid for three years.

The natural resource review reflects the information existing in the Illinois Natural Heritage Database and the Illinois Wetlands Inventory at the time of the project submittal, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, you must comply with the applicable statutes and regulations. Also, note that termination does not imply IDNR's authorization or endorsement of the proposed action.

Please contact me if you have questions regarding this review.

Michael Branham
Division of Ecosystems and Environment
217-785-5500

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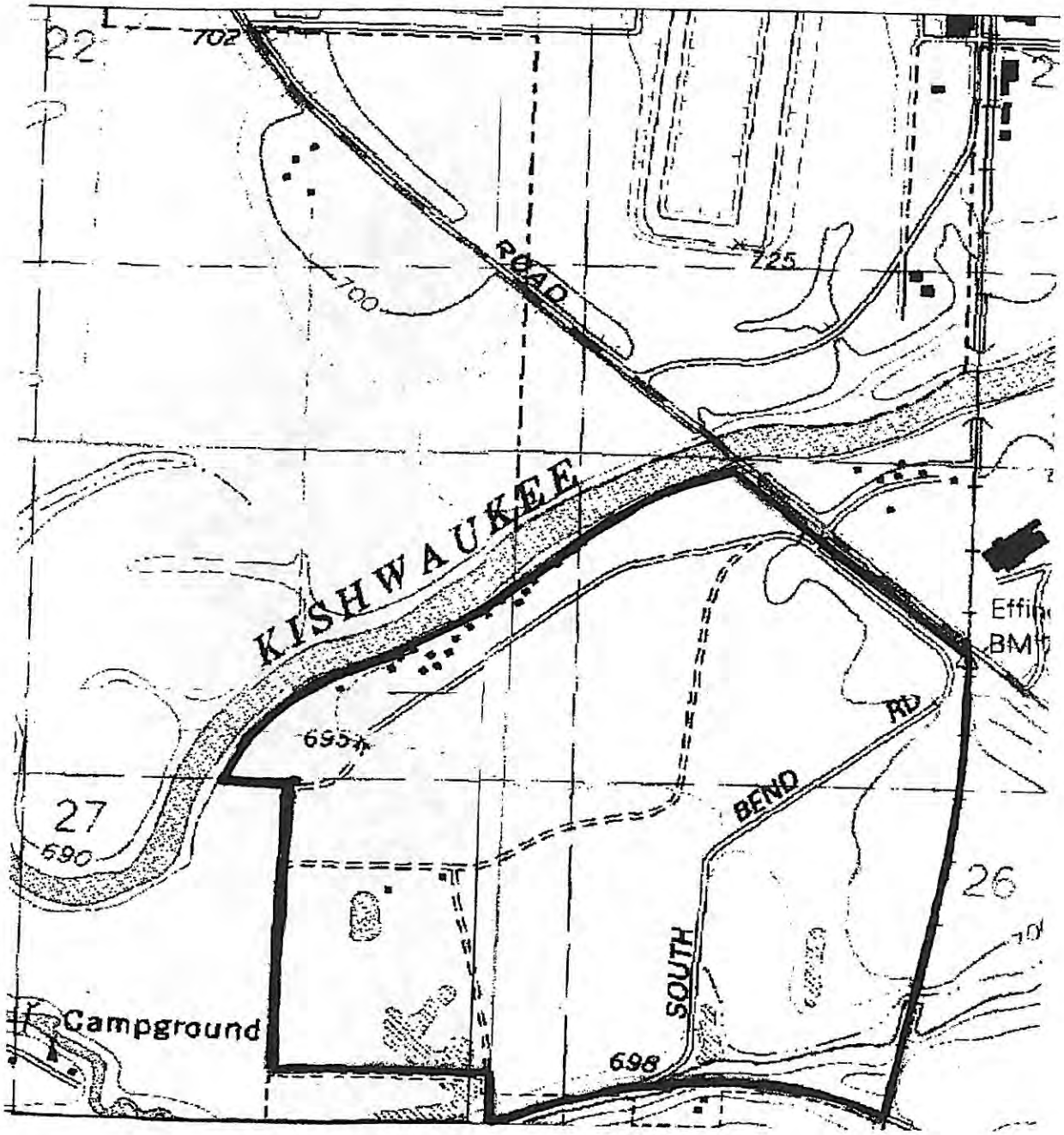
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Campground
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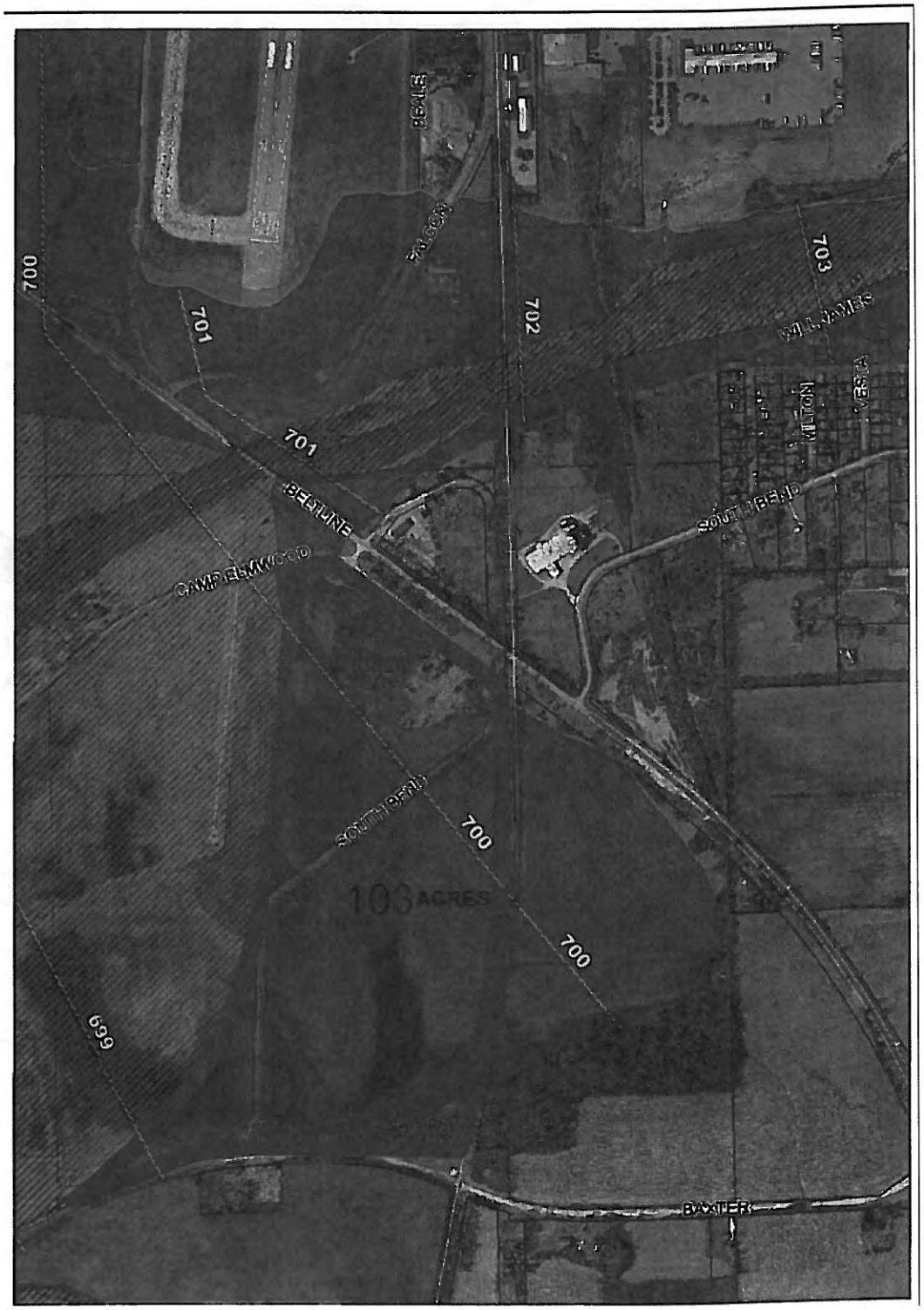
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701
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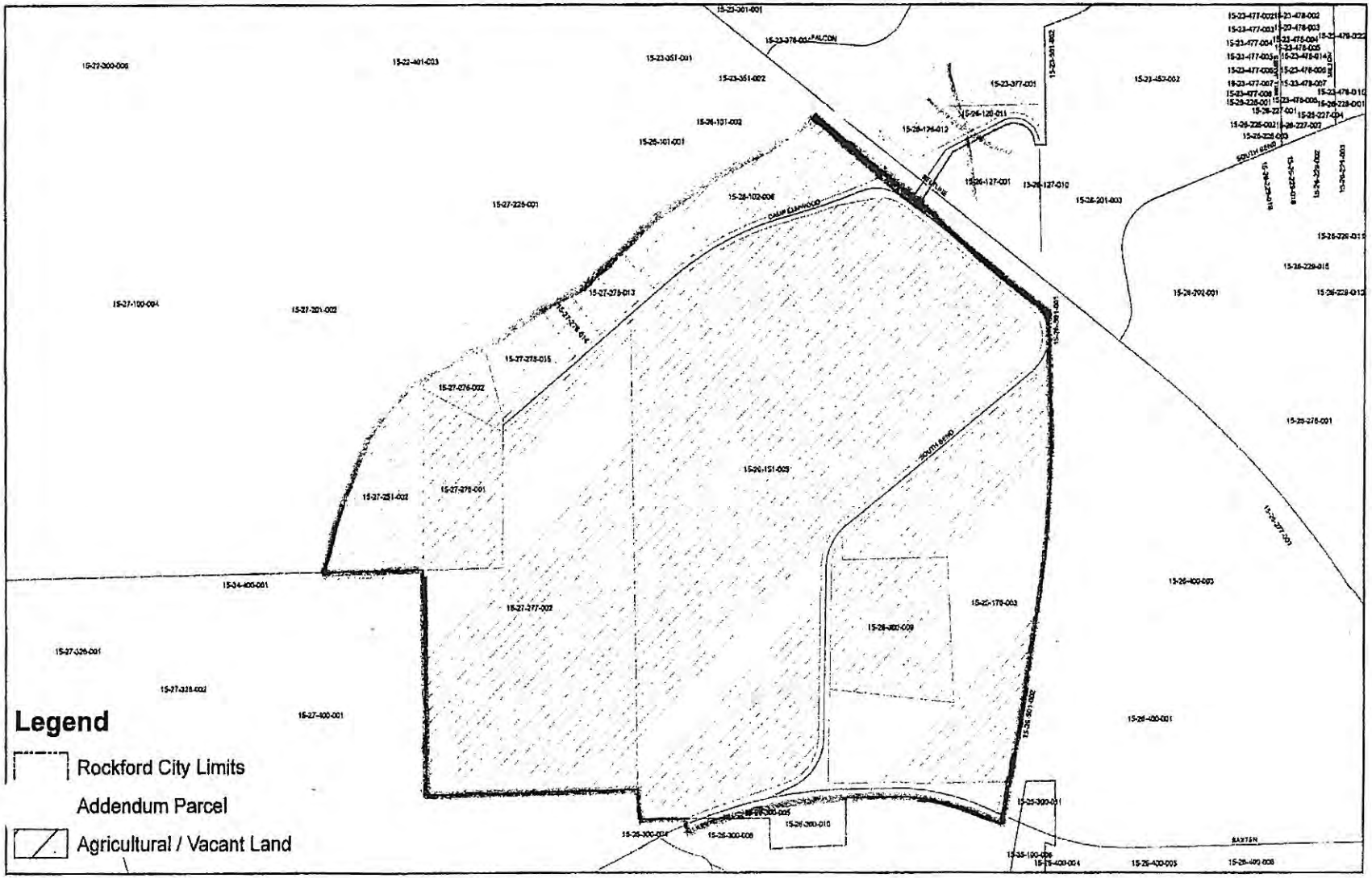
BELTLINE
CAMP ELMWOOD
SOUTH BEND
SOUTH BEND
700
103 ACRES
700
699
BAXTER

