



PLANNING & DEVELOPMENT COMMITTEE
THURSDAY, SEPTEMBER 11, 2014 – 8:00 A.M.
COURTHOUSE CONFERENCE CENTER - (2nd FL – EAST WING)
ROCK COUNTY COURT HOUSE
JANESVILLE, WI

AGENDA

1. Call to Order
2. Adoption of Agenda
3. Minutes of Meeting held Thursday, August 28, 2014
4. Citizen Participation, Communications and Announcements
5. Code Administration & Enforcement
 - A. **Action Item:** Public Hearing Shoreland Conditional Use Permit – Wisconsin Power & Light
 - B. **Action Item:** Review & Approval Shoreland Conditional Use Permit – Wisconsin Power & Light Company
 - C. **Action Item:** Public Hearing 2030 Beloit Area Water Quality Management Plan
 - D. **Action Item:** Resolution – Adoption of the 2030 Beloit Area Water Quality Management Plan
6. Finance
 - A. **Action Item:** Department Bills/Transfers/Pre-Approved Encumbrances and Amendments to Encumbrances
7. Committee Reports
8. Directors Report
 - A. Community Development - HOME Consortium Program
 - B. Farmland Preservation/Shoreland Zoning
9. Committee Meetings for November and December 2014
10. Adjournment

Future Meetings/Work Sessions

September 25, 2014 (8:00 am)
October 9, 2014 (8:00 am)
October 23, 2014 (8:00 am)



August 18, 2014

LEGAL NOTICE

Notice is hereby given that the Rock County Planning & Development Committee will hear a request from Wisconsin Power and Light Company for a Conditional Use Permit for a Shoreland project. Activities associated with the abandonment of settling ponds and closure of the landfill at the Rock River Generating Station will take place within the Shoreland District of the Rock River. This request is being made in compliance with Section 4.208(2)(A) of the County Shoreland Zoning Ordinance.

The properties are located in parts of Sections 1 and 2 of Beloit Township. More commonly known as 827 W. Beloit-Rock Townline Rd.

The Public Hearing will take place in the Courthouse Conference Center, second floor, east wing of the Rock County Courthouse, 51 S. Main Street, Janesville, WI at 8:00 AM on Thursday, September 11, 2014.

Please contact the Rock County Planning & Development Agency with any questions at 608-757-5587.

Colin Byrnes
Acting Director of Planning, Economic & Community Development

LG2014007 Wisconsin Power & Light



Alliant Energy
4902 North Biltmore Lane
P.O. Box 77007
Madison, WI 53707-1007

1-800-ALLIANT (1-800-255-4268)
alliantenergy.com

August 14, 2014

Colin Byrnes
Rock County Planning, Economic & Community Development Agency
Rock County Courthouse
East Wing, Room 266
51 South Main St.
Janesville, WI 53545

**Subject: Shoreland Conditional Use Permit Application
Rock River Generating Station
Settling Pond Abandonment and Landfill Closure**

Mr. Byrnes:

On behalf of Wisconsin Power and Light Company (WPL), Alliant Energy is providing the enclosed Shoreland Conditional Use Permit Application, prepared by SCS Engineers, for activities associated with the abandonment of settling ponds and closure of the landfill at the Rock River Generating Station.

Please call me at (608) 458-3853, or Jill Stevens at (608) 458-0446, with any questions regarding the enclosed application.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeff Maxted".

Jeff Maxted
Senior Environmental Specialist
Alliant Energy Corporate Services, Inc.

Enclosures

Cc: Jill Stevens – Alliant Energy
Abdul Abdi – Wisconsin Power and Light Co.
Colin Beveridge – Wisconsin Power and Light Co.
Eric Nelson – SCS Engineers

ROCK COUNTY PLANNING, ECONOMIC & COMMUNITY
 DEVELOPMENT AGENCY
 51 SOUTH MAIN STREET
 JANESVILLE, WI 53545
 TEL: (608) 757-5587
 FAX: (608) 757-5586
 WEB: WWW.CO.ROCK.WI.US



=====

AGENCY USE ONLY

Shore Conditional Use

Application No. _____

Date Received 8/14/14

Received by CB

=====

SHORELAND CONDITIONAL USE PERMIT APPLICATION

APPLICANT INFORMATION

OWNER INFORMATION

(1) Name	Wisconsin Power and Light Company			Telephone	608-458-0466		
Address	4902 North Biltmore Lane	City	Madison	State	WI	Zip	53718

PROPERTY INFORMATION

LOCATION 827 WBR Townline Road, Town of Beloit

Subdivision Name		Lot & Block	
Lot Size	58 acres	Present Use	Industrial
Present Improvements on Land	Former electric generating station with buildings, coal combustion residue (CCR) management ponds, coal yard, and closed ash landfill		
Proposed Use or Activity	Closed CCR landfill with storm water treatment pond; possible installation of a utility-scale solar photovoltaic system on top of the closed landfill. CCR management ponds will be abandoned and residual coal, slag and pond sediment from the former coal yard and CCR management areas will be relocated to the on-site landfill.		

PROJECT INFORMATION

Submit site plan (scale not less than 1" = 200') indicating: area to be filled, graded or dredged, existing and proposed structures, and erosion control measures

Amount of fill in cubic yards	
Amount of disturbed area (square feet)	Approximately 1,132,500 sf
Planned Completion Date	Fall 2015

Any change in the approved permit requires review by this agency.
 Any change without prior approval violates the ordinance and will subject applicant to legal action

(I/We) hereby request a Conditional Use Permit as authorized in Section 4.213 of the Rock County Zoning Ordinance for: Shorelands.

