



October 2017

The following information is provided in response to the 2017 *Disclosing the Facts* questionnaire.

| <u>Question No.</u> | <u>Question</u> | <u>Additional Information</u> |
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| 1. | Does the company describe its leak detection and repair program, including the facilities and assets covered by the program? | <p>Devon has both a regulatory based and voluntary LDAR program that goes beyond compliance. Devon’s LDAR program applies to all facilities and assets. Devon’s LDAR program is designed to concentrate Devon’s efforts on its largest throughput or higher potential for leakage sites based on facility equipment and design.</p> <p>Devon has initiated a Preventative Maintenance program that will allow for the identification of leak prone equipment.</p> <p>Devon uses FLIR® cameras in every operating area of the company. Devon has invested over \$1,000,000 in FLIR® cameras alone.</p> |
| 2. | Does the company describe the specific methodologies used (e.g. infrared camera, audio visual olfactory, continuous monitoring, stationary methane detectors) to identify methane leaks in its operations? | <p>Please refer to Devon’s 2016 Corporate Social Responsibility report, which may be found on Devon’s Social Responsibility webpage.</p> <p>The methodology used in Devon’s LDAR program is primarily infrared cameras (FLIR®). In addition, audio visual olfactory testing and, in Canada, hi-flow sampler measurement are also employed. Continuous ambient monitoring stations and passive stations are used to monitor ambient air quality at some Devon locations in Canada.</p> |
| 3. | For the specific methodologies described in Question No. 2, does the company describe how frequently it uses each methodology and what proportion/percentage of each facility and/or asset is covered? | <p>Devon performs LDAR surveys in all operating areas. This includes LDAR survey requirements associated with production sites subject to EPA’s NSPS Subpart OOOOa regulations and sites subject to BLM venting and flaring regulations.</p> |



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| | | <p>With respect to Devon’s voluntary LDAR program in the U.S., the survey frequency varies among Devon’s operating areas depending on the volume, rate, and characteristics of the hydrocarbons Devon produces. The program categorizes facilities and assets to concentrate efforts on sites with the highest production volume/rate or highest potential for leakage based on facility equipment and design. This leads to a focus on sites closed with vent systems and emission control for tanks. In Canada, the frequency and proportion of LDAR conducted is determined based on potential for leakage.</p> <p>In addition to the information available in Devon’s Corporate Social Responsibility Report, Devon’s CDP report describes the specific standards, protocols, or methodologies that Devon uses to collect data on emissions. Please see the response to Question No. 11 below and information available in Devon’s CDP reports.</p> |
| 4. | Does the company describe its leak repair procedures(s), principally the routine time period between leak detection and repair? | <p>Devon uses a work order system to schedule repairs. Our system reflects that leaks are repaired in a timely fashion and are generally performed within less than 30 days of discovery. When possible, leaks are repaired promptly upon discovery.</p> <p>Devon’s work order system allows the company to prioritize repairs for large leaks, but Devon typically addresses all leaks in the same timeframe.</p> |
| 5. | Does the company describe its engineering and maintenance practices to, prevent, or minimize leaks? | <p>Devon is implementing a field structure program in which each field employee is provided specific work responsibilities. In each operating area, Devon has added the position of Environmental Operator whose function is to perform environmental monitoring.</p> <p>Devon has implemented a voluntary 90-day environmental review on new and significantly modified facilities to check for air permit compliance and function of emission control devices.</p> |



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| | | Devon has also implemented an Engineering Design Standard for newly constructed and redesigned facilities. This ensures consistent engineering design that incorporates emission performance. |
| 6. | Does the company describe the leak detection training it provides its operational/production staff, contractors who routinely visit well sites and/or are hired to conduct leak detection and repair, and staff trained specifically to conduct LDAR? | <p>Devon performs LDAR surveys with company personnel (Environmental Professionals or Environmental Operators) or third party LDAR companies. All personnel have received FLIR® camera and LDAR survey training from a certified trainer.</p> <p>The LDAR training program includes both in classroom, on-site, and hands-on components.</p> |
| 7. | Does the company disclose an active, quantitative methane emissions reduction target, with timeline, and progress toward achieving this target? | Please see the response to Question No. 11 below and information available in Devon’s CDP reports for the disclosure of any targets. |
| 8. | Does the company describe its company-wide methane venting practices? | Devon does not typically vent associated gas from the well when gas pipeline takeaway is unavailable. Devon employs emission reduction technology and control venting from other sources as required by regulation in order to minimize venting. In its heavy oil operations, Devon employs conservation and use of associated gas as a fuel source where possible. |
| 9. | Does the company describe its company-wide methane flaring practices, including success in reducing flaring? | Devon has development planners in each Business Unit. Their job is to ensure gas takeaway infrastructure is in place before a well is drilled. This has dramatically reduced flaring. |
| 10. | Does the company report the percentage emissions rate for methane measured as methane emissions per methane production on an annual basis, and/or the percentage emissions rate for methane emissions per MBoe (i.e, per thousands of barrels of crude oil equivalent, oil & gas) on an annual basis? | Please see the response to Question No. 11 below and information available in Devon’s CDP reports for disclosure of detail on any emissions rates. |



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| 11. | With respect to measuring methane emissions, does the company describe how it measures and reports emissions, including when it uses and reports actual measurements and when it estimates emissions using engineering calculations or emission factors? | Please refer to Devon’s 2016 and 2017 Carbon Disclosure Project (CDP) reports, which may be found on the “Air” page on Devon’s Social Responsibility webpage.* The reports, beginning in the module titled “GHG Emissions Accounting, Energy and Fuel Use, and Trade,” describe Devon's method for estimating methane emissions. Where process modeling is employed, Devon used the most advanced process simulation models to estimate emissions. |
| 12. | Does the company report the percentage or number of high-bleed controllers replaced with low-emission alternatives, or a program for their replacement? | Devon has performed high bleed pneumatic controller replacement projects in the past on its assets. Most of those assets have since been sold. Devon currently does not have a program to find and replace existing high bleed controllers, but Devon believes that its current assets do not contain a high number of those controllers because it has been using low or intermittent bleed controllers since August 2011. |
| 13. | Does the company disclose its contributions, through multi-stakeholder processes or otherwise, to developing new technologies or advancing innovations or technical knowledge about leak detection, measurement, and repair? | Please see information available on Devon’s website, including CDP and Corporate Social Responsibility reports, for any responsive detail. |
| 14. | Does the company disclose how it incentivizes greenhouse gas reductions at the board, management, and/or staff level through compensation structures? | Please see information available on Devon’s website, including CDP reports and Proxy Statements, for any responsive detail. |

* Devon’s 2017 CDP report will be available on the webpage after CDP releases it, which Devon expects to occur on or after October 24, 2017.

The responses contained in this document are made as of the date of this document. Devon does not undertake any obligation to update the responses as a result of new information, future events or otherwise.