

## Deficiency List

FOP O4161/Project 29330

Bayport Polymer

NSR 122353 and PSDTX1426 – 10/09/2019

I have completed my review of the Major NSR Summary Table submitted for the above referenced NSR permit and have the following comments:

1. Special Condition (SC) #3 – The condition contains the requirements for reactors, distillation units, and engines. I am thinking the SC 3 should be added to the corresponding units, such as Emergency generator and furnace at their monitoring/testing, recordkeeping, or reporting (MRRT) columns. If you agree, please add it in the table. If not, please provide explanation.

At the time the original NSR permit was written, a complete regulatory review of the new unit. Since then, many of the standards listed in Special Condition 3 have been indicated as negative applicability in Title V and actually don't belong in Special Condition 3. We are okay with putting in the specific sources that have applicability per the Title V permit, but not the ones that have negative applicability. We are currently in the process of completing an as-built permit amendment application which will remove the NSPS which do not belong in this condition. There is one small tank subject to NSPS Kb. Likewise, fugitives are subject to NSPS VVa. NSPS NNN and RRR will have negative applicability in the Title V application and will be removed from the NSR Permit.

2. SC NO.4 - Should it be placed at MRRT columns for fugitive emissions at least , or more units? If you do not agree, please justify.

This is another condition that needs to be cleaned up in the as-built permit application. Part 61, Subparts J and V have negative applicability in the Title V application and will be removed from the NSR Permit. After this change, nothing in Special Condition 4 applies to fugitives for this project. This is not correct. This change should not be made. Only special condition 3 and 5 apply to fugitives.

3. SC NO.7 should be placed the combustion sources with SO2 monitoring and recordkeeping columns. I am adding them to those units. If you do not agree, please justify.

We agree. Please update as suggested.

4. SC NO. 8 does not imply reporting. I am deleting the condition from reporting column. If you do not agree, please explain.

We typically report exceedances of these listed concentrations in the Semi-Annual Title V Deviation Report. The GHG Permit Special Condition 11 specifically states that this type of exceedance should be reported in the Title V Deviation Report. We agree that the NSR Permit Special Condition 8 does not specifically state reporting is required, we believe it is strongly implied. To maintain consistency, we request that this condition be tied to Title V Deviation Reporting.

5. SC NO. 11 does not imply reporting. I am removing it.

We typically report exceedances of these listed concentrations in the Semi-Annual Title V Deviation Report. The GHG Permit Special Condition 11 specifically states that this type of exceedance should be reported in the Title V Deviation Report. We agree that the NSR Permit Special Condition 11 does not specifically state reporting is required, we believe it is strongly implied. To maintain consistency, we request that this condition be tied to Title V Deviation Reporting.

6. SC NO.16. I am curious why you do not have any tanks EPNs and associated emission limits.

Our feedstock (Ethane) and Product (Ethylene) enter and exit the plant via pipeline. The small tanks we do have are routed to a Thermal Oxidizer (X-3800) as directed in Special Condition 16(A).

7. SC NO. 29 should also be added in the recordkeeping column as you record monitoring data. If you do not agree, please explain.

We agree. Please update as suggested.

8. GHG Permit, SC NO. 10 is also implying reporting. I am adding it. If you do not agree, please explain.

We agree. Please update as suggested.

9. GHG Permit, SC NO. 11 Subpart C requires deviation reporting. If you do not agree, please provide justification.

We agree. Please update as suggested.

10. GHG Permit SC NO. 14.I. talks about notification to TCEQ Region office, which implies reporting. I am adding it to the column. If you do not agree, please justify.

We agree. Please update as suggested.

11. GHG Permit SC NO 19. I think it contains recordkeeping requirements, for example, using flow rates, running time, average measurement. If you do not think so, please justify.

We agree. Please update as suggested.