

**Acronyms (add to list as needed for your project)**

|      |                                |
|------|--------------------------------|
| bbl  | barrel                         |
| CO2e | Carbon dioxide equivalents     |
| CO   | Carbon monoxide                |
| CTG  | Combustion turbine generator   |
| dscf | Dry standard cubic feet        |
| EPN  | Emission point number          |
| EFR  | External floating roof         |
| gr   | Grain                          |
| GHG  | Greenhouse gases               |
| hr   | Hour                           |
| H2S  | Hydrogen sulfide               |
| IFR  | Internal floating roof         |
| Pb   | lead                           |
| MSS  | Maintenance, startup, shutdown |

|               |  |
|---------------|--|
| MW            | Megawatt   |
| MWh           | Megawatt hour  |
| MMBtu         | Million British thermal units  |
| NOx           | Nitrogen oxides  |
| O2            | Oxygen   |
| PM/PM10/PM2.5 | Particulate matter, including PM equal to or less than 10 or 2.5 microns in diameter |
| ppm           | Parts per million  |
| lb            | Pound  |
| SCR           | Selective catalytic reduction  |
| SO2           | Sulfur dioxide   |
| H2SO4         | Sulfuric acid  |
| tpy           | Tons per year  |
| VOC           | Volatile organic compounds   |

**Facility Information**

|   |  |
|---|--|
| Company Name  | Equistar Chemicals, LP   |
| Facility Name   | Channelview Complex  |
| Project Description (only address units requiring federal review) | The applicant proposes to authorize additional natural gas for the flare |
| Facility County   | Harris   |
| Facility Contact (Name, Phone Number)                             | Mrs. Kim Foley, (281) 862-5150   |
| Your Contact Info (Name, Phone, Email)                            | Ms. Cara Hill, (512) 239-5123, Cara.Hill@tceq.texas.gov                  |
| Permit Numbers (this list should match your CND header)           | 1768 and N142M1  |
| Title V Permit Number (or not yet available)                      | O-1426   |
| Permit Type (All Major & Minor permits)                           | Modify Existing Process at Existing Facility                             |
| Projected Second Public Notice Issuance Date                      | 6/5/2020   |
| Projected Final Issuance Date                                     | 7/10/2020  |
| <a href="#">SIC Code</a>  | 2869   |
| <a href="#">NAICS Industry Code</a>                               | 325199   |
| <a href="#">Facility Registry System Number (or not found)</a>    | 110064622207; 110006531397   |
| Nearest Class I Area  | Caney Creek Wilderness   |
| Distance from Facility to Nearest Class I Area                    | Greater than 250 km  |

**Pollutants triggering major NSR permitting with this action**

|     |        |        |        |
|-----|--------|--------|--------|
| NOX | * BACT | * LAER | * MACT |
|-----|--------|--------|--------|

|   |   |  |  |   |  |
|---|---|--|--|---|--|
| <b>Source of emissions</b>  |   | Flare (EPN 38E01)  |  |   |  |
| <a href="#">Process code for emission source listed above</a>   |   | 64.003   |  |   |  |
| <b>Primary fuel fired (if applicable)</b>   |   | Natural gas  |  |   |  |
| <b>Throughput with units (leave blank if confidential)</b>  |   |  |  |   |  |
| <b>Source notes (optional)</b>  |   |  |  |   |  |
| <b>Other applicable requirements</b><br>-Can select multiple<br>-List all applicable subchapters and subparts<br>-Specify pollutants, if needed |   | <ul style="list-style-type: none"> <li>* NSPS Click here to enter subparts.</li> <li>* NESHAP Click here to enter subpart.</li> <li>* MACT YY</li> <li>* Ch. 115 or 117</li> </ul> |  |   |  |
| <b>Pollutant</b>  | <b>Test Method</b><br>Blank = unspecified | <b>Control Method</b><br>(select more than one as needed)  | <b>Control Method Description</b>                      | <b>Other factors considered</b><br>(health effects, etc.)<br>Blank = none | <b>Numeric Limit</b><br>with units<br>(required) |
| NO <sub>x</sub>   |   | <ul style="list-style-type: none"> <li>*Pollution Prevention</li> <li>*Add On Control</li> <li>*No control</li> </ul>  | Good combustion practices, proper design and operation |   |  |

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