Redevelopment Project Area #1
Addendum Parcel
Current Land Use



EcoCAT
Ecological Compliance Assessment Tool

Applicant:	Illinois Department of Commerce and Economic Opportunity	*IDNR Project #:*	1006012
Contact:	Alyson Grady	Date:	02/08/2010
Address:	620 East Adams Springfield, IL 62701		

Project: Rockford Solar Partners ARRA REPP
Address: 5985 Logistics Parkway, Rockford

Description: The project will construct a 20 MW solar farm on approximately 100 acres of land.

Natural Resource Review Results

Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)
The Illinois Natural Heritage Database shows the following protected resources may be in the vicinity of the project location:

Bell Bowl Prairie INAI Site
Kishwaukee River INAI Site
Upland Sandpiper *(Bartramia longicauda)*

Wetland Review (Part 1090)
The National Wetlands Inventory shows wetlands within 250 feet of the project location.

An IDNR staff member will evaluate this information and contact you within 30 days to request additional information or to terminate consultation if adverse effects are unlikely.

Location
The applicant is responsible for the accuracy of the location submitted for the project.

County: Winnebago
Township, Range, Section:
43N, 1E, 26

IL Department of Natural Resources Contact
Michael Branham
217-785-5500
Division of Ecosystems & Environment

Local or State Government Jurisdiction
IL Department of Commerce and Economic Opportunity
Alyson Grady
620 East Adams
Springfield, Illinois 62701

Disclaimer

The Illinois Natural Heritage Database cannot provide a conclusive statement on the presence, absence, or condition of natural resources in Illinois. This review reflects the information existing in the Database at the time of this inquiry, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, compliance with applicable statutes and regulations is required.

Terms of Use

By using this website, you acknowledge that you have read and agree to these terms. These terms may be revised by IDNR as necessary. If you continue to use the EcoCAT application after we post changes to these terms, it will mean that you accept such changes. If at any time you do not accept the Terms of Use, you may not continue to use the website.

1. The IDNR EcoCAT website was developed so that units of local government, state agencies and the public could request information or begin natural resource consultations on-line for the Illinois Endangered Species Protection Act, Illinois Natural Areas Preservation Act, and Illinois Interagency Wetland Policy Act. EcoCAT uses databases, Geographic Information System mapping, and a set of programmed decision rules to determine if proposed actions are in the vicinity of protected natural resources. By indicating your agreement to the Terms of Use for this application, you warrant that you will not use this web site for any other purpose.

2. Unauthorized attempts to upload, download, or change information on this website are strictly prohibited and may be punishable under the Computer Fraud and Abuse Act of 1986 and/or the National Information Infrastructure Protection Act.

3. IDNR reserves the right to enhance, modify, alter, or suspend the website at any time without notice, or to terminate or restrict access.

Security

EcoCAT operates on a state of Illinois computer system. We may use software to monitor traffic and to identify unauthorized attempts to upload, download, or change information, to cause harm or otherwise to damage this site. Unauthorized attempts to upload, download, or change information on this server is strictly prohibited by law. Unauthorized use, tampering with or modification of this system, including supporting hardware or software, may subject the violator to criminal and civil penalties. In the event of unauthorized intrusion, all relevant information regarding possible violation of law may be provided to law enforcement officials.

Privacy

EcoCAT generates a public record subject to disclosure under the Freedom of Information Act. Otherwise, IDNR uses the information submitted to EcoCAT solely for internal tracking purposes.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 • (217) 782-2829
James R. Thompson Center, 100 West Randolph, Suite 11-300, Chicago, IL 60601 • (312) 814-6026

PAT QUINN, GOVERNOR DOUGLAS P. SCOTT, DIRECTOR

July 13, 2010

Ms. Jennifer Anderson
President
Anderson Environmental & Engineering
124 N. Water St., Ste 206
Rockford, IL 61107

Dear Ms. Anderson:

We have had an opportunity to review the proposed project for the solar field on Chicago/Rockford International Airport property.

The Agency has no objections to the project as described in your letter received in our office on July 12, 2010. If more than one acre is disturbed during construction, a construction site activity stormwater NPDES permit will be required from the Division of Water Pollution Control. You may contact Al Keller, 217-782-0610, with questions on NPDES permits.

Solid and hazardous waste must be properly disposed of or recycled.

Normal response time is between 2-4 weeks for engineers to review and comment on your proposed project . If you have need for an Environmental Review in the future, please submit your information to:
Illinois Environmental Protection Agency, Deputy Director's Office/MC #1,
PO Box 19276, Springfield, Illinois 62794-9276, **ATTN: DiAnne Schuerman**

Sincerely,

Lisa Bonnett

Lisa Bonnett
Acting Deputy Director

Illinois Historic
Preservation Agency

1 Old State Capitol Plaza • Springfield, Illinois 62701-1512 • www.illinois-history.gov

Winnebago County PLEASE REFER TO: IHPA LOG #043071210
Rockford
Chicago/Rockford International Airport, South Bend/Baxter Roads
Solar Field/Rockford Solar Environmental Assessment

July 15, 2010

Ms. Jennifer Anderson
Anderson Environmental & Engineering Company
President
124 North Water Street, Suite 206
Rockford, Illinois 61107

Dear Madam:

Thank you for requesting comments from our office concerning the possible effects of the project referenced above on cultural resources. Our comments are required by Section 106 of the National Historic Preservation Act of 1966 (16 USC 470), as amended, and its implementing regulations, 36 CFR 800: "Protection of Historic Properties".

The project area has not been surveyed and may contain prehistoric/historic archaeological resources. Accordingly, a Phase I archaeological reconnaissance survey to locate, identify, and record all archaeological resources within the project area will be required. This decision is based upon our understanding that there has not been any large scale disturbance of the ground surface (excluding agricultural activities) such as major construction activity within the project area which would have destroyed existing cultural resources prior to your project. If the area has been heavily disturbed prior to your project, please contact our office with the appropriate written and/or photographic evidence.

The area(s) that need(s) to be surveyed include(s) all area(s) that will be developed as a result of the issuance of the federal agency permit(s) or the granting of the federal grants, funds, or loan guarantees that have prompted this review.

Enclosed you will find an attachment briefly describing Phase I surveys and a list of archaeological contracting services. THE IHPA LOG NUMBER OR A COPY OF THIS LETTER SHOULD BE PROVIDED TO THE SELECTED PROFESSIONAL ARCHAEOLOGICAL CONTRACTOR TO ENSURE THAT THE SURVEY RESULTS ARE CONNECTED TO YOUR PROJECT PAPERWORK.

If you have further questions, please contact David J. Halpin, Staff Archaeologist at 217/785-4998.

Sincerely,

Anne E. Haaker

Anne E. Haaker
Deputy State Historic
Preservation Officer

AEH

Enclosure

Illinois Historic Preservation Agency

1 Old State Capitol Plaza • Springfield, Illinois 62701-1512 • www.illinois-history.gov

PROTECTING ILLINOIS' CULTURAL RESOURCES

An Introduction to Archaeological Surveys

Prepared by

ILLINOIS STATE HISTORIC PRESERVATION OFFICE

When you read the accompanying letter, you were notified that your Federal or State permitted, funded, or licensed project will require an archaeological survey. We also review projects that use public land. The purpose of this survey will be to determine if prehistoric or historic resources are present within the project area. If you are the average applicant you have had little or no experience with such surveys – this short introduction is designed to help you fulfill the Federal/State requirements and complete the process.

