

# CITGO Petroleum Corporation, Lemont Refinery

## CITGO Petroleum Corporation, Lemont Refinery

### Consent Decree Initial Semi-Annual Report

Reporting Period: January 11, 2017 through December 31, 2017

#### Attachment 6, Appendix A

#### Status of Supplemental Environmental Projects

Paragraphs 63.g., 55, Appendix C

<i>SEP</i>	<i>Item</i>	<i>Status</i>
Fence Line Monitoring System	Description	<p>The Fenceline Monitoring System (FLMS) under this Consent Decree consisted expending at least \$650,000 to do the following:</p> <ul style="list-style-type: none"> <li>- A station to monitor meteorological parameters, and</li> <li>- Two stations consisting of a shelter and monitors for benzene, hexane, and hydrogen sulfide monitors ("Tank Farm" and "Mink Farm")</li> <li>- Meet shelter design, station location, and sampler inlet requirements</li> <li>- Use a Data Acquisition System to log numerical data</li> <li>- Apply QA/QC procedures</li> <li>- Post data to a website (<a href="http://www.citgorefining.com/lemont/environment">http://www.citgorefining.com/lemont/environment</a>)</li> <li>- Conduct Field Investigations based on Screening Conditions detected with the above monitoring equipment.</li> <li>- If necessary, implement corrective actions to address the Screening Condition.</li> </ul>
	Status	<p>The above monitoring equipment was installed by January 31, 2017, at a total project cost of \$1,497,883. This does not include ongoing contractor support for data review and analyzer maintenance.</p> <p>The FLMS Plan was submitted to U.S. EPA on May 8, 2017.</p> <p>Validation of Equipment, Field Investigation Development, and Training were completed June 30, 2017.</p> <p>Field Investigations were able to be performed for any Screening Events occurring on or after July 1, 2017.</p> <p>Data was posted to the web-site beginning July 2, 2017.</p> <p>Per paragraph C16, this SEP will be deemed complete two years after Field Investigations were required (<i>i.e.</i> , two years after July 2, 2017, or July 2, 2019).</p>
	Number and dates of Screening Conditions observed during period	No Screening Conditions were observed during the reporting period.

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<i>SEP</i>	<i>Item</i>	<i>Status</i>
Fence Line Monitoring System	Per Paragraph C24.b., For each observed Screening Condition, the following are provided: - Detailed summary - - Associated Field Investigation - Findings of Compliance Status Determination - Corrective Action - FLMS measurement data - Narrative description of IR Camera gas imaging - Portable PID data - Process and operational data - Actions taken	Not applicable during reporting period; no Screening Conditions were observed during the reporting period.