

Pfeiffer, Jane K - DNR

From: Robert Reineke <rreineke@ksinghengineering.com>
Sent: Wednesday, June 9, 2021 2:35 PM
To: Pfeiffer, Jane K - DNR
Cc: Pratap Singh; Shane LaFave; Que El-Amin
Subject: RE: Community Within the Corridor - East Block (02-41-263675) - Review of Updated Remedial Action Design Report Letter

Follow Up Flag: Follow up
Flag Status: Flagged

Jane,

Thank you. We appreciate the clarification.

Robert T. Reineke, P.E.
Principal Engineer | rreineke@ksinghengineering.com



262.821.1171, ext. 111 (p) | 262.424.5191 (cell)

From: [Pfeiffer, Jane K - DNR](#)
Sent: Wednesday, June 9, 2021 2:33 PM
To: [Robert Reineke](#)
Cc: [Pratap Singh](#); [Shane LaFave](#); [Que El-Amin](#)
Subject: RE: Community Within the Corridor - East Block (02-41-263675) - Review of Updated Remedial Action Design Report Letter

Hi Robert,

The DNR does not recommend stacking multiple 10-mil barriers. Also, the DNR recommends that a thicker vapor barrier that will prevent chemical vapor intrusion be used to be more protective.

Thank you,

Jane

From: Robert Reineke <rreineke@ksinghengineering.com>
Sent: Wednesday, June 9, 2021 10:32 AM
To: Pfeiffer, Jane K - DNR <jane.pfeiffer@wisconsin.gov>
Cc: Pratap Singh <psingh@ksinghengineering.com>; Shane LaFave <Shane@roerscompanies.com>; Que El-Amin <que@scott-crawford.com>
Subject: RE: Community Within the Corridor - East Block (02-41-263675) - Review of Updated Remedial Action Design Report Letter

Jane,

To clarify a technical issue of the letter that affects construction. In regard to the following response in the WDNR letter:

- C. In the Report, K. Singh proposes to install a 10-mil plastic vapor barrier in excavation prior to the placement of the new concrete floor. The DNR recommends installing a more protective barrier than what is proposed. More advanced vapor barriers (i.e., thicker barrier, etc.) must be considered at this site given the high concentration of the sub-slab vapors that exist directly beneath the planned residential unit. Any vapor barrier should be sealed to the foundation features, any utility pierce, stairwell pits or sumps of the building to promote the effectiveness of the barrier. The barrier should be tested in an appropriate manner to assure seals are properly performing.

Would multiple 10-mil layers be acceptable as a thicker barrier or does WDNR solely recommend a single layer barrier?

Robert T. Reineke, P.E.

Principal Engineer | rreineke@ksinghengineering.com



262.821.1171, ext. 111 (p) | 262.424.5191 (cell)

From: [Pfeiffer, Jane K - DNR](#)

Sent: Wednesday, June 9, 2021 8:25 AM

To: [Robert Reineke](#); [Shane LaFave](#)

Cc: [Pratap Singh](#); que@scott-crawford.com

Subject: RE: Community Within the Corridor - East Block (02-41-263675) - Review of Updated Remedial Action Design Report Letter

Hi Robert,

Please feel free to call or email me with any questions you may have regarding this letter.

Thank you,

Jane

From: Robert Reineke <rreineke@ksinghengineering.com>

Sent: Tuesday, June 8, 2021 6:28 PM

To: Pfeiffer, Jane K - DNR <jane.pfeiffer@wisconsin.gov>; Shane LaFave <Shane@roerscompanies.com>

Cc: Pratap Singh <psingh@ksinghengineering.com>; que@scott-crawford.com

Subject: RE: Community Within the Corridor - East Block (02-41-263675) - Review of Updated Remedial Action Design Report Letter

Thank you Jane for the approval letter.

I may have some questions of a technical nature in regards to the letter, but I appreciate the assistance you have provided to date.

Robert T. Reineke, P.E.



262.821.1171, ext. 111 (p) | 262.424.5191 (cell)

From: [Pfeiffer, Jane K - DNR](#)
Sent: Tuesday, June 8, 2021 5:31 PM
To: [Shane LaFave](#)
Cc: [Robert Reineke](#); [Pratap Singh](#); que@scott-crawford.com
Subject: Community Within the Corridor - East Block (02-41-263675) - Review of Updated Remedial Action Design Report Letter

Greetings,

Attached is the updated remedial action design plan review letter for the above-referenced site. Due to the COVID-19 pandemic, I am currently unable to mail you a hard copy of this letter.

Thank you,

Jane

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Jane Pfeiffer

Phone: (414) 435-8021

jane.pfeiffer@wisconsin.gov

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