WHY PROTECT HISTORIC RESOURCES? Historic preservation legislation grew out of the public concern for the rapid loss of our prehistoric and historic heritage in the wake of increasingly large-scale Federal/State and private development. The legislation is an attempt to protect our heritage while at the same time allowing economic development to go forward.

WHAT IS THE LEGAL BASIS? The basis for all subsequent historic preservation legislation lies within the national Historic Preservation Act of 1966 (NHPA). Section 106 of NHPA requires all Federal Agencies "undertakings" to "take into account" their effect on historic properties. As of January 1, 1990, the State Agency Historic Resources Preservation Act (Public Act 86-707) requires the same for all private or public undertakings involving state agencies. An "undertaking" is defined to cover a wide range of Federal or State permitting, funding, and licensing activities. It is the responsibility of Federal/State Agencies to ensure the protection of historic resources and the State Historic Preservation Office (SHPO) regulates this effort. In Illinois the SHPO is part of the Illinois Historic Preservation Agency (IHPA).

WHAT IS AN ARCHAEOLOGICAL SURVEY? An archaeological survey includes both (1) an examination of the written records, such as county plat books, published and unpublished archaeological reports, state site files, and (2) a field investigation of the project area to determine if prehistoric or historic resources are present. This process of resource identification is called a Phase I survey.

WHAT DOES A PHASE I SURVEY REQUIRE? Archaeological evidence is normally buried beneath the surface of the ground. To determine if an archaeological site is present it is necessary to get below this surface. The most efficient way is by plowing. If the project area is or can be plowed then the artifactual evidence will be brought to the surface and systematic pedestrian surveys (walkovers) will determine if a site is present. These walkovers are best done when the vegetation is low in the fall or spring. If the project area is covered with vegetation then small shovel probes (1' sq.) are excavated on a systematic grid pattern (usually 50' intervals) to sample the subsurface deposits. Where deeply buried sites may be present, such as in floodplains, deep coring or machine trenching may be required.

WHO DOES ARCHAEOLOGICAL SURVEYS? Professional archaeologists who meet the Federal standards set forth in the Secretary of the Interior's Professional Qualifications Standards (48 FR 44738-9) may conduct Federal surveys, while those meeting the State standards set forth in the Archaeological and Paleontological Resources Protection Act (20 ILCS 3435) may conduct surveys on public land in the State (see the other side of this sheet for information on obtaining the services of a contract archaeologist). The applicant is responsible for obtaining and paying for such services.

AFTER THE SURVEY – WHAT NEXT? When the field investigations are completed the archaeologist will submit a report of their findings and recommendations to the applicant. **IT IS THE RESPONSIBILITY OF THE APPLICANT TO FORWARD TWO (2) PAPER COPIES AND ONE (1) CD WITH THE REPORT IN PDF FORMAT TO THE SHPO FOR EVALUATION AND FINDINGS.** If no sites were found or the sites found are not eligible for the National Register the project may proceed. Occasionally, a significant archaeological site may be encountered. In such a case the SHPO and the Federal or State Agency will work with the applicant to protect both the cultural resources and to facilitate the completion of your project.

NEED FURTHER ASSISTANCE? The IHPA is here to assist you and the Federal/State agencies in complying with the mandates of the historic preservation legislation. If you have questions or need assistance with archaeological resources protection or Federal/State compliance, please contact the Archaeology Section, Preservation Services Division, Illinois Historic Preservation Agency, One Old State Capitol Plaza, Springfield, Illinois 62701 (217-782-4836).

OVER

A teletypewriter for the speech/hearing impaired is available at 217-524-7128. It is not a voice or fax line.

Illinois Historic Preservation Agency

1 Old State Capitol Plaza • Springfield, Illinois 62701-1512 • www.illinois-history.gov

Illinois Historic Preservation Agency – Archaeology Section
Information for Developers and Agencies about general procedures for Phase 2 archaeology projects

Anyone notified of an archaeological site subject to Phase 2 testing in their project area, has several options:

1 Preserve the site by planning your project to avoid or greenspace the site, a deed covenant maybe necessary depending on the land ownership and the law the project is being reviewed under.
2. Hire an archaeological firm to conduct a Phase 2 project on the site.
3. Choose a different location for the project (generally means starting review process over from scratch, but there will be rare occasions when this is actually the fastest and cheapest option). This is something you may wish to consider if there are burials in the project area, or an extremely large or dense site in the project area.

Phase 2 archaeological projects consist of fieldwork, analysis, and report by the archaeological firm, and then review of the report by the IHPA and sometimes also by the funding or permitting agency, with additional work required part of time depending on the significance of the site(s). However, if a project has no significant sites after a Phase 2 project has been completed and reviewed, then the archaeology is completed as soon as IHPA accepts the report. If a project area has more than 1 site, each one is reviewed independently, in other words, one could be determined not significant and while another one is determined significant or potentially significant.

Phase 2 field work generally consists of obtaining good artifact type and location data from the site surface by methods such as grid collections, piece plotting, etc., this is followed by a small scale excavation. In some cases the fieldwork (commonly called test units) can be done with assistance of machines like backhoes or occasionally even large equipment like belly scrapers (plowed or partially disturbed sites), but sometimes it is necessary to dig by hand (mounds, unplowed sites, or inaccessible locations). The test units are excavated to the base of the plowzone or topsoil, and then the base of the unit is checked for presence of archaeological features (foundations, pits, hearths, burials, middens, etc.) If features are present, a small number (generally not more than 5-10) of them are excavated to provide information about the site's age, function, integrity, etc. Samples of soil from each feature for botanical and zoological analysis are usually taken. Also on floodplains of large rivers, several additional "deep" trenches are usually necessary to check for buried sites. The amount of time required for fieldwork is highly dependent on the size of a site, on whether machines can be used, and on the density of features, as well as the weather.

Analysis at Phase 2 consists of identifying and inventorying all of the artifacts recovered and preparing data recorded in the field for a report. The length of time needed is again highly variable based on the factors listed above. The report describes the field and lab information, provides a preliminary interpretation of the site, and makes recommendations concerning the significance of the site.

