

## Project Location



## Environmental Mitigation Measures during operation period

- Monitoring air quality in the parameters of CO, SO<sub>2</sub>, NO<sub>2</sub>, TSP, THC and PM-10 for ambient air.
- Controlling emission from stack to comply with the emission standard of Ministry of Industry, Thailand.
- Providing preventive maintenance for machines and equipment to keep them in good conditions.
- Controlling the effluent quality to comply with the wastewater standard of Ministry of Industry, Thailand.
- Conducting emergency response exercise regularly.

## Project Information

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The production of ethylene capacity is around 300,000-360,000 ton/year

## Implementation results of Mitigation and Monitoring Measures

- Ambient air quality: Monitoring CO, SO<sub>2</sub>, NO<sub>2</sub>, TSP, THC and PM-10 in the ambient air. All parameters comply with standard.
- Air emission from stack: Monitoring CO, SO<sub>2</sub>, NO<sub>x</sub>, TSP, NH<sub>3</sub> and H<sub>2</sub>S emission from stacks. All parameters comply with standard.
- Effluent quality: Monitoring pH, Temperature, COD, TSS, Grease & Oil, NH<sub>3</sub> and H<sub>2</sub>S of effluent. All parameters comply with standard.
- Noise pollution : Monitoring Leq24 hr, Leq8 hr, Noise Dose. The monitoring result complies with standard.
- Safety: Conducting emergency response exercise and providing preventive maintenance for emergency alarm system regularly.