

# Carbon Dioxide Emissions Stopped from Projects in Cowlitz County in the Last Decade

Estimated from production if combusted, and not including additional emissions from total life cycle.

By Diane L. Dick, April 21, 2021

## 2010 Millennium Bulk Terminal (MBT)

Coal terminal exporting 44 MMT subbituminous coal per year	= 64.68 million metric tons CO <sub>2</sub> e
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## 2014 Northwest Innovation Works (NWIW)

Produce 3.65 MMT methanol from Canadian fracked gas per year	= 5 million metric tons CO <sub>2</sub> e
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## 2014 Haven Energy

Terminal exporting 17,320,710 barrels railed propane and butane per year	= 4.37 million metric tons CO <sub>2</sub> e
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## 2015 Waterside Energy

Terminal exporting 27,375,000 barrels railed propane and butane per year	= 6.90 million metric tons CO <sub>2</sub> e
Refine 10,950 barrels oil per year	= 0.005 million metric tons CO <sub>2</sub> e

## 2016 Pacific Coast Fertilizer (PCF)

Produce anhydrous ammonia from 16,425 million cubic feet fracked gas per year	= 0.709 million metric tons CO <sub>2</sub> e
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**TOTAL CO<sub>2</sub> STOPPED: 81.7 million metric tons**

**Compare to WA's 2018 GHG emissions of 99.6 million metric tons.**

Additionally, nearby Clark County's Tesoro Savage Oil Terminal at 131 million barrels oil per year, using same metrics, would have emitted 55.13 MMT CO<sub>2</sub>e.

Resource: [U.S. Energy Info Admin \(EIA\) Carbon Dioxide Emissions Coefficients](#)