

Emission Summary

Permit Number: 965715P

Source Status: New ☐ Modification ☒ Expansion ☐ Relocation ☐ **Permit Status:** New ☒ Renewal ☐

PSD ☐ NSPS ☒ NESHAPs ☐ **Previous Permit Number:** Construction _____ Operating 562316

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard 1200-03-
	Actual	Potential	Allowable	Actual	Potential	Allowable	Net			
TSP						N/A				
SO ₂						N/A				
CO						N/A				07-.07(2)
VOC						23.66			6**	07-.07(2)
NO _x						N/A				07-.07(2)

* - Source of data

** - Emissions are estimated using several different methods, as specified in the application.

PERMITTING PROGRAM: TJB DATE: March 22, 2012

TABLE OF EMISSION ESTIMATION METHOD CODES

NOT APPLICABLE EMISSIONS ARE KNOWN TO BE ZERO	0
EMISSIONS BASED ON SOURCE TESTING	1
EMISSIONS BASED ON MATERIAL BALANCE USING ENGINEERING EXPERTISE AND KNOWLEDGE OF PROCESS	2
EMISSIONS CALCULATED USING EMISSION FACTORS FROM EPA PUBLICATION NO. AP-42 COMPILATION OF AIR POLLUTANT EMISSIONS FACTORS	3
JUDGEMENT	4
EMISSIONS CALCULATED USING A SPECIAL EMISSION FACTOR DIFFERING FROM THAT IN AP-42	5
OTHER (SPECIFY IN COMMENTS)	6

CONSTRUCTION PERMIT SUMMARY REPORT

Company Name: Eastman Chemical Company File Number: 82-1003 EPS Initials: TJB
Permit Number(s): 965715P Source Point Number(s): 08
Application Received (date): February 28, 2012 Application Complete (date): February 28, 2012
Air Quality Analysis Performed? Yes ☐ No ☒

Briefly describe the project: (new source, modifications) (what the process is) (type controls proposed) (emissions expected, qualitative) (replacing what sources) (background information)

Modification of an existing process (PES B-244-1) to add NSPS VVa applicability.

Rules Analysis

Title V ☒ Cond. Major ☐ Minor ☐ Source category listed in 1200-03-9-.01(4)(b)1.(i)? Yes ☒ No ☐

Reason for PSD:	New source above _____ TPY	<input type="checkbox"/>	Sig. increase in _____ emissions	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NSPS:	40 CFR Part 60, Subpart <u>VVa</u>	<input checked="" type="checkbox"/>	State Rule 1200-03-16-. _____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 61, Subpart _____	<input type="checkbox"/>	State Rule 1200-03-11-. _____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 63, Subpart <u>FFFF</u>	<input checked="" type="checkbox"/>	State Rule 1200-03-31-. _____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Other Applicable State Rules

TSP Emissions:	1200-03- _____ -. _____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	NO _x Emissions:	1200-03- _____ -. _____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
SO ₂ Emissions:	1200-03- <u>14</u> -. _____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	Lead Emissions:	1200-03- _____ -. _____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
CO Emissions:	1200-03- _____ -. _____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	_____ Emissions:	1200-03- _____ -. _____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
VOC Emissions:	1200-03- <u>07</u> -. <u>07(2)</u>	<input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	_____ Emissions:	1200-03- _____ -. _____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Visible Emissions from	<u>source</u>	not to exceed	<u>20</u>	% opacity per Method	<u>9</u>	(Rule 1200-03- <u>05</u> -. _____)
Visible Emissions from	_____	not to exceed	_____	% opacity per Method	_____	(Rule 1200-03- _____ -. _____)
Visible Emissions from	_____	not to exceed	_____	% opacity per Method	_____	(Rule 1200-03- _____ -. _____)