MARYLAND DEPARTMENT OF THE ENVIRONMENT

AIR AND RADIATION ADMINISTRATION
APPLICATION FOR A PERMIT TO CONSTRUCT

DOCKET #04-24

COMPANY: Allan Myers Materials MD, Inc.

LOCATION: Elk Mills Quarry

APPLICATION: One (1) 500 ton per hour portable crusher and screen powered by one (1) 400 horsepower diesel engine and one (1) 225 horsepower diesel engine.

ITEM	DESCRIPTION
1	Notice of Application and Opportunity to Request an Informational Meeting
2	Environmental Justice (EJ) Information - EJ Fact Sheet and MDE Score and Screening Report
3	Permit to Construct Application Form 5, Forms 5EP, Form 5T, emissions calculations, vendor specifications, and site map
4	Evidence of Zoning Approval

DEPARTMENT OF THE ENVIRONMENT
AIR AND RADIATION ADMINISTRATION

NOTICE OF APPLICATION AND
OPPORTUNITY TO REQUEST AN INFORMATIONAL MEETING

The Maryland Department of the Environment, Air and Radiation Administration (ARA) received a permit-to-construct application from Allan Myers Materials MD, Inc. – Elk Mills Quarry on March 1, 2024, for one (1) 500 ton per hour portable crusher and screen powered by one (1) 400 horsepower diesel engine and one (1) 225 horsepower diesel engine. The proposed installation will be located at 896 Elk Mills Road, Elk Mills, MD 21920.

In accordance with HB 1200/Ch. 588 of 2022, the applicant provided an environmental justice (EJ) Score for the census tract in which the project is located using the MDE EJ Screening Tool. The EJ Score, expressed as a statewide percentile, was shown to be 4.7 which the Department has verified. This score considers three demographic indicators, minority population above 50%, poverty rate above 25% and limited English proficiency above 15%, to identify underserved communities. Multiple environmental health indicators are used to identify overburdened communities.

Copies of the application, the MDE EJ Screening Tool Report (which includes the score), and other supporting documents are available for public inspection on the Department's website at https://mde.maryland.gov/programs/Permits/AirManagementPermits/Pages/index.aspx (click on Docket Number 04-24). Any applicant-provided information regarding a description of the environmental and socioeconomic indicators contributing to that EJ score can also be found at the listed website. Such information has not yet been reviewed by the Department. A review of the submitted information will be conducted when the Department undertakes its technical review of all documents included in the application.

Pursuant to the Environment Article, Section 1-603, Annotated Code of Maryland, the Department will hold an informational meeting to discuss the application and the permit review process if the Department receives a written request for a meeting within 10 working days from the date of the second publication of this notice. A requested informational meeting will be held virtually using teleconference or internet-based conferencing technology unless a specific request for an in-person informational meeting is received. All requests for an informational meeting should be directed to the attention of Ms. Shannon Heafey, Air Quality Permits Program by email to shannon.heafey@maryland.gov or by mail to the Air and Radiation Administration, 1800 Washington Boulevard, Baltimore, Maryland 21230.

Further information may be obtained by calling Ms. Shannon Heafey at 410-537-4433.

Christopher R. Hoagland, Director
Air and Radiation Administration

Maryland
Department of
the Environment

The Applicant's Guide to Environmental Justice and Permitting

What You Need to Know

This fact sheet is designed to provide guidance to applicants on incorporating environmental justice screening requirements pursuant to House Bill 1200, effective October 1, 2022.

What is Environmental Justice?

The concept behind the term environmental justice (EJ) is that regardless of race, color, national origin, or income, all Maryland residents and communities should have an equal opportunity to enjoy an enhanced quality of life. How to assess whether equal protection is being applied is the challenge.

Communities surrounded by a disproportionate number of polluting facilities puts residents at a higher risk for health problems from environmental exposures. It is important that residents who may be adversely affected by a proposed source be aware of the current environmental issues in their community in order to have meaningful involvement in the permitting process. Resources may be available from government and private entities to ensure that community health is not negatively impacted by a new source located in the community.

Extensive research has documented that health disparities exist between demographic groups in the United States, such as differences in mortality and morbidity associated with factors that include race/ethnicity, income, and educational attainment. House Bill 1200 adds to MDE's work incorporating diversity, equity and inclusion into our mission to help overburdened and underserved communities with environmental issues.

What is House Bill 1200 and what does it require?

Effective October 1, 2022, House Bill 1200 requires a person applying for a permit from the Department under §1-601 of the Environment Article of the Annotated Code of Maryland or any permit requiring public notice and participation to include in the application an EJ Score for the census tract where the applicant is seeking the permit; requiring the Department, on receiving a certain permit application to review the EJ Score; and requiring notices to include information related to EJ Scores and generally relating to environmental permits and environmental justice screenings.