SIGNATURE

Property Owner [Signature], MGR, WPL OR Agent/Surveyor _____

Approved by the Rock County Planning & Development Committee on _____

Committee Designee _____ Date _____

SCS ENGINEERS

August 14, 2014
File No. 25212174.01

MEMORANDUM

TO: Rock County Planning and Development Committee

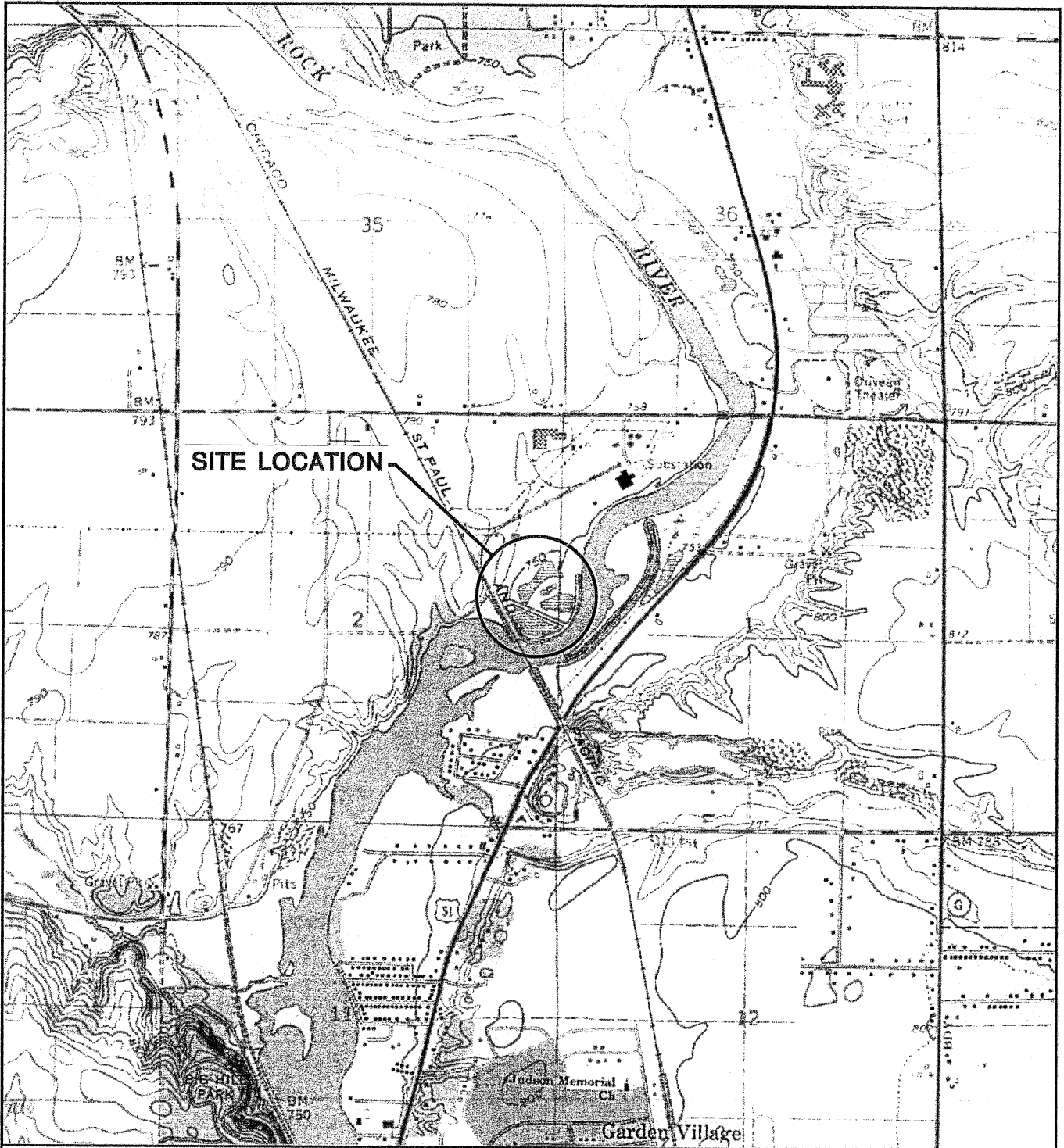
SUBJECT: Background and Supporting Information for Conditional Use Permit Application - Proposed Rock River Settling Basin Abandonment and Landfill Closure Project

The site is a former electric generating station owned by Wisconsin Power and Light (WPL). Attached Figure 1 shows the site location, and Figure 2 shows the existing site conditions. With the cessation of coal combustion and conversion to natural gas fuel in May 2000 and the plant retirement in 2010, several permitted facilities are no longer needed. A waste removal and landfill closure plan was developed as part of abandonment planning requirements for Wisconsin Pollutant Discharge Elimination System (WPDES) permitted facilities at the site. The proposed project involves abandoning WPDES ponds #1 and #2 and the coal yard pond, as well as removal of coal, slag and pond sediment from the former coal yard and coal combustion residue (CCR) management areas adjacent to the WPDES ponds. WPL will be relocating residual coal, slag and pond sediment to the on-site landfill. The landfill area disturbed as part of this project will be closed with a final cover system. WPL has worked with Wisconsin Department of Natural Resources (WDNR) solid waste staff to develop the proposed abandonment and closure plan. WDNR solid waste approved the Settling Basin Abandonment and Landfill Closure Plan on June 17, 2014. A copy of the WDNR approval letter is attached.

In addition, WPL is considering installation of a solar photovoltaic (PV) system on top of the closed landfill. The PV system concept was approved by WDNR as part of the Settling Basin Abandonment and Landfill Closure Plan approval letter. Figure 3 shows the proposed final grades, and Figure 4 shows a cross-section through site under final conditions. If the PV system is not installed, the final grades will remain as shown on Figure 3, and the cover system will be vegetated.



Attachments: WDNR Settling Basin Abandonment and Landfill Closure Plan Approval Letter
Figure 1 - Site Location Map
Figure 2 - Existing Conditions
Figure 3 - Proposed Final Grades
Figure 4 - Cross-Section

I:\25212174\Permit Applications\Shoreland CUP\CUP Supporting Information Memo.docx