The archaeology staff at the State Historic Preservation Office (IHPA in Illinois) and sometimes the archaeologists at the lead funding or permitting agency review the report. Based on the report and their knowledge of regional archaeological, they determine (following criteria outlined in the appropriate law and regulations for each project) if the work done was acceptable, and whether the site(s) are not significant and need no further investigation or are significant. If a site is significant (meets the eligibility criteria for the National Register of Historic Places), the choices are mitigation (generally by complete excavation) or preservation.

Joseph S. Phillippe, Chief Archaeologist (1-1-2005)

A teletypewriter for the speech/hearing impaired is available at 217-524-7128. It is not a voice or fax line.

CENTRAL REGION CON'T

Mr. Mark C. Branstner
Great Lakes Research, Inc.
Post Office Box 2341
Champaign, Illinois 61825-2341
517-927-4556
mark.branstner@branstner.com

Dr. Fred A. Finney
Upper Midwest Archaeology
Post Office Box 106
St. Joseph, Illinois 61873-0106
217-469-0106 (voice/fax same)
cell 217-778-0348
FAFinney@aol.com

Center for American Archeology
(Kampsville Archeological Center)
Post Office Box 22
Kampsville, Illinois 62053
618-653-4316 / 4232 (fax)
gail@caa-archeology.org

Mr. David J. Nolan
ITARP Western Illinois Survey Division
604 East Vandalia
Jacksonville, Illinois 62650
217-243-9491 / 7991 (fax)
Macomb Lab
309-833-3097
Springfield Lab
217-522-4295 / 4395 (fax)

Dr. Terry Martin
Illinois State Museum Society
1011 East Ash Street
Springfield, Illinois 62703
217-785-0037 / 2857 (fax)

Mr. Floyd Mansberger
Fever River Research
Post Office Box 5234
Springfield, Illinois 62705
217-525-9002 / 6093 (fax)

Mr. Joseph Craig
Prairie Archaeology & Research
Environmental Compliance Consultants
Post Office Box 5603
Springfield, Illinois 62705-5603
217-544-4881 / 4988 (fax)
jcraig@prairiearchaeology.com
jcraig@eccinc.org

METRO EAST REGION

Mr. Don Booth
2610 Sidney Street
Alton, Illinois 62002
618-462-5152 / 618-465-9548 (fax)
dnbooth@charter.net

Dr. Steve Dasovich
SCI Engineering, Inc.
15 Executive Drive
Fairview Heights, Illinois 62208
636-949-8200 / 8269 (fax)

Dr. Joseph M. Galloy
Coordinator, American Bottom Field Sta
Illinois State Archaeological Survey
Institute Natural Resource Sustainability
University of IL at Urbana-Champaign
Wood River Laboratory
144C East Ferguson Avenue
Wood River, Illinois 62095
618-251-3922 / 3943 (fax)
galloy@illinois.edu

Dr. John Kelly
Central Mississippi Valley
Archaeological Research Institute
Post Office Box 413
Columbia, Illinois 62236
618-540-8109

Archaeological Research Center of
St. Louis, Inc.
140 North Main Street
Post Office Box 241
Hecker, Illinois 62248
314-426-2577 / 2599 (fax)
archcen@sbcglobal.net

SOUTHERN REGION

Mr. Steve Titus
American Resources Group, Ltd.
127 North Washington Street
Carbondale, Illinois 62901
618-529-2741 / 457-5070 (fax)

Dr. Brian M. Butler
Southern Illinois University
Center for Archaeological Investigations
Mail Code 4527
Carbondale, Illinois 62901
618-453-5031 / 8467 (fax)

ILLINOIS-BASED CONSULTING SERVICES WITH PROFESSIONAL ARCHAEOLOGISTS (by zip code order, 3/22/2010 update)
In order to assist agencies, engineering firms, and others who require professional archaeological services the Illinois Historic Preservation Agency (IHPA) has listed below Illinois-based firms with professional archaeologists currently performing contract archaeological compliance work. Based on documentation supplied by them these individuals appear to meet current Federal qualifications. This list is provided for your assistance, however, you may use any archaeologist who meets the minimum qualifications as set forth in Secretary of the Interior's Professional Qualifications Standards (36 CFR 61). Federal and state regulations require a completed graduate degree with an emphasis in archaeology and 16 months of professional archaeological experience (**BOLD names** below). If you have any questions please contact IHPA at 217-785-4512. THE INCLUSION OF INDIVIDUALS OR ORGANIZATIONS ON THIS LIST DOES NOT CONSTITUTE ANY RECOMMENDATION OR ENDORSEMENT OF THEIR PROFESSIONAL EXPERTISE OR PERFORMANCE RECORD BY THE IHPA.

CHICAGO METRO REGION

Dr. Kevin P. McGowan
Public Service Archaeology Prgm
Chicagoland Office (UI-UC)
Post Office Box 7085
Grayslake, Illinois 60030
847-548-7961 (fax same)

Dr. Leslie B. Kirchler, RPA
Environmental Resources Management
1701 Golf Road, Suite 1-1000
Rolling Meadows, Illinois 60008-4242
847-258-8921 / 8901 (fax)
leslie.kirchler@erm.com
www.erm.com

Mr. Steve Parrish
Archaeological Research, Inc.
1005 Greta Avenue
Woodstock, Illinois 60098
815-334-8077 / 0530 (fax)
Arch-res.com

Dr. Mark W. Mehrer
Northern Illinois University
Contract Archaeology Program
Department of Anthropology
102 Stevens Building
DeKalb, Illinois 60115
815-753-7544 / 7027 (fax)
mmehrer@niu.edu

Dr. Thomas E. Berres
OurHeritage Archaeological Srvs, Inc.
983 Quail Run
DeKalb, Illinois 60115-6117
815-754-9611 / 758-5692 (fax)
bearus1@aol.com

Dr. Rochelle Lurie
Dr. M. Catherine Bird
Midwestern Archaeological
Research Services, Inc.
505 North State Street
Marengo, Illinois 60152
815-568-0680 / 0681 (fax)

CHICAGO METRO REGION
CON'T

Dr. Cynthia L. Balek
Archaeology & Geomorphology Services
2220 Mayfair Avenue
Westchester, Illinois 60154
708-531-1445 / 562-7314 (fax)
cbalek@msn.com

Mr. Jeff Schuh
Patrick Engineering, Inc.
4970 Varsity Drive
Lisle, Illinois 60532
630-795-7200 / 434-8400 (fax)

Ms. Lynn M. Gierek
ENSR International
27755 Diehl Road
Warrenville, Illinois 60555-3998
630-839-5332 / 836-1711 (fax)
lgierek@ensr.com