What is a "Maryland EJ Tool"?

The term "Maryland EJ Tool" means a publicly available state mapping tool that allows users to: (1) explore layers of environmental justice concern; (2) determine an overall EJ score for census tracts in the state; and (3) view additional context layers relevant to an area. The MDE EJ Screening Tool is considered a Maryland EJ Tool.

What is an "EJ Score"?

The term "EJ Score" means an overall evaluation of an area's environment and environmental justice indicators, as defined by MDE in regulation, including: (1) pollution burden exposure; (2) pollution burden environmental effects; (3) sensitive populations; and (4) socioeconomic factors.

The MDE EJ Screening Tool considers three demographic indicators, minority population above 50%, poverty rate above 25% and limited English proficiency above 15%, to identify underserved communities, and multiple environmental health indicators to identify overburdened communities. The tool uses these indicators to calculate a

Final EJ Score Percentile, statewide. It is that score, linked to the census tract where the project is to be located, that needs to be reported to MDE as part of your permit application.

What does the application require?

The link for the MDE EJ Screening Tool is located on the Department's website, www.mde.maryland.gov. Click on the Environmental Justice header at the top of the Department's home page, then select EJ Screening Tool from the menu on the left. Click on Launch the EJ Screening Tool. After you open the tool, click okay on the opening screen. At the top right, please click the first button for the MDE Screening Report. Input the address of the proposed installation in the address bar. Click on the Report button. Once the report has been generated select the print icon and save it in a .pdf format.

The applicant needs to include the MDE Screening Report with the EJ Score from the MDE EJ Screening Tool as part of the permit application upon submission. An application will not be considered complete without the report.

The applicant is encouraged to provide the Department with a discussion about the environmental exposures in the community. This will provide pertinent information about how the applicant should proceed with engaging with the community. Residents of a community with a high indicator score and a high degree of environmental exposure should be afforded broader opportunities to participate in the permit process and understand the impacts a project seeking permit approval may have on them.

Questions

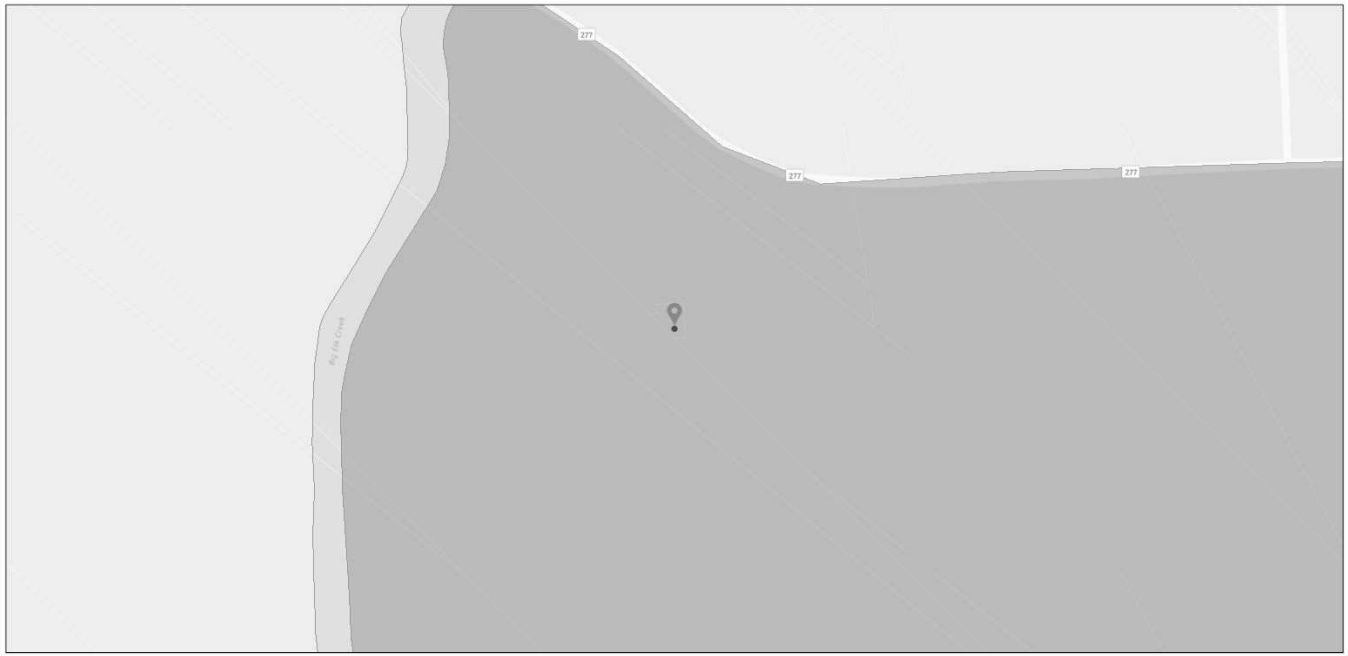
For air quality permits, please call 410-537-3230.
For water permits, please call 410-537-4145.
For land permits pertaining to Solid Waste, please call 410-537-3098. For land permits pertaining to Oil Control, please call 410-537-3483.
For land permits pertaining to Animal Feeding Operations, please call 410-537-4423.
For land permits pertaining to Biosolids, please call 410-537-3403.