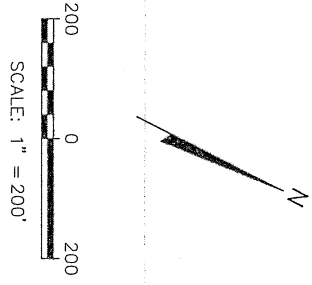
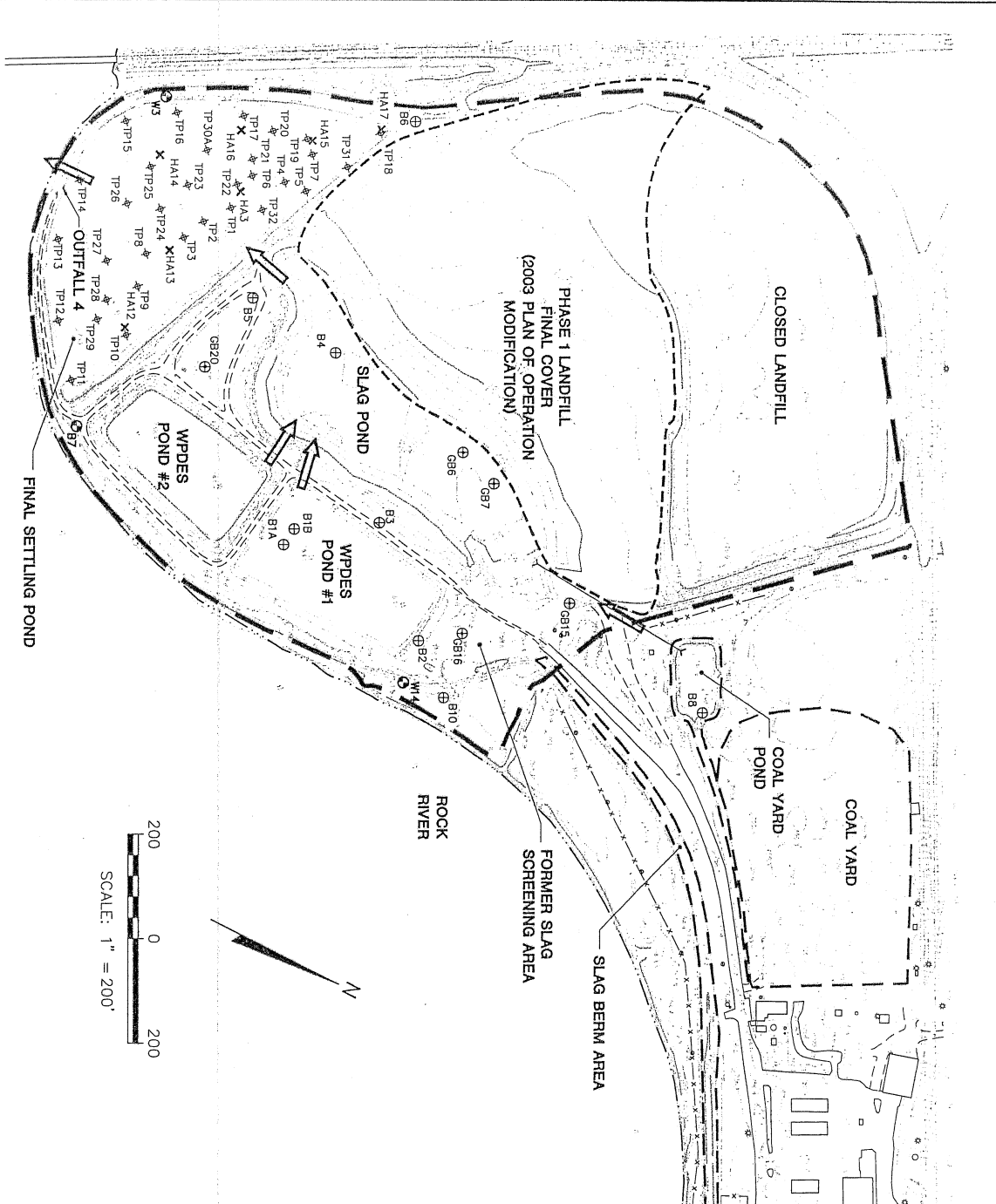


BELOIT QUADRANGLE
 WISCONSIN-ROCK CO.
 7.5 MINUTE SERIES (TOPOGRAPHIC)
 SE/4 JANESVILLE 15' QUADRANGLE
 SCALE 1" = 2000'



CLIENT	 WISCONSIN POWER AND LIGHT COMPANY		SITE	WPL ROCK RIVER GENERATING STATION 827 WBR TOWNLINE ROAD BELOIT, WISCONSIN		SITE LOCATION MAP	
	PROJECT NO.	25212174.00		DRAWN BY:	KP		 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830
	DRAWN:	07/27/12		CHECKED BY:	PEG/EN		
	REVISED:	09/18/12		APPROVED BY:			
		ENGINEER			FIGURE	1	

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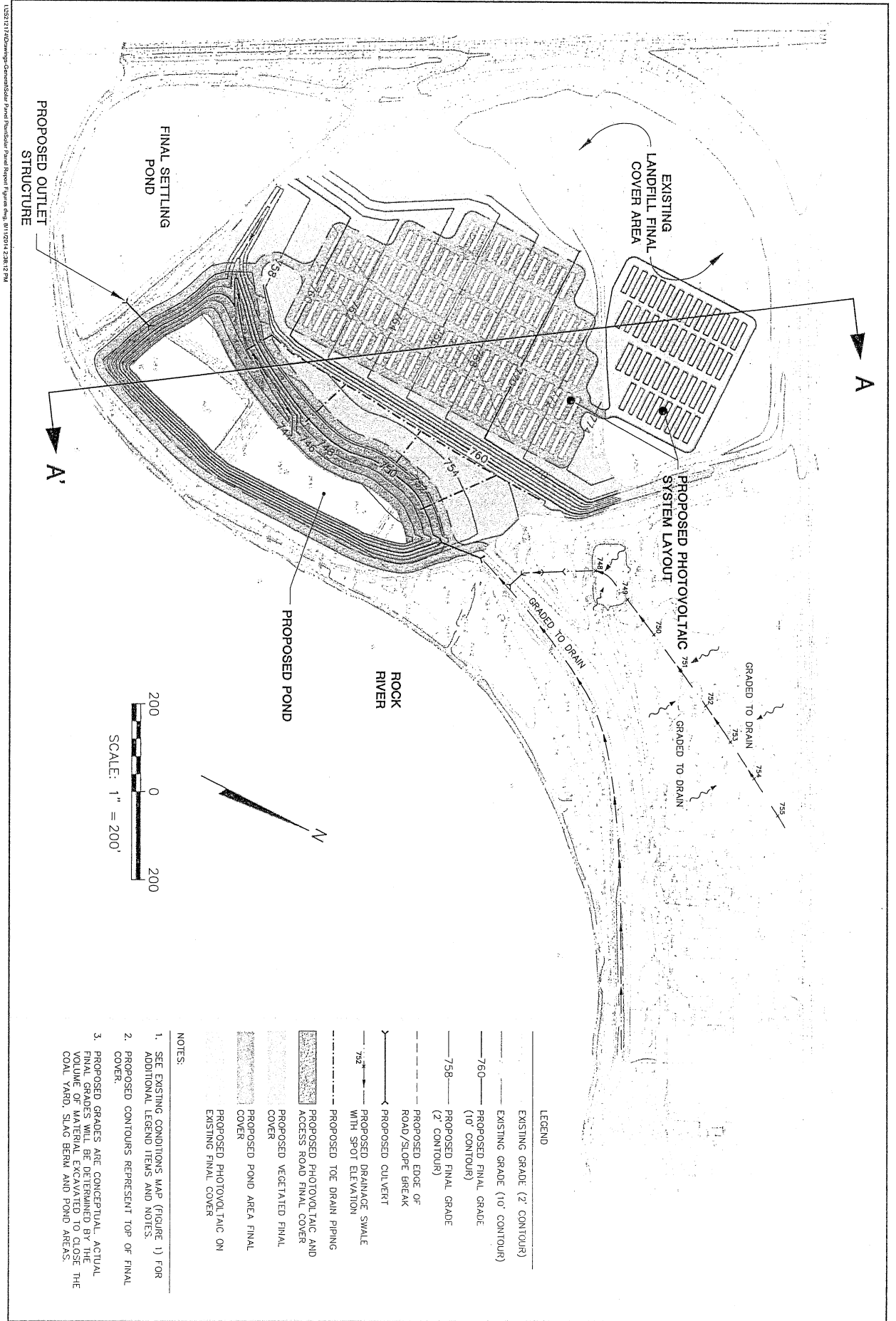
LEGEND

