Davison, Brad <brad.davison@dnr.iowa.gov>

Re: Kwik Trip #801, Osage

1 message

Davison, Brad <brad.davison@dnr.iowa.gov> Mon, Jul 1, 2024 at 10:55 AM
To: "Calvert, Leah" <Leah.Calvert@terracon.com>
Cc: "Nelson, Jesse M" <Jesse.Nelson@terracon.com>, "Bergman, Robert P." <Rob.Bergman@terracon.com>, "Harris, Eric W." <Eric.Harris@terracon.com>

Thank you for the update. I agree with all actions taken. Please continue to keep me up to date on actions taken and sample findings.

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Department of Natural Resources

On Tue, Jun 25, 2024 at 7:22 PM Calvert, Leah <Leah.Calvert@terracon.com> wrote:

Brad,

I wanted to give you an update on our progress at the Kwik Trip #801 facility in Osage. The unregulated tank was removed from the site on June 19, 2024. The tank measured 4' x 11' with a capacity of approximately 1,000-gallons and was in poor condition with holes visible along the sides of the tank. A field screening reading obtained with a photoionization detector (PID) from the soil under the tank was 121.3 ppm; a soil sample was obtained from directly under the tank for laboratory analysis.

As discussed in the Terracon Response to Initial Site Screening Evaluation, dated March 1, 2024, the contaminated soil was removed in conjunction with the demolition of the building. The upper 5 feet of backfill material did not exhibit signs of contamination and field screening results were <10 ppm; this material was stockpiled onsite for reuse. An area approximately 21' x 33' was excavated from the western side of the tank pit; the soil from approximately 5 to 9 feet below ground surface was removed for disposal. Soil samples from the floor and sidewalls were field screened every 100 ft^2 and samples were sent for analysis from the highest field screening readings every 400 ft^2; one soil sample from each side wall and two soil samples from the floor were submitted for analysis. Field screening readings on the side walls and floor ranged from 130.9 ppm on the floor in the northeast portion of the excavation to 38.4 ppm on the floor in the northwest portion of the excavation.

A groundwater monitoring well will be advanced downgradient of the excavation, to the northeast according to the historical LUST files from the adjacent property.

Soil and groundwater analytical results will be submitted with the tank closure report.

Please let us know if you have any questions regarding the tank removal or associated excavation.

Thank you,

Leah Calvert, P.G.
Senior Project Manager

Terracon

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