

Statement of Basis For Title V Permit

Company Name	Onyx Environmental Services, L.L.C.	
Premise Number	0857751346	
Number of Non-insignificant Emissions Units	43	
What makes this facility a Title V facility?	HAPS	
Has each insignificant emissions unit been reviewed to confirm it meets the definition in 3745-77-01 (U)?	Yes	

Part II (State and Federally Enforceable Requirements)			
Term and Condition (paragraph)	Basis		Comments
	SIP (3745-)	Other	
1.	N	Y	Explains which emissions units at the facility must use a vapor balance system.
2.	N	Y	Operational restrictions for the vapor balance system.
3.	N	Y	Recordkeeping requirements for the vapor balance system.
4.	N	Y	Reporting requirements for the vapor balance system.

** Onyx Environmental Services, L.L.C. utilizes a common control to reduce the organic compound vapor emissions. These control is achieved by using a vapor balance system which displaces the vapors to other available tanks during any transfer of organic materials. All of the facilities non-insignificant emissions units usethis common control so we decided to include terms on the facility side of the permit to avoid being repetitious for all the units with terms and conditions. We copied the GDFs STARS library language to establish these montoring, record keeping, and reporting requirements.

- **Instructions for Part II:**

Each paragraph in Part II must be identified and the remainder of the table completed. If the SIP (not including 31-05) is the basis for the term and condition, identify the specific rule. If the SIP is not the basis for the term and condition, place an “N” in the column under “SIP.” If the basis for the term and condition is something other than the SIP, including 3745-31-05, NSPS or MACT, a “Y” should be noted in the “Other” column, and if not, an “N” should be noted. Whether the basis for the term and condition is the “SIP” or “Other,” an explanation of each term and condition in Part II must be provided in the “Comments” section.

- If there were any “common control” issues associated with this facility, after the table for Part II, provide a summary of those issues and explain how the DAPC decided to resolve them.

Part III (Requirements Within the State & Federally Enforceable Section)

EU(s)	Limitation	Basis		OR	M	R	Rp	ET	Misc	Comments
		SIP (3745-)	Other							
P006	submerged fill	21-07 (D)(2)	N	Y	N	N	N	N	N	OR: The permittee must use a submerged fill pipe as defined in OAC rule 3745-21-01(C)(6). M: No monitoring requirements are necessary to show compliance. R: No record keeping requirements are necessary to show compliance. Rp: No reporting requirements are necessary to show compliance. ET: No emission testing is required to show compliance. Misc: There are no miscellaneous requirements.
P007, P008, and P009	8 lbs OC/hr and 40 lbs OC/day	21-07 (G)(2)	N	Y	Y	Y	Y	N	N	OR: The permittee must use a primary condenser and secondary condenser (2 stage steam vacuum system) at all times when the emissions unit is in operation. M: The permittee shall monitor all periods of time when the condensers are not functioning while the emissions unit is in operation. Also, the permittee shall monitor the vent pressure, vent temperature, and vent flowrate every two hours. R: Records must be kept of the vent pressure, vent temperature, and vent flowrate and a calculation of the hourly emission rate. Rp: Quarterly deviation reports for any excursion of the 8 lbs/hr or 40 lbs/day OC limitations and any periods of time when the condensers were not in operation while the emissions unit was in operation. ET: No emission testing is required to show compliance. Misc: There are no miscellaneous requirements.
P010	8 lbs OC/hr and 40 lbs OC/day	21-07 (G)(2)	N	Y	Y	Y	Y	N	N	OR: The permittee must not exceed 640 drums (35,200 gallons) processed in any one day and must maintain a removal efficiency of 90% using the carbon canister. M: The permittee shall monitor the control efficiency as described in the Standard Deviation Practice (SDP) submitted to RAPCA on Nov. 1, 1999. R: The permittee shall keep records of the number of drums processed daily and the results of the carbon canister efficiency testing. Rp: Quarterly deviation reports for any excursion of the 8 lbs/hr or 40 lbs/day OC limitations and any periods of time when the carbon canister's control efficiency was less than 90%. ET: No emission testing is required to show compliance. Misc: There are no miscellaneous requirements.
T059	submerged fill	21-07 (D)(2)	N	Y	N	N	N	N	N	OR: The permittee must use a submerged fill pipe as defined in OAC rule 3745-21-01(C)(6). M: No monitoring requirements are necessary to show compliance. R: No record keeping requirements are necessary to show compliance. Rp: No reporting requirements are necessary to show compliance. ET: No emission testing is required to show compliance. Misc: There are no miscellaneous requirements.

T059	submerged fill	N	NSPS Sub-part Kb	N	N	Y	N	N	N	OR: There are no operational restrictions that can ensure compliance. M: No monitoring requirements are necessary to show compliance. R: Records must be kept of the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Rp: No reporting requirements are necessary to show compliance. ET: No emission testing is required to show compliance. Misc: There are no miscellaneous requirements.
T001, T005, T006, T007, T017, T018, T019, T020, T021, T022, T023, T024, T025, T026, T040, T041, T042, T044, T045, T046, T047, T048, T049, T051, T052, T053, T054, T055, T056, T057, T058, T060, T061, T062, T063, T065, T067	submerged fill	21-07 (D)(2)	N	Y	N	N	N	N	N	OR: The permittee must use a submerged fill pipe as defined in OAC rule 3745-21-01(C)(6). M: No monitoring requirements are necessary to show compliance. R: No record keeping requirements are necessary to show compliance. Rp: No reporting requirements are necessary to show compliance. ET: No emission testing is required to show compliance. Misc: There are no miscellaneous requirements.

EU = emissions unit id

OR = operational restriction

M = monitoring requirements

R = recordkeeping requirements

Rp = reporting requirements

ET = emission testing requirements (not including compliance method terms)

Misc = miscellaneous requirements

- **Instructions for Part III:**

- All non-insignificant EUs must be included in this table. For each EU, or group of similar EUs, each emission limitation and control requirement specified in section A.I.1 and A.I.2 of the permit must be identified and the remainder of the table completed.
- If the SIP (not including 31-05) is the basis for the term and condition, identify the specific rule. If the SIP is not the basis for the term and condition, place an “N” in the column under “SIP.” If the basis for the term and condition is something other than the SIP, including 3745-31-05, NSPS or MACT, a “Y” should be noted in the “Other” column, and if not, an “N” should be noted. If the basis for the term and condition is “Other,” an explanation of the basis must be provided in the “Comments” section.

To complete the remainder of the table after “Basis,” except for the “Comments” section, simply specify a “Y” for yes or an “N” for no. For the “M”, “R”, “Rp” and “ET” columns, if “N” is specified, there should be a brief explanation in the “Comments” section as to why there are no comments. Also, if a “Y” is noted under “OR” or “Misc,” an explanation of the requirements should be provided in the “Comments” section. In addition to a general explanation of the “OR” and/or “Misc,” the following should be provided:

1. For an operational restriction, clarify if appropriate monitoring, recordkeeping, reporting requirements have been specified for the operational restriction and indicate whether or not CAM is currently applicable.
2. If a control plan and schedule is included in the “Miscellaneous Requirements” section of the permit, provide an explanation in the “Comments” section of the violation, basis for the violation, and the company’s proposed control plan and schedule.
3. If superseding language is included in the “Miscellaneous Requirements” section of the permit, explain which requirements are being superseded and which requirements are being superseded on the State-only side of the permit and why they are on the State-only side.

An explanation is not required if an “N” is noted in the “OR” column or in the “Misc” column.

- Any unusual requirements or aspects of the terms and conditions in Part III that are not self-explanatory should be explained in a paragraph following the table for Part III.