- (dashed) EXISTING GRADE (2' CONTOUR)
- (solid) EXISTING GRADE (10' CONTOUR)
- (dotted) GROUND SPOT ELEVATION
- (wavy) WATER
- (dashed) EDGE OF RIVER/WATER
- (dotted) RAILROAD TRACKS
- (dashed) FENCE
- (solid) PAVED ROAD
- (dashed) UNPAVED ROAD
- (dashed) CULVERT
- (dashed) LIMITS OF PHASE 1 FINAL COVER AREA
- (solid) PROCESS WATER FLOW DIRECTION
- (dashed) ASH MANAGEMENT AREA
- (dotted) UTILITY/LIGHT POLE
- (dotted) HAND AUGER BORING
- (dotted) TEST PIT
- ⊕ SOIL BORING
- ⊕ GEOPROBE SOIL BORING
- ⊕ MONITORING WELL

NOTES:

1. TOPOGRAPHIC BASE MAP PREPARED BY KRM, INC. BASED ON 11/7/02 AERIAL PHOTOGRAPHY AND UPDATED BASED ON GROUND SURVEYS COMPLETED DURING 2004, 2005, 2006, AND 2008.
2. TWO FLY ASH PONDS WERE ABANDONED DURING POND AND LANDFILL CLOSURE ACTIVITIES IN 2004. THE PONDS WERE LOCATED WEST OF THE SLAG POND IN THE AREA LABELLED AS PHASE 1 FINAL COVER.

<p>WISCONSIN POWER AND LIGHT COMPANY</p>	<p>CLIENT</p> <p>WPL ROCK RIVER GENERATING STATION 827 WBR TOWNLIN ROAD BELOIT, WISCONSIN</p>		<p>EXISTING CONDITIONS</p>	
	<p>PROJECT NO. 25212174.00</p>	<p>DRAWN BY: PEG/KP</p>	<p>ENGINEER</p> <p>SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830</p>	
	<p>DRAWN: 06/28/12</p> <p>REVISED: 11/02/12</p>	<p>CHECKED BY: MH</p> <p>APPROVED BY: EN 03/27/14</p>	<p>FIGURE 2</p>	

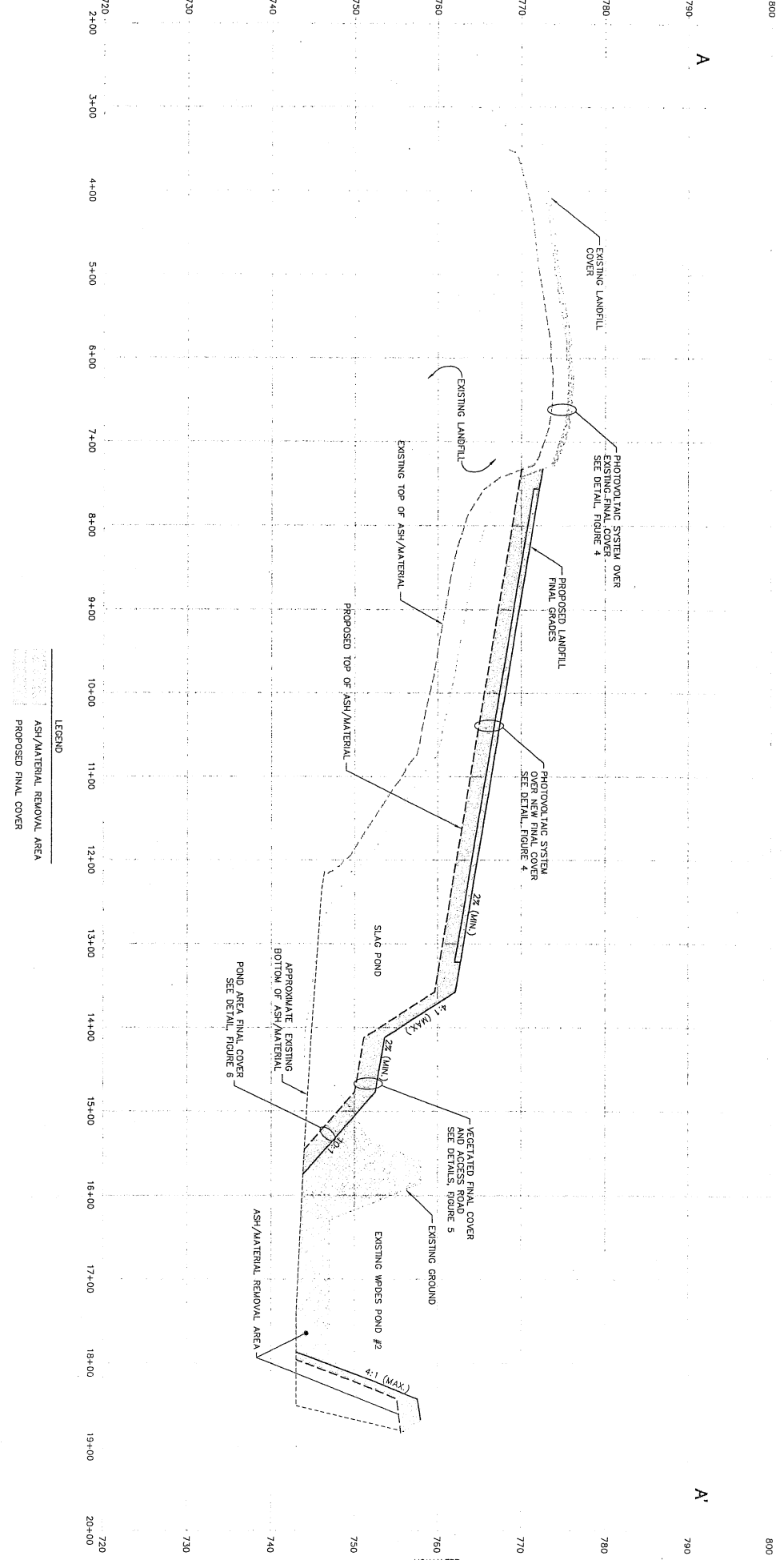


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- NOTES:
1. SEE EXISTING CONDITIONS MAP (FIGURE 1) FOR ADDITIONAL LEGEND ITEMS AND NOTES.
 2. PROPOSED CONTOURS REPRESENT TOP OF FINAL COVER.
 3. PROPOSED GRADES ARE CONCEPTUAL. ACTUAL FINAL GRADES SHALL BE DETERMINED BY THE VENDOR. GRADES SHALL BE DETERMINED AT THE COAL YARD, SLAG BERM AND POND AREAS.