Dr. Thomas J. Loebel
CAGIS Archaeological Consulting Srvs.
University of Illinois at Chicago
Department of Anthropology
1007 West Harrison (m/c 027)
Chicago, Illinois 60607
312-413-8247 / 3573 (fax)
tloebel@uic.edu

Dr. David Keene
Archaeological Research, Inc.
4147 North Ravenswood Ave., Suite 301
Chicago, Illinois 60613-1830
773-975-1753 / 8286 (fax)
arch-res.com

Mr. Phil Millhouse
ITARP Northern Illinois Survey Division
6810 Forest Hills Road
Loves Park, Illinois 61111
815-282-0762 / 0754 (fax)

CENTRAL REGION

Ms. Karen A. Atwell
Farmland Archaeological Services
10475 N 2300 Avenue
Geneseo, Illinois 61254
309-507-1330
Karen@karenatwell.com

Mr. Keith L. Barr
Archaeological & Architectural Surveys
Old Inn Farm
Rural Route 1
Fairview, Illinois 61432
309-778-2536

Mr. Lawrence A. Conrad
Western Illinois University
Archaeology Lab
201 Tillman Hall
Macomb, Illinois 61455
309-298-1188

Dr. Michael D. Wiant
Dickson Mounds Museum
10956 North Dickson Mounds Road
Lewistown, Illinois 61542
309-547-3721

Dr. Charles L. Rohrbaugh
Archaeological Consultants
302 Kelly Drive
Normal, Illinois 61761
309-454-6590

Dr. Brian Adams
University of Illinois
Anthropology Department
Public Service Archaeology Program
109 Davenport Hall
607 South Matthews Avenue
Urbana, Illinois 61801
217-333-1636 / 217-244-1911 (fax)

Mr. Dale McElrath
University of Illinois Champaign-Urbana
UIUC-ITARP Statewide Office
23 East Stadium Drive
209 Nuclear Physics Lab (MC 571)
Champaign, Illinois 61820
217-333-0667 / 244-7458 (fax)
More Central Listings – Over

Rock River Water Reclamation District
3501 Kishwaukee Street
P.O. Box 7480
Rockford, IL 61126-7480

Tel: 815.387.7660
Fax: 815.387.7665

July 22, 2010

Mrs. Jennifer Anderson
Anderson Environmental & Engineering
124 N. Water St, Suite 206
Rockford, IL 61107

RE: Rockford Solar Environmental Assessment, South Bend & Baxter Road

Dear Mrs. Anderson:

The Rock River Water Reclamation District acknowledges the request for a review of our utility location for the site of the Rockford Solar Field on the south side of the Chicago/Rockford International Airport. The District does not have any existing facilities that would be impacted by your development. A map of our existing sewers and manholes is enclosed for your use.

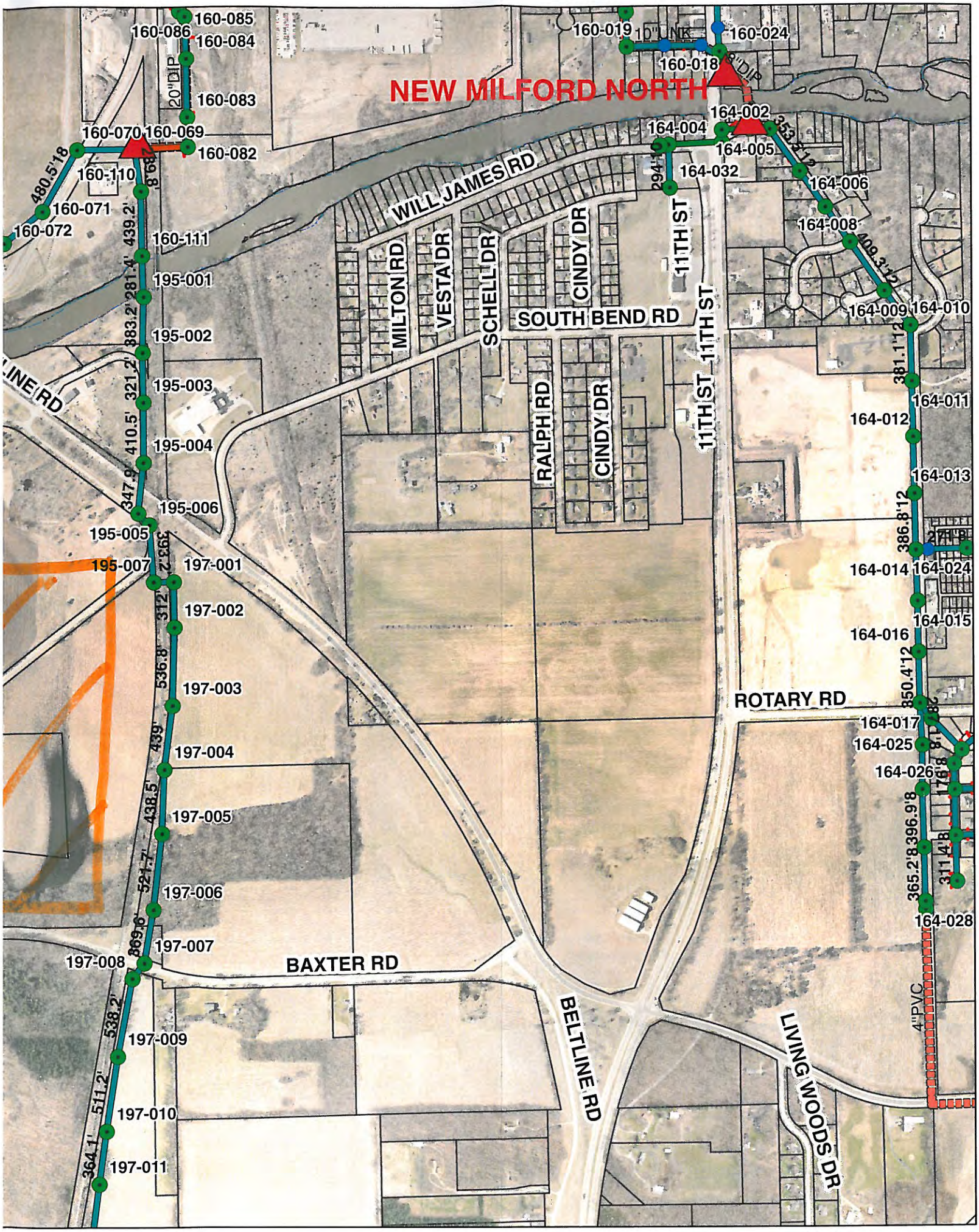
Should your proposed development require sanitary sewer service and connection to the District's collection system we would request that you complete a Sewer Inquiry Form which is available on our web site at rrwrd.dst.il.us.

