



ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

INSPECTION SUMMARY LETTER

August 27, 2010

Mr. James DiCola
Midwest Generation, LLC
1800 Channahon Road
Joliet, IL 60436

VIA E-MAIL and U.S. MAIL

KPRG Project No. 15209.2

Re: Joliet #29 Former Ash Burial Area Runoff Inspection 2010

Dear Mr. DiCola:

KPRG and Associates, Inc. (KPRG) completed a walk-over inspection of the former ash burial area on the northeast side of the Joliet #29 property, both inside and outside the fenced boundary of the facility. The inspection was performed on August 23rd, 2010. The purpose of the inspection was to identify any erosional features that may expose the underlying buried ash/slag and channel runoff toward the Des Plaines River which is immediately south of this area. It is our understanding that the ash burial area is included within the storm water/discharge permit for the facility and this inspection is part of permit compliance requirements.

During the inspection, KPRG identified five areas where either sheet wash erosion or rilling has exposed, or may expose, the underlying ash/slag and resulting in potential transport of material to the Des Plaines River. These are identified as Areas 1 through 5 below. For each of the five areas, the following observations and recommendations for repair are forwarded:

- Area 1 – Located at coordinates N41° 29.589'/W88° 07.012'. This is an area of rill development and ash exposure. The rill is forked at the top of the embankment and combines into one rill at the center of the embankment. It is approximately 30 feet long, 3 to 5 feet wide and 1.5 feet deep.

The recommended repair is to fill in the rill with clayey top soil and seed with a mix of all purpose seed and annual rye. This should then be covered with an erosion mat. A straw log should be placed along the top of the subject area to help reduce runoff erosional effects.

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- Area 2 – Located at N41° 29.872'/W88° 06.992'. This is an area of exposed ash along the central portion of the embankment subject to sheet runoff. It is approximately 25 feet long and 8 feet wide.

The recommended repair should include prepping/grading an approximate 30' x 10' surface area (this will include the subject area and a sufficient buffer around the area) and properly placing 4" to 6" of clayey top soil. The top soil should be seeded with a mix of all purpose seed and annual rye. The annual rye will accommodate germination in the later summer and fall months. This should then be covered with a green wood fiber erosion blanket. A series of straw logs should be placed along the top of the subject area to help reduce sheet runoff erosional effects.

- Area 3 – Located at N41° 30.068'/W88° 06.419'. This is an area of some exposed soil and ash along the central portion of the bank slope which is exposed to sheet runoff. The area is approximately 40' x 15' in size. The side slope of bank itself appears in good condition.

The recommended repair should include prepping/grading an approximate 45' x 20' surface area (this will include the subject area and a sufficient buffer around the area) and properly placing 4" to 6" of clayey top soil. The top soil should be seeded with a mix of all purpose seed and annual rye. The annual rye will accommodate germination in the later summer and fall months. This should then be covered with a green wood fiber erosion blanket.

- Area 4 – Located at N41° 30.068'/W88° 06.834'. This area where a rill has developed and started to incise into the bank. The rill is about 25 feet long, 8 feet deep and 1.5 to 2 feet wide.

The recommended repair is to fill in the rill with clayey top soil and seed with a mix of all purpose seed and annual rye. This should then be covered with an erosion mat. A straw log should be placed along the top of the subject area to help reduce runoff erosional effects.

- Area 5 – Located at N41° 29.908'/W88° 06.937'. This is an area where two rills have developed. One rill is forked and is approximately 120 feet long, 8 feet wide and 2 feet deep. The second rill is straight, approximately 125 feet long, 4 feet wide and 2 to 2.5 feet deep. Both rills dissipate prior to incising into the side of the bank.

The recommended repair is to fill in the rills with clayey top soil and seed with a mix of all purpose seed and annual rye. This should then be covered with an

erosion mat. Straw logs should be placed along the top of each subject rill to help reduce runoff erosional effects.

KPRG met with Allied Landscaping at the site to show the areas of required repair to facilitate a contractor cost estimate. Upon receipt of Allied's estimate, KPRG will follow-up with a separate cost estimate for implementation of the recommended repairs.

KPRG appreciates the continued opportunity for providing our technical services to Midwest Generation. If there are any questions, please contact me at 262-781-0475.

Sincerely,
KPRG and Associates, Inc.



Richard R. Gnat, P.G.
Principal