LEGEND	
	EXISTING GRADE (2' CONTOUR)
	EXISTING GRADE (10' CONTOUR)
	PROPOSED FINAL GRADE (10' CONTOUR)
	PROPOSED FINAL GRADE (2' CONTOUR)
	PROPOSED EDGE OF ROAD/SLOPE BREAK
	PROPOSED CULVERT
	PROPOSED DRAINAGE SWALE WITH SPOT ELEVATION
	PROPOSED TOE DRAIN PIPING
	PROPOSED PHOTOVOLTAIC AND ACCESS ROAD FINAL COVER
	PROPOSED VEGETATED FINAL COVER
	PROPOSED POND AREA FINAL COVER
	PROPOSED PHOTOVOLTAIC ON EXISTING FINAL COVER

WISCONSIN POWER AND LIGHT COMPANY	WPL ROCK RIVER GENERATING STATION 827 WBR TOWNLINE ROAD BELOIT, WISCONSIN		PROPOSED FINAL COVER GRADES	
	PROJECT NO. 25212174.00 DRAWN: 06/28/12 REVISED: 03/26/14	DRAWN BY: PEG/KP CHECKED BY: MH APPROVED BY:	SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53716-8751 PHONE: (608) 224-2830	

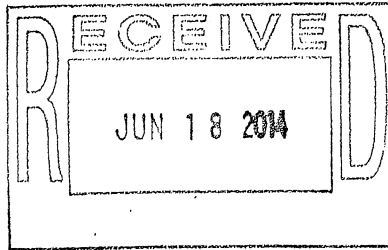
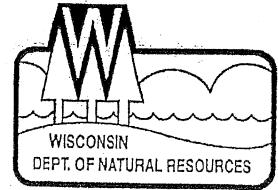


WISCONSIN POWER AND LIGHT COMPANY		WPL ROCK RIVER GENERATING STATION 827 WBR TOWNLINE ROAD БЕЛОIT, WISCONSIN		CROSS SECTION A-A'		FIGURE
PROJECT NO. 25212174.00	DRAWN BY: PEG/KP	CHECKED BY: MH	DATE: 06/28/12	JCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718-6751		

9

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
3911 Fish Hatchery Road
Fitchburg WI 53711-5397

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



#25212174.00

June 17, 2014

Mr. Steve Jackson
Manager, Environmental Services - Planning
Alliant Energy Corporate Services, Inc.
4902 North Biltmore Lane
P.O. Box 77007
Madison, WI 53707-1007

File Ref: FID#154053900
Rock County
SW
Approval

Subject: Landfill Closure Plan Modification Request Approval for the Wisconsin Power and Light Rock River Generating Station Ash Disposal Facility, Beloit, WI, License #0728

Dear Mr. Jackson:

The requested plan modification to the closure plan for the Wisconsin Power and Light Company (WPL) Rock River Ash Disposal Facility (the landfill) has been reviewed and approved subject to the conditions listed in the attached approval. The Department believes that the proposed modifications will not have an adverse effect on the performance of the landfill provided the conditions of the enclosed conditional plan of operation approval modification are fulfilled. This approval should be maintained with the plan of operation approval for the landfill issued on August 23, 1977, and all subsequent approvals.

The plan modification proposed revisions to final cover grades and consolidation of wastes into the landfill from abandonment activities at the slag and ash settling pond areas, the coal yard area and coal yard pond, the slag berm area, and various other areas where coal combustion waste, ash sediment, ash-contaminated oil, and coal are present. Waste removal activities would relocate an estimated 127,300 cubic yards of fly ash, slag, and coal residues, as well as undefined volumes of soil/fly ash, soil/slag, and soil/coal residue mixtures to the landfill. Consolidated wastes are proposed to be covered by a revised final cover design, and the currently closed area of the landfill will be left as constructed. Where waste will be removed from other areas of the property, efforts will be made to remove waste to the degree practical and the area either left as vegetated open area or as a regraded pond. The final settling pond area will not be disturbed and will be left with a small thickness of settled ash that is not practical to remove. The slag used to build up the berm adjacent to the Rock River will also be left in place.

The waste removal and landfilling plan was developed as part of abandonment planning requirements for WPDES permitted facilities. With cessation of coal combustion and conversion to natural gas fuel in May 2000 and plant retirement in 2010, the generating station did not have need for several of the permitted facilities.

As part of an agreement with USEPA, WPL is pursuing a plan to install a photovoltaic solar farm for energy generating (PV system). The proposed landfill final cover design was configured to be compatible with being a potential location for the PV system. The conceptual design for the PV system is parallel rows of photovoltaic panels on concrete supports on the top slope of the existing final cover area and on the 2% south-facing slope of the proposed final cover area.

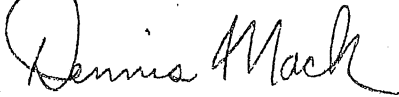
The revised final cover system on the landfill includes, from bottom to top, a six-inch grading layer, a laminated geosynthetic clay liner (GCL), a geocomposite drain layer on 4:1 slopes, 24 inches of rooting zone, and six inches of topsoil. The low ends of the drain layer connect to a 4 inch HDPE pipe and outlets to reduce head on the GCL. The rooting zone will be partly replaced by gravel along access road alignments.

Final cover will be placed on sideslopes of the revised pond area, consisting of a six-inch grading layer, a laminated geosynthetic clay liner (GCL), a geotextile cushion, and 12 inches of coarse aggregate.

If the PV system is installed, the design for the final cover will be modified to replace the rooting zone and topsoil with 22 inches of an undefined general fill soil layer and an eight inch surface of dense aggregate to support traffic, reduce vegetation maintenance, and support the PV hardware and electrical conduits. The conceptual design includes concrete ballast placed 24 inches into the aggregate and general fill. A detailed design can only be developed once a PV system vendor and technology has been selected and a decision is made to place it on the landfill. Design and construction details are required to be provided for Department review and approval prior to construction. This approval includes a grant of exemption for excavation of the final cover as part of construction of the PV system.

If you have any questions regarding this closure plan modification approval, please contact Bob Grefe at robert.grefe@wisconsin.gov by phone at (608) 266-2178.