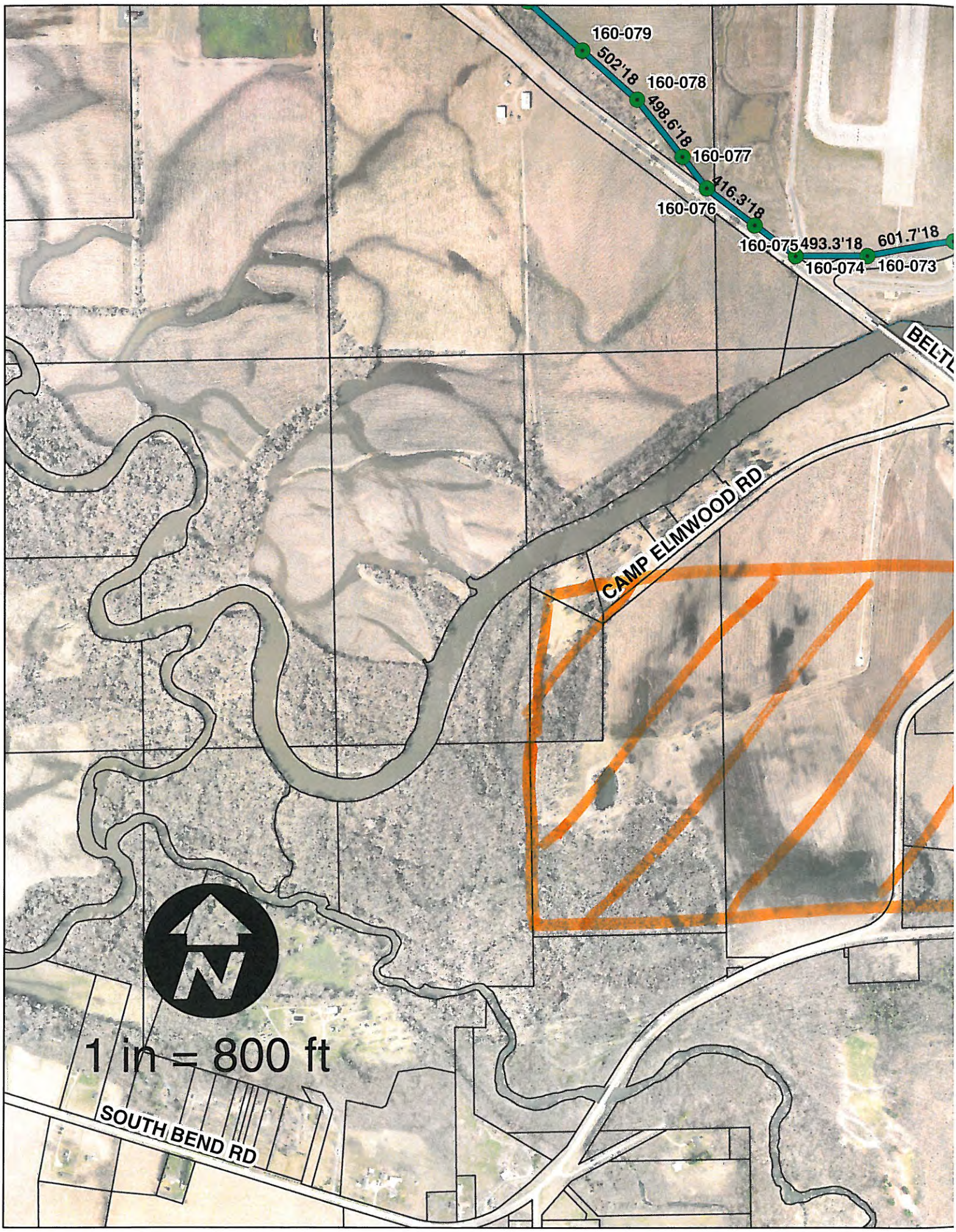
Should you have any questions regarding these comments, please contact Mike Rieger at (815) 387-7684.

Sincerely,

Dana L. Carroll, P.E.
Engineering Manager

Enc: GIS excerpt
cc: M. Rieger, M. Weber, Jon Hollander (C.O.R.), File
mr\word\sav\2010\rockford solar.doc


NEW MILFORD NORTH
160-085
160-086
160-084
20"DIP
160-083
160-070
160-069
160-082
160-110
480.5'18
160-071
160-072
439.2'
160-111
195-001
281.4'
883.2'
195-002
321.2'
195-003
410.5'
195-004
347.9'
195-006
195-005
195-007
393.2'
197-001
312'
197-002
536.8'
197-003
439'
197-004
438.5'
197-005
521.7'
197-006
869.6'
197-007
197-008
538.2'
197-009
511.2'
197-010
364.1'
197-011
160-019
10" UNK
160-024
160-018
8"DIP
164-002
164-004
164-005
353.2'12
164-032
294'12
164-006
164-008
409.3'12
164-009
164-010
381.1'12
164-011
164-012
164-013
386.8'12
164-014
164-024
164-015
164-016
350.4'12
164-017
164-025
164-026
176.8'
396.9'8
365.2'8
311.4'8
164-028
4"PVC
WILL JAMES RD
MILTON RD
VESTA DR
SCHELL DR
CINDY DR
SOUTH BEND RD
11TH ST
RALPH RD
ROTARY RD
BAXTER RD
BELTLINE RD
LIVING WOODS DR


160-079
502'18
160-078
498.6'18
160-077
416.3'18
160-076
160-075
493.3'18
601.7'18
160-074
160-073
BELTL
CAMP ELMWOOD RD
N
1 in = 800 ft
SOUTH BEND RD

Anderson
environmental&engineering

Record of Communication

Date: 7/12/2010

AEE Representative: Jennifer Anderson

Regarding: Rockford Solar

Contact Person: Brendan Otjen

Company: US Coast Guard

Phone: 630/986-2150

How Contact Initiated: Phone ☒

Summary:

Brendon Otjen received inquiry letter dated 7/8/2010. No navigable waterways are expected to be impacted by this project. Nearby Kishwaukee River would be only possible consideration, and it is not a navigable waterway. The U.S. Coast Guard offers no comments on this project

United States Department of Agriculture

NRCS

Natural Resources Conservation Service
4833 Owen Center Road
Rockford, IL 61101
(815) 965-2392 x3
Fax (815) 965-2447

www.il.nrcs.usda.gov

July 19, 2010

Jennifer Anderson
Anderson Environmental and Engineering
124 N. Water St.
Ste. 206
Rockford, IL 61107

Dear Ms. Anderson,

Thank you for the opportunity to review and make comment on the Rockford Solar Environmental Assessment at South Bend/Baxter Roads. Looking at the existing natural resources within the proposed project area there are a number of concerns that should be noted.

