

PeCOD Application Summary #01 – Petrochemical Industry

The PeCOD Analyzer has proven to be a valuable tool for clients in the petrochemical industry, providing a rapid, safe, reliable method for operators to determine COD in process effluents. In addition, the sensitivity of PeCOD to both low and high COD levels makes it very effective at detecting contamination of hydrocarbons into natural water bodies and process flows. The PeCOD has also been introduced as the primary COD monitoring method for remote offshore drilling platforms. The simple, safe procedure combined with the robust L50 hardware allows the equipment to be brought anywhere on site and be run by any operator, providing direct results when and where they are needed.



The summary table below explains details of several PeCOD end-users in the petrochemical industry.

Company	PeCOD User Since	Details
Husky Energy (Alberta, Canada)	2020-05-20	Daily COD testing for pond transfers and surface water discharge, including brine water
Chevron (Texas, USA)	2019-05-01	Monitoring COD for influent/effluent of treatment for a refinery
Imperial Oil (Ontario, Canada)	2019-05-08	Research on several petrochemical applications for PeCOD at Sarnia facility
Napier-Reid (Venezuela)	2018-01-15	Consultant for state owned Oil & Gas company in Venezuela
Pieridae Energy (Alberta, Canada)	2018-06-01	Monitoring process points to prevent upsets and identify contamination
Suncor (Ontario, Canada)	2018-11-01	Monitoring surface waters on site, and some effluent

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Chevron (Nigeria)	2017-07-10	COD monitoring on offshore oil drilling platform
BP Products (Indiana, USA)	2015-12-15	Treatment plant optimization and effluent control
Petronas (BC, Canada)	2012-09-01	Treatment plant optimization and effluent control