

CONSTRUCTION PERMIT SUMMARY REPORT

Company Name: BWI ETN, LLC dba Blue Water Industries-BWI Grasselli Quarry File Number: 42-0220 EPS Initials: TWK

Permit Number(s): 082074(982074) Source Point Number(s): 45-0220

Application Received (date): 4/19/2023 Application Complete (date): 4/19/2023

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)

This is a new source which include several portable crushers, conveyors, screens, and associated equipment to be used interchangeably at the site. Some of this equipment has been tested at other locations. Wet Suppression Systems are used for pollution control. This source is subject to federal regulations under the Standards of Performance (NSPS) for Nonmetallic Minerals Plants, 40 CFR Part 60, Subpart OOO. The Visible emission evaluation tests would be required to assure compliance with the applicable NSPS air quality standards.

RULES ANALYSIS

Title V ☐ Cond. Major ☐ Minor ☒ Source category listed in 1200-03-09-.01(4)(b)1.(i)? (PSD) 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 OOO	<input checked="" type="checkbox"/>	State Rule 1200-03-16-. *	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 60, 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 *	<input type="checkbox"/>	State Rule 1200-03-31-. *	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Other Applicable State Rules

TSP Emissions:	1200-03-07 -. 03(1)	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>	NO _x Emissions:	1200-03- * -. *	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>
SO ₂ Emissions:	1200-03- * -. *	<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- * -. *	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>	_____ Emissions:	1200-03- * -. *	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>

Visible Emissions from	Source	not to exceed	20 % opacity per Method	9	Rule 1200-03-05 -. 01(1)
Visible Emissions from	Roads/Parking	not to exceed	10 % opacity per Method	1	Rule 1200-03-08 - .03)
Visible Emissions from	Screens	not to exceed	7 % opacity per Method	9	NSPS Subpart OOO)
Visible Emissions from	Conveyors	not to exceed	7 % opacity per Method	9	NSPS Subpart OOO)
Visible Emissions from	New NSPS Crusher	not to exceed	12 % opacity per Method	9	NSPS Subpart OOO)

Comments: _____

BWI ETN, LLC – Blue Water Industries-BWI Grasselli Quarry

Emission Summary

Source Number: 01 through 12

Permit Number: 082074

Source Status: New ☒ Modification ☐ Expansion ☐ Relocation ☐

Permit Status: New ☒ Renewal ☐

PSD ☐ NSPS ☒ NESHAP ☐

Previous Permit Number: Construction _____ Operating _____

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard TAPCR 1200-03-
	Actual	Potential	Allowable	Actual	Potential	Allowable	Net Change			
PM Fugitive	9.69	46.01	46.01	4.84	23.01	23.01	N/A	1/4/2024	3	07-.03(1)

* Source of data: The permittee's application dated January 4, 2024

** Limit of maximum production per hour: 450 tons per hour, and 450,000 tons per year.

PERMITTING PROGRAM: TWK DATE: April 19, 2024