

June 29, 2019  
File No. 02219702.00

Mr. Tom Farrell, Manager  
Division of Solid Waste Enforcement  
New Jersey Department of Environmental Protection  
9 Ewing Street  
Trenton, New Jersey 08625-0420

Mr. Jeffery Meyer, Manager  
Division of Air Enforcement  
Bureau of Air Compliance and Enforcement  
New Jersey Department of Environmental Protection  
7 Ridgedale Avenue  
Cedar Knolls, New Jersey 07927

Subject: June 29, 2019 Monitoring Station Data  
Keegan Landfill  
New Jersey Sports and Exposition Authority  
Permit Activity Number: EIP190001  
EA ID#: NEA 190001-13317

Dear Mr. Farrell and Mr. Meyer:

On June 29, 2019, SCS Engineers, on behalf of the New Jersey Sports and Exposition Authority (NJSEA), notified the NJDEP hotline (1-877-WARNDEP) that a hydrogen sulfide (H<sub>2</sub>S) gas measurement, in excess of 30 ppb over a 30-minute period (rolling averages), was recorded at monitoring station MS-2 at the Keegan Landfill (see Attachment 1). NJSEA made this notification, as required under the NJDEP-approved Monitoring Action Plan and Reference #11 of the subject Permit, for raw data collected from MS-2 on June 29, 2019 (see Attachment 2). We provide discussion and analysis of the data recorded at MS-2 below.

## MONITORING STATION MS-2

The 30-minute rolling average H<sub>2</sub>S concentration was in excess of 30 ppb at 2:30 am at Monitoring Station MS-2 on June 29 (see raw data in Attachment 2). The average wind speed and direction measured during the period of the exceedance is provided in Attachment 3. The average wind speed and direction were 1.5 mph and 223 degrees (i.e., from the southwest). The wind direction and MS-2 are shown on a map of the site. The nearest potential receptor is approximately 3000 feet from the monitoring station (see Attachment 4).



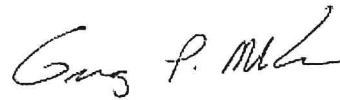
The cause of the emission appears to be uncontrolled emissions from the Landfill. There was no corrective action implemented in accordance with the Odor Control Plan, as the exceedance occurred in the middle of the night and returned to less than 30 ppb by the morning. Construction of a landfill gas collection and control system (GCCS) will commence on July 1, 2019. The GCCS is expected to be operational by September 17, 2019 to control emissions from the Landfill.

Please call either of the undersigned with any questions or comments.

Sincerely,



Lisa K. Wilkinson  
Project Director I  
SCS Engineers



Gregory P. McCarron, PE  
Project Director II  
SCS Engineers

cc: G. Lugo, NJDEP (hardcopy and electronic copy)  
A. Fontana (electronic copy)  
T. Marturano, NJSEA (electronic copy)  
A. Levy, NJSEA (electronic copy)  
C. Sanz, NJSEA (electronic copy)  
J. Stewart, Lowenstein (electronic copy)  
G. Castano (electronic copy)

Due to large size of this file, attachments are not posted but are available upon request by emailing [info@njsea.com](mailto:info@njsea.com)