Sincerely,



Dennis Mack, P.E.
Waste Program Supervisor
South Central Region

cc: Eric Syftestad - SCR
William Skalitzky - Alliant Energy
Jeff Maxted - Alliant Energy
✓ Eric Nelson - SCS
Bob Grefe - WA/5
Adam Hogan - SCR

BEFORE THE
STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES
LANDFILL CLOSURE PLAN MODIFICATION APPROVAL
FOR THE WPL – ROCK RIVER GENERATING STATION
ASH DISPOSAL LANDFILL (#0728)

FINDINGS OF FACT

The Department finds:

1. Wisconsin Power and Light (WPL) owns and operates the Rock River Generating Station Ash Disposal Facility (the landfill) for coal combustion waste disposal, located in the NW ¼ of Section 1 and the NE ¼ of Section 2, T1N, R12E, Town of Beloit, Rock County, Wisconsin.
2. The Department conditionally approved a plan of operation for the landfill on August 23, 1977.
3. The information submitted in regards to the plan modification request includes the following:
 - a. On February 25, 2013, WPL submitted a landfill closure plan modification request February 19, 2013, accompanied by a document prepared by SCS BT Squared entitled Settling Basin Abandonment Plan and Landfill Closure Plan Modification Rock River Generating Station Beloit, Wisconsin, dated December 2012.
 - b. On April 20, 2013, WPL submitted an addendum to the February 25, 2013 plan modification request entitled Addendum No. 1 Settling Basin Abandonment Plan and Landfill Closure Plan Modification Wisconsin Power and Light - Rock River Generating Station Beloit, Wisconsin, dated April 18, 2013.
 - c. On March 31, 2014, WPL submitted an addendum to the February 25, 2013 plan modification request accompanied by the document prepared by SCS Engineers entitled Addendum No. 2 Settling Basin Abandonment Plan and Landfill Closure Plan Modification Rock River Generating Station Beloit, Wisconsin, dated March, 2014.
 - d. WPL submitted a check for \$ 2,200 covering the plan modification and exemption request and a construction inspection fee on April 22, 2013.
4. Additional documents considered in regards to the plan modification request includes the following:
 - a. A final engineering plan submitted May 3, 1977 and the Department's August 23, 1977 plan of operation approval.
 - b. Construction documentation report entitled Ash Disposal Area - 2007 Closure Construction Documentation - Addendum 1, Alliant Energy - Rock River Generating Station, Beloit, Wisconsin and the Department's approval dated August 6, 2008.
 - c. A document entitled "Best Practices for Siting Solar Photovoltaics on Municipal Solid Waste Landfills", a joint publication by USEPA and NREL (National Renewable Energy Laboratory, US Dept. of Energy), NREL/TP-7A30-52615, February 2013.

5. Additional facts relevant to review of the plan modification request include the following:
- a. The February 25, 2013, submittal was prepared as part of WPL's efforts to satisfy certain WPDES discharge permit requirements for the Rock River Generating Station and was provided to both Wastewater and Solid Waste program staff. Wisconsin Discharge Permit Elimination System (WPDES) permit requirements require evaluation of permitted ponds for accumulation of solid waste and development of an abandonment plan in accordance with s. NR 213.07, Wis. Adm. Code. Abandonment planning is a consequence of the cessation of coal combustion at the Rock River Generating Station, lack of need for the WPDES-permitted facilities, and general requirements for waste and coal removal to enhance stormwater quality. Revisions to the landfill are needed to support activities associated with the WPDES abandonment plan.
 - b. A March 14, 2013, meeting between Department staff and WPL led to agreement to revise the design proposed in the February 25, 2013 submittal to increase cover soil thickness to reduce potential final cover infiltration, articulated in the April 18, 2013 Addendum 1, which was not reviewed in writing. Further input led to design revisions in the March 31, 2014 Addendum 2.
 - c. An April 24, 2014 meeting between Department staff and WPL included a briefing by WPL on the 2014 construction timetable for the WPDES permit abandonment work, the landfill revising filling plan, and intent to dispose of all waste and soil that needed disposal in the landfill. It included brief explanation of a mitigation project WPL has proposed to EPA under a consent agreement to develop a solar farm, using a photovoltaic system (PV) potentially located on the landfill.
 - d. The Rock River Generating Station began operations in 1954, which included sluicing ash and slag to onsite settling ponds and processing slag for reuse. The Station switched fuel from coal to natural gas in 2000, and the plant was retired in 2010.
 - e. The landfill is unlined, does not have a leachate collection system, and does not generate decomposition gas or have a gas extraction system. The originally approved final cover system consisted of two feet of sandy onsite soil and six inches of topsoil, which was installed on about 7 acres of the landfill in 2004.
 - f. The proposed final cover design for the remaining approximately 7.5 acres of the landfill includes installation of a laminated geosynthetic clay liner for a barrier layer, rooting zone of 24 inches and 6 inches of topsoil on the landfill. Variations on the design are proposed in access areas and sideslopes of a proposed pond that will replace settling ponds.
 - g. The final cover is proposed to be modified where and if the PV system is to be installed by replacing the 30 inches of rooting zone and topsoil with 30 inches of general fill and aggregate.
 - h. Consolidating ash and coal from the slag pond, slag berm, coal yard, coal yard pond, and two WPDES settling ponds into the landfill will reduce overall exposure of potentially contaminating material to runoff from the Generating Station property. The existing final settling pond and proposed pond are necessary for stormwater control.

- i. As conceptually proposed, the PV system would be on a stable foundation, close to infrastructure needed for electricity utilization and system maintenance, and located on <1% closed topslope or 2% proposed slopes. The proposed PV system includes a ballast system that does not penetrate the geosynthetic clay liner barrier layer. Vendor selection of the PV system will influence the specific design of anchoring and support system for the PV panels and will be subject to future Department review and approval.
6. An exemption requested under s. NR 500.08(4), Wis. Adm. Code, for construction on a landfill associated with installation of a PV system that involves excavation of the final cover is included as an appendix to Addendum 2. Granting the exemption will not inhibit compliance with Wisconsin solid waste management standards in chs. NR 500 to 538, Wis. Adm. Code.
7. The proposed revised cover design and construction are a prior compliance action under ch. NR 150.20(3), Wis. Adm. Code and s. 1.11, Stats. Design and installation of the proposed PV system is a minor action under ch. NR 150.20(3), Wis. Adm. Code and s. 1.11, Stats. Neither require an environmental analysis under NR 150, Wis. Adm. Code.
8. The special conditions set forth below are needed to assure that the facility is operated in accordance with applicable portions of chs. NR 500 - 538, Wis. Adm. Code. If the special conditions are complied with, the proposed closure plan modification will not inhibit compliance with the standards set forth in the applicable portions of NR 500 - 538, Wis. Adm. Code.

