



Jolly, Becky <becky.jolly@dnr.iowa.gov>

Fwd: CRLCSWA: CQA Report for Road on 30-acre Cell

1 message

Rath, Brian <brian.rath@dnr.iowa.gov>
To: Becky Jolly <becky.jolly@dnr.iowa.gov>

Mon, Jan 6, 2025 at 11:21 AM

Becky - Please put this in the record for CR#2, which completes the documentation needed for us to approve the 30-acre cap modifications. Thanks.

Brian Rath, P.E.**Environmental Engineer Senior**

Solid Waste and Contaminated Sites Section

Iowa Department of Natural Resources

6200 Park Ave, Suite 200

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----- Forwarded message -----

From: **Rath, Brian** <brian.rath@dnr.iowa.gov>
Date: Mon, Jan 6, 2025 at 11:20 AM
Subject: Re: CRLCSWA: CQA Report for Road on 30-acre Cell
To: Kinley, Katie <Kathryn.Kinley@hdrinc.com>
Cc: Garrett Prestegard <gprestegard@solidwasteagency.org>

Katie - Thanks for the responses. We have no further comments and approve the construction. We will issue a revised permit to include this and the gas system construction.

Brian

Brian Rath, P.E.**Environmental Engineer Senior**

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On Mon, Jan 6, 2025 at 11:17 AM Kinley, Katie <Kathryn.Kinley@hdrinc.com> wrote:

Hi Brian,

No problem, please see responses to these questions in red below:

1. The cover letter for the original construction request, Doc 106247, did not mention the toe drain; so I did not look for it or notice the distinction between the force main and toe drain on the plan sheets. Please clarify the basis for installing the toe drain.

This toe drain was installed as a protective measure, similar to previous installations on the west perimeter of the historic 30-acre cap area. The toe drain is used to facilitate stormwater drainage and drains into a leachate collection riser. This toe drain was installed as a protection against potential lateral seepage. The intent of this drain is to be proactive and add a protective feature in this area.

2. Detail 1/C103 does not show replacement of the cap in kind (i.e. no compacted clay component). Please provide justification for this.

Toe drain detail 1 on sheet 00C503 – the toe drain was installed primarily outside the limits of the 30-acre final cover. On the north end of the toe drain, where it is inside of the waste limits, it was installed within the newly placed structural fill and upper 2-ft of the soil cap in order to maintain slope (Detail 3/00C501), not disturbing the lower 2-ft compacted portion of the cap. Where the upper portion of the composite cap was disturbed at the toe drain tie-in over the composite cap it was repaired with vegetative soils (per Detail 6 on sheet 00C503). Since installation, vegetation has been established and is performing well in this area.

3. 5/8/24 Daily Report noted a leak. However, there is no repair noted. Please clarify what was done to resolve this issue.

Confirmed, the contractor returned to site to repair the check valve. This work was completed on June 3, 2024. The check valve was repaired and leak was resolved. The site shut off the pump when the leak was identified, and kept it off until the repair was complete.

Please let us know if you have any additional questions on these – more than happy to discuss further.

Thanks,
Katie

Katie Kinley, P.E.

Civil/Environmental Project Manager

HDR

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From: Rath, Brian <brian.rath@dnr.iowa.gov>
Sent: Friday, January 3, 2025 9:16 AM
To: Kinley, Katie <Kathryn.Kinley@hdrinc.com>
Subject: Re: CRLCSWA: CQA Report for Road on 30-acre Cell

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Katie - I have reviewed this report and have a few questions/comments.

1. The cover letter for the original construction request, Doc 106247, did not mention the toe drain; so I did not look for it or notice the distinction between the force main and toe drain on the plan sheets. Please clarify the basis for installing the toe drain.
2. Detail 1/C103 does not show replacement of the cap in kind (i.e. no compacted clay component). Please provide justification for this.
3. 5/8/24 Daily Report noted a leak. However, there is no repair noted. Please clarify what was done to resolve this issue.

If you'd like to talk through this before responding, feel free to call me. Otherwise, please provide responses on or before February 3rd.

Thanks,

Brian

Brian Rath, P.E.
Environmental Engineer Senior
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On Fri, Oct 25, 2024 at 3:51 PM Kinley, Katie <Kathryn.Kinley@hdrinc.com> wrote:

Hi Brian,

Below please find the compiled CQA documentation of the 30-acre cell improvements project (road installation, leachate conveyance system modifications) at Cedar Rapids Linn County Solid Waste Agency Site 2.

 [CRCLSWA Site-2 30acre_CQA_Report_IDNR_102524.pdf](#)

Please feel free to give me a call or let us know if you have any questions or comments on this.

Thanks and have a great weekend,
Katie

Katie Kinley, P.E.

Civil/Environmental Project Manager

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