- A majority of the area is in the 100-year flood plain with approximately 64% of the site being listed as floodway. According to FEMA, a "Regulatory Floodway" means the channel of a river or other watercourse and the adjacent land areas that must be reserved in order to discharge the base flood without cumulatively increasing the water surface elevation more than a designated height. Communities must regulate development in these floodways to ensure that there are no increases in upstream flood elevations.

- Frequent flooding, ponding, deposition of sediment and flood debris may be hazards that this project will need to address. It is not uncommon for fields adjacent to the Kishwaukee River and Kilbuck Creek during flood events to transport debris such as logs, tree limbs, branches, corn stalks, other organic debris, along with manmade materials such as tires and construction waste.

- 87 plus acres of the project site are considered hydric soil types. The Natural Resource Conservation Service (NRCS) defines a hydric soil as a soil that formed under conditions of saturation, flooding or ponding long enough during the growing season to develop anaerobic conditions in the upper part of the soil horizon. The concept of hydric soils includes soils developed under sufficiently wet conditions to support the growth and regeneration of hydrophytic vegetation. Soils that are sufficiently wet because of artificial measures are included in the concept of hydric soils. Also, soils in which the hydrology has been artificially modified are hydric if the soil, in an unaltered state, was hydric. Some series, designated as hydric, have phases that are not hydric depending on water table, flooding, and ponding characteristics.

- Soil mapping units 3082A and 3776A are prime farmland and soil mapping unit 354A is listed as important farmland.

- All soil disturbances within the project area will need to have a sediment and erosion control plan developed and implemented in accordance with IEPA permitting and inspection regulations. Due to the sensitive location of the project area and the close proximity to high value waterways (Kishwaukee River) special measures will need to be taken.

- Soil and Water Features
  - 3082A Flooding frequency is frequent; duration is brief from April through June. High water table depth 0 to 2.0 feet is apparent from March through July.
  - 3776A Flooding frequency is common; duration is brief to long from April through July. High water table depth 0 to 1.0 feet is apparent from April through July.

- Upon our site inspection we observed that a Wetland Delineation had been completed for the project area. We would recommend no disturbance occur in those areas. The project area contains multiple wetland types that are critical to native plant and wildlife species. The Illinois Natural Heritage Data base shows the following protected resources may be in the vicinity of the project location:
  - Bell Bowl Prairie INAI Site
  - Kishwaukee River INAI Site
  - Upland Sandpiper (Endangered species)
  - Close proximity to Kilbuck Bluffs Forest Preserve
  - Local reports reference sightings of Bald Eagle and other unique bird species that utilize the habitat types on and adjacent to your project area.

- The Kishwaukee River Ecosystem Partnership (KREP) at http://krep.bios.niu.edu/index.htm maybe a good source for additional natural resources information regarding your project area.

In closing your project area poses many interesting challenges; floodway and floodplain management, wetlands, soil limitations, endangered species and potential limited access during frequent flooding. Our office in conjunction with the Winnebago County Soil and Water Conservation District has staff available to review site development plans and sediment and erosion control plans if you reach that phase of the project. We also have available for review historic photos and slides that you and the developer of the project may find beneficial. If you have any question please feel free to call me at 815-965-2392 x 3.

Sincerely,

Ed Johnston
District Conservationist
Ed.Johnston@il.usda.gov

Rockford Solar EA, Rockford, IL

Kamke.Sherry@epamail.epa.gov [Kamke.Sherry@epamail.epa.gov]

Sent: Wednesday, July 21, 2010 1:45 PM

To: Jennifer Anderson

Jennifer,

We received the coordination letter on the Rockford Solar EA. This is the first time that we have seen a proposal for solar facilities in close proximity to the end of a runway. We contacted FAA to share this letter with them. I am interested in the feedback that you get from them and resource agencies. We have no comments at this time. Please continue to send us information on the project as it develops.

Sherry A. Kamke
Environmental Scientist
NEPA Implementation (Mailcode: E-19J)
Office of Enforcement and Compliance Assurance
U.S. EPA Region 5
77 W. Jackson Blvd.
Chicago, Illinois 60604-3590
Phone: 312-353-5794
Fax: 312-408-2215

WINNEBAGO COUNTY FOREST PRESERVE DISTRICT

5500 Northrock Drive
Rockford, IL 61103
•
815-877-6100
FAX-877-6124
•
wcfpd@wcfpd.org
www.wcfpd.org

Since 1922, dedicated to the preservation of our heritage of forests and wildlife for the recreation and education of the people.

July 14, 2010

Jennifer Anderson
Anderson Environmental & Engineering
124 N. Water St., Suite 206
Rockford, IL 61107

RE: Rockford solar assessment

Dear Jennifer:

Thank you for the opportunity to respond to the proposed development. We hope that it goes well and that it is a benefit for our community.

The plan provided does not show much detail so we will keep our comments general. The Forest Preserve District owns and manages the property west and south of this site (Kilbuck Bluffs Forest Preserve). The Kishwaukee River and Kilbuck Creek travel past our property. We, therefore, have the following comments.

1. That the water quality of Kilbuck Creek and Kishwaukee River will not be reduced as a result of development, either by erosion or chemical pollutants.
2. No additional run off be diverted onto Forest Preserve District property. The site is low and does hold water during wet periods. Last year excessive water was diverted to our property via the South Bend Road ditch because of nearby construction.
3. We ask that existing trees along the western property edge be preserved. The map showing the solar field area includes a forested section that appears as if it might be cleared.

We would welcome a discussion with those concerned with the solar field proposal to talk in detail about how the development may affect the adjacent forest preserve. We do have a desire to manage the floodplain forest portion of the site and did make such a request to the airport management in 2008. We are still interested in the possibility.

Thank you again for being included in the development plans.

Sincerely,

Tom

Tom Hartley
Director of Land & Development

cc: Thomas M. Kalousek, Executive Director

ew