CONCLUSIONS OF LAW

1. The Department has authority under s. 289.31(3), Stats., and ch. NR 516, Wis. Adm. Code, to require that the owner of a solid waste disposal facility demonstrate that the facility has been constructed, maintained, and closed in substantial compliance with the conditional plan of operation, landfill closure plan, and chs. NR 500-538, Wis. Adm. Code.
2. The Department has authority under s. 289.30(6), Stats., to approve a plan with special conditions if the conditions are needed to ensure compliance with chs. NR 500 - 538, Wis. Adm. Code.
3. The Department has authority under s. NR 500.08(4), Wis. Adm. Code, to issue an exemption from the prohibitions in s. NR 506.085, Wis. Adm. Code, if the proposed development will not cause environmental pollution as defined in ss. 289.01(8) and 299.01(4), Stats.
4. The conditions of approval set forth below are needed to assure compliance with s. NR 140, Wis. Adm. Code, and applicable portions of chs. NR 500-538, Wis. Adm. Code.
5. In accordance with the foregoing, the Department has authority under ch. 289, Stats., to issue the following conditional landfill closure plan modification approval.

GRANT OF EXEMPTION

WPL has demonstrated circumstances that warrant an exemption from the prohibitions in s. NR 506.085, Wis. Adm. Code, for potential excavation of the final cover of a solid waste landfill for potential installation of a PV system, subject to the conditions in this approval.

CONDITIONAL PLAN MODIFICATION APPROVAL

The Department hereby approves the proposed landfill closure plan modification for the final closure of the WPL - Rock River Generating Station Ash Disposal Landfill under the following conditions:

1. A preconstruction meeting shall be scheduled and a preconstruction report shall be prepared as required by ss. NR 516.04(4) & (5), Wis. Adm. Code, for installation of the approved final cover system. A preconstruction meeting and preconstruction report shall be prepared separately for the construction of the PV system if the final design of the PV system is not approved prior to these events for the final cover construction.
2. WPL shall notify the Department's assigned waste management engineer a minimum of one week prior to beginning each of the construction events listed below for the purpose of allowing assigned staff to inspect the work. A fee shall be paid to the Department for each inspection performed in accordance with s. NR 520.04(5), Wis. Adm. Code. The inspection fees shall be paid at the time the construction documentation review fee is submitted to the Department.
 - Final cover construction
 - geosynthetic clay liner and geocomposite drain installation
 - rooting zone and topsoil placement
 - Photovoltaic system construction
 - placement of general fill and aggregate
 - excavation for construction of photovoltaic system ballast and support structures
3. A plan modification request for the final design of the PV system shall be submitted for Department review and approval prior to construction that addresses soil removal, ballast and support construction, buried cables, and any other elements of the system that require installation or excavation of the final cover. The plan modification shall include details of a construction and inspection program intended to detect and repair any damage to the geosynthetic clay liner barrier layer.

WPL may submit an expedited plan modification, as proposed verbally, if the final design of the PV system is no more intrusive into the general fill and aggregate than the conceptual details in the March 31, 2014 submittal and the level of technical detail is sufficient. The Department reserves its authority to object to the expedited plan modification.
4. Assigned Department staff shall be notified upon the completion of closure activities in order to conduct a final field inspection of the site. Upon completion of the final cover inspection and any corrective work needed, WPL shall submit a landfill closure documentation report that meets the applicable requirements of s. NR 516.06, Wis. Adm. Code.
5. Construction documentation for the final cover prepared in accordance with ch. NR 516, Wis. Adm. Code, shall include details of construction and inspection of seams for the geosynthetic clay liner. Construction documentation for the PV system shall comply with ch. NR 516, Wis. Adm. Code, and specific requirements in review of the plan modification for the PV system.
6. The final cover shall be inspected annually for signs of settling, surface water ponding or accumulation, gulying or damage from surface water runoff, exposed waste, establishment of trees or large shrubs, and/or stressed vegetation. The cap shall be mowed periodically to inhibit the growth of trees and large shrubs. Areas of cap settling, surface water ponding, and/or gullies shall be filled in with like soils, compacted as necessary and graded to approved grades, and re-

vegetated. Exposed waste shall be re-covered with capping materials similar to what was previously placed in that area.

7. Monitoring and data reporting for the replacement for groundwater monitoring Well 14 shall comply with the approved groundwater monitoring program for the landfill. Specific requirements for baseline monitoring shall be conducted after consultation with assigned Department staff.

NOTICE OF APPEAL RIGHTS

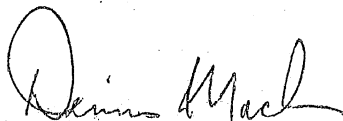
If you believe you have a right to challenge this decision made by the Department, you should know that Wisconsin statutes and administrative codes establish time periods and requirements for reviewing Department decisions.

To seek judicial review of the Department's decision, sections 227.52 and 227.53, Stats., establish criteria for filing a petition for judicial review. You have 30 days after the decision is mailed or otherwise served by the Department to file your petition with the appropriate circuit court and serve the petition on the Department. The petition shall name the Department of Natural Resources as the respondent.

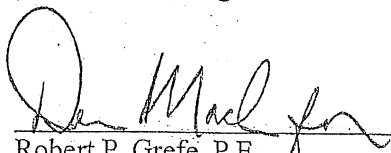
This notice is provided pursuant to section 227.48(2), Stats.

Dated: JUN 17 2014

DEPARTMENT OF NATURAL RESOURCES
For the Secretary



Dennis Mack, P.E.,
Waste Team Supervisor
South Central Region



Robert P. Grefe, P.E.
Waste Management Engineer
Bureau of Waste and Materials Management



August 29, 2014

LEGAL NOTICE

Notice is hereby given that the Rock County Planning & Development Committee will hold a Public Hearing for the 2030 Beloit Area Water Quality Management Plan. The Planning & Development Committee will review and make a recommendation to the Rock County Board for adoption.

The Public Hearing will take place in the Courthouse Conference Center, second floor, east wing of the Rock County Courthouse, 51 S. Main Street, Janesville, WI at 8:00 AM on Thursday, September 11, 2014.

Please contact the Rock County Planning & Development Agency with any questions at 608-757-5587.

