

Kathryn Roberts

Subject: FW: LEACHATE SEEPAGE QUESTIONS

From: Nicole Ward <nicole.ward@wasteconnections.com>
Sent: Wednesday, October 18, 2023 12:21 PM
To: Larry Israel <lisrael@aqmd.gov>
Cc: Gerardo Vergara <gvergara@aqmd.gov>; Christina Ojeda <cojeda@aqmd.gov>; Steve Cassulo <Steven.Cassulo@WasteConnections.com>
Subject: [EXTERNAL]RE: LEACHATE SEEPAGE QUESTIONS

Good afternoon, Larry

Please see responses to your previous email

1) When was the leachate seep discovered.

Small seeps have been observed around the site since mid-2022 that were immediately cleaned up upon observation. Since April 2023, we have noticed seepage that has reached the concrete-lined storm water channel. The Landfill has placed check dams in the channel to contain any liquids that may reach the channel. When this occurs, vacuum trucks pump the liquids out of the channel and transport them offsite for disposal. Our Local Enforcement Agency is aware of the issue and is planning to issue a Notice of Violation. We will continue to work with the LEA to address the issue and we will forward a copy of the NOV to AQMD once received.

We hope to further address the issue with ongoing repairs on the West Side of the landfill, including the installation of a vertical bank and trench that will help capture and intercept liquid coming out of the slope on the West Side. We are also placing liner on the downhill side to prevent saturation of downhill soils. In addition, the installation of additional vertical gas extraction wells and dewatering pumps throughout the Landfill is already showing an increase in the effective removal of liquids from the Landfill.

2) Estimate of flow in gallons.

It is not possible to measure the flow of the leachate out of the landfill.

3) Estimate of how much is being collected by Patriot daily. Is the leachate being collected on weekends (Sunday) when the landfill is closed.

As noted above, we are capturing leachate in the storm water channel and have measures in place to ensure that the leachate does not leave the channel. We use multiple hauling companies, including Patriot, to collect the leachate with vacuum trucks and leachate collection is occurring seven days a week including when the landfill is closed. The overall volume of leachate collected from the landfill has been increasing, and based on the latest information, approximately 16 truckloads a day are collected from the seeps. A full truckload is approximately 2,300 gallons. We are establishing a process to formalize our tracking of leachate collected from the particular seeps in question.

4) Has anyone collected samples of the leachate for chemical analysis.

We dispose all leachate at offsite locations. We are required by the disposal companies to provide representative samples of the leachate on a routine basis prior to disposal. We collect samples of leachate from the site, including from the west toe drain, the H2S sump, and six tanks at the base of the hill. We have not collected samples from the particular seeps in question, but due to the proximity to the west toe drain (approximately 1,000 feet), we believe the west toe drain sampling to be representative of this leachate.

5) The approximate grid location of the visible leachate seep.

The approximate grid locations are 201, 202, 205.

Respectfully,

Nicole Ward

Assistant District Manager

Chiquita Canyon Landfill

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WASTE CONNECTIONS
Connect with the Future

From: Larry Israel <lisrael@aqmd.gov>

Sent: Friday, October 6, 2023 5:17 PM

To: Nicole Ward <nicole.ward@wasteconnections.com>

Cc: Gerardo Vergara <gvergara@aqmd.gov>; Christina Ojeda <cojeda@aqmd.gov>

Subject: LEACHATE SEEPAGE QUESTIONS

Good Afternoon Nicole,

Thank you for taking the time this afternoon to show Gerardo and I the areas regarding the leachate seep. Can you provide us with the following information:

- 1). When was the leachate seep discovered.
- 2). Estimate of flow in gallons.
- 3) Estimate of how much is being collected by Patriot daily. Is the leachate being collected on weekends (Sunday) when the landfill is closed.
- 4). Has anyone collected samples of the leachate for chemical analysis.
- 5). The approximate grid location of the visible leachate seep.

Separately,

Can you provide me with a copy of the form that is presently being used by CTEH for their odor surveillance and a copy of the specific report for Tuesday October 3rd.

Thank You,
Larry Israel