Colin Byrnes
Acting Director of Planning, Economic & Community Development

LG2014008 2030 Beloit 208 Water Quality

**RESOLUTION
ROCK COUNTY BOARD OF SUPERVISORS**

Planning and Development Agency
INITIATED BY



Colin Byrnes
DRAFTED BY

Planning & Development Committee
SUBMITTED BY

August 11, 2014
DATE DRAFTED

Adoption of the 2030 Beloit Area Water Quality Management Plan

- 1 **WHEREAS**, in June of 2013, the Rock County Board of Supervisors approved a “Memorandum of
- 2 Understanding” between the Rock County Planning and Development Agency and the Department of
- 3 Natural Resources for the purpose of aiding the development of the municipal point source element of
- 4 Wisconsin’s Water Quality Management Plan update for the City of Beloit and Town of Beloit sanitary
- 5 districts in Rock County; and,
- 6
- 7 **WHEREAS**, the Beloit Area 208 Water Quality Plan was approved by the County Board of Supervisors
- 8 in 1998 and needed to be updated; and,
- 9
- 10 **WHEREAS**, a working group of technical and policy representatives from the City of Beloit, Town of
- 11 Beloit, Town of Rock, Town of Turtle and Rock County worked together in preparing a draft of this
- 12 proposed plan which was reviewed and recommended for a public hearing by this group; and,
- 13
- 14 **WHEREAS**, this plan identifies wellhead protection areas, environmentally sensitive areas, high
- 15 densities of private onsite wastewater treatment systems, future commercial, industrial and residential
- 16 growth areas along parcel lines; and,
- 17
- 18 **WHEREAS**, this plan provides an orderly five-year program based on a twenty-year planning threshold
- 19 that establishes public sewer service areas for the Town of Beloit, City of Beloit, Town of Rock and
- 20 Town of Turtle, and,
- 21
- 22 **WHEREAS**, a Public Hearing was held on September 11, 2014 by the Planning and Development
- 23 Committee, which then recommended this Plan to the Department of Natural Resources who
- 24 subsequently approved the plan under Section 208 of the Water Quality Planning Legislation.
- 25
- 26 **NOW, THEREFORE, BE IT RESOLVED** that the Rock County Board of Supervisors duly assembled
- 27 this _____ day of _____, 2014 hereby approves and adopts the 2030 Beloit Area Water
- 28 Quality Management Plan as an element of the Rock County Comprehensive Development Plan; and,
- 29
- 30 **BE IT FURTHER RESOLVED**, that the Planning and Development Agency shall pursue the
- 31 implementation of this plan in cooperation with the City of Beloit, Town of Beloit, Town of Rock and
- 32 Town of Turtle.

Respectfully submitted,

Planning and Development Committee

Alan Sweeney, Chair

Jason Heidenreich

Mary Mawhinney, Vice Chair

Wes Davis

Wayne Gustina

Adoption of the 2030 Beloit Area Water Quality Management Plan
Page 2

FISCAL NOTE:

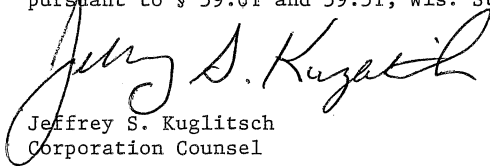
No fiscal impact.



Sherry Oja
Finance Director

LEGAL NOTE:

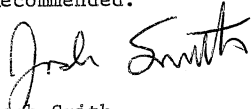
The County Board is authorized to take this action pursuant to § 59.01 and 59.51, Wis. Stats.



Jeffrey S. Kuglitsch
Corporation Counsel

ADMINISTRATIVE NOTE:

Recommended.



Josh Smith
County Administrator

EXECUTIVE SUMMARY

The 2030 Beloit Area Water Quality Management Plan will provide a policy framework and set of guidelines to enforce the federal, state and local water quality programs in the City of Beloit, Town of Beloit and surrounding the area.

The Rock County Planning and Development Agency was awarded two grants of \$15,000 each to write the Plan. These grant awards were comprised of both federal and state funds. Preparation of the Plan was a cooperative effort of the Technical Advisory Committee (TAC) comprised of representatives from Rock County, City of Beloit, Town of Beloit, Town of Rock, Town of Turtle and the State of Wisconsin Department of Natural Resources.

The Sewer Service Area is made up of the Sanitary Districts of the City of Beloit and Town of Beloit. Each district contains one wastewater treatment facility. The past plans in this area include the 1998 *Beloit-Clinton Area Water Quality Management Plan* and the 1986 *Beloit Area Point Source Water Quality Management Plan*. The Sewer Service Area plans are part of the comprehensive long range planning completed by the county, city, and townships.

The plan identifies areas that can be developed to provide municipal services to communities in a way that protects public health, environmentally sensitive areas, and the water resources of the State.

COMMITTEE APPROVAL REPORT

Account Number	Account Name	PO#	Inv Date	Vendor Name	Inv/Enc Amt
13-1730-0000-64702	SEC CORNER MONUM	P1402679	08/05/2014	BERNTSEN INTERNATIONAL INC	548.70
	Budget	YTD Exp	YTD Enc	Pending	Closing Balance
	732.00	0.00	0.00	548.70	183.30
				SURVEYOR PROG TOTAL	548.70

I have examined the preceding bills and encumbrances in the total amount of **\$548.70**

Claims covering the items are proper and have been previously funded. These items are to be treated as follows:

- A. Bills and encumbrances over \$10,000 referred to the Finance Committee and County Board.
- B. Bills under \$10,000 to be paid.
- C. Encumbrances under \$10,000 to be paid upon acceptance by the Department Head.

Date: **SEP 11 2014**

Dept Head _____

Committee Chair _____

Account Number	Account Name	PO#	Inv Date	Vendor Name	Inv/Enc Amt
64-6420-0000-64200	TRAINING EXP		08/26/2014	OTTERSTEIN,JAMES	110.00
	Budget	YTD Exp	YTD Enc	Pending	Closing Balance
	575.00	250.00	0.00	110.00	215.00
64-6420-0000-64918	ADVERTISING	P1402937	08/15/2014	139 LOGISTICS CORRIDOR ASSOCA	1,000.00
	Budget	YTD Exp	YTD Enc	Pending	Closing Balance
	1,500.00	500.00	0.00	1,000.00	0.00
ECONOMIC DEVELOPMENT PROGRAM PROG TOTAL				1,110.00	
64-6451-0000-64904	SUNDRY EXPENSE	P1400200	08/15/2014	LANGE ENTERPRISES INC	2,204.20
	Budget	YTD Exp	YTD Enc	Pending	Closing Balance
	4,864.00	609.44	0.00	2,204.20	2,050.36
ADDRESS SIGNS PROG TOTAL				2,204.20	
64-6460-0000-63110	ADMIN.EXPENSE	P1400199	08/20/2014	FEDERAL EXPRESS CORP	36.85
		P1402938	08/20/2014	SAHCI-STAN.A HUBER CONSULTANTS	20.00
	Budget	YTD Exp	YTD Enc	Pending	Closing Balance
	11,527.00	2,817.21	0.00	56.85	8,652.94
HOUSING GRANT CLEARING ACCOUNT PROG TOTAL				56.85	

I have examined the preceding bills and encumbrances in the total amount of **\$3,371.05**
 Claims covering the items are proper and have been previously funded. These items are to be treated as follows:
 A. Bills and encumbrances over \$10,000 referred to the Finance Committee and County Board.
 B. Bills under \$10,000 to be paid.
 C. Encumbrances under \$10,000 to be paid upon acceptance by the Department Head.

Date: **SEP 11 2014**

Dept Head _____

Committee Chair _____