MDE Screening Report

Area of Interest (AOI) Information

Area : 3.14 mi²

Dec 8 2023 15:17:16 Eastern Standard Time



MDE Final EJ Score (%ile score)

- 0% - 24.9th %ile
- 25% - 49.9th %ile
- 50% - 74.9th %ile
- 75% - 100th %ile

1:2,257

0 0.02 0.04 0.08 mi

0 0.03 0.07 0.13 km

MDE, OS, OIMT, Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

Summary

Name	Count	Area(mi²)	Length(mi)
MDE Final EJ Score (%ile score)	4	3.11	N/A
Overburdened Communities Combined Score	4	3.11	N/A
Overburdened Pollution Environmental Score (%ile score)	4	3.11	N/A
Overburdened Exposure Score (%ile score)	4	3.11	N/A
Overburdened Sensitive Population (%ile score)	4	3.11	N/A
Socioeconomic/Demographic Score 2020 (Percentile score) (Underserved Community)	4	3.11	N/A
Air Emissions Facilities	4	N/A	N/A
Sulfur Dioxide (2010)	0	0	N/A
Ozone (2015)	1	3.14	N/A
Fine Particles (2012)	1	3.14	N/A
Biosolids FY 2020 and Current Permit Details	0	N/A	N/A
Biosolids FY2010 - 2014 Permit Details	0	N/A	N/A
Biosolids FY2009 Expired Permit Details	0	N/A	N/A
Biosolids FY 2020 and Current Permits Distribution By Acreage	1	3.11	N/A
Biosolids FY2015 - 2019 Permits Distribution By Acreage	1	3.11	N/A
Biosolids FY2010 - 2014 Permits Distribution By Acreage	1	3.11	N/A
Biosolids FY2009 Permits Expired Distribution By Acreage	1	3.11	N/A
Biosolids FY 2020 and Current Permit Distribution By Percent Coverage	1	3.11	N/A
Biosolids FY2015 - 2019 Permit Distribution By Percent Coverage	1	3.11	N/A
Biosolids FY2010 - 2014 Permit Distribution By Percent Coverage	1	3.11	N/A
Biosolids FY2009 Expired Permit Distribution By Percent Coverage	1	3.11	N/A
Concentrated Animal Feeding Operations (CAFOs)	0	N/A	N/A

Composting Facilities	0	N/A	N/A
Food Scrap Acceptors	0	N/A	N/A
Landfills	0	N/A	N/A
Correctional Facilities	0	N/A	N/A
Industrial Food Suppliers	0	N/A	N/A
Residential Colleges	0	N/A	N/A
Non-Residential Colleges	0	N/A	N/A
Hospitals	0	N/A	N/A
High Schools	0	N/A	N/A
Grocery Stores	0	N/A	N/A
10 Miles from Landfill	2	6.28	N/A
10 Miles from Composting Facility	1	3.14	N/A
General Composting Facilities Tier 2 (MD)	0	N/A	N/A
Commercial Anaerobic Digester (MD)	0	N/A	N/A
Out of State Facilities	0	N/A	N/A
30 mile buffer (Maryland)	1	3.14	N/A
30 Mile Buffer (Out of State)	5	15.70	N/A
Land Restoration Facilities	0	N/A	N/A
Determinations (points)	0	N/A	N/A
Determinations (areas)	0	0	N/A
Entities	0	N/A	N/A
Active Coal Mine Sites	0	N/A	N/A
Historic Mine Facilities	0	N/A	N/A
All Permitted Solid Waste Acceptance Facilities	0	N/A	N/A
Municipal Solid Waste Acceptance Facilities	0	N/A	N/A
Maryland Dam Locations	0	N/A	N/A
Maryland Pond Locations	0	N/A	N/A
Surface Water Intakes	0	N/A	N/A
Wastewater Discharge Facilities	1	N/A	N/A
Drinking Water	0	N/A	N/A
Clean Water	0	N/A	N/A

MDE Final EJ Score (%ile score)

#	Census tract identifier	Geographic Area Name	Total Population	Final EJ Score Percent (for this tract)	Final EJ Score Percentile (Distribution across Maryland)	Area(mi²)
1	24015030501	Census Tract 305.01, Cecil County, Maryland	4538	18.92	4.72	1.00
2	24015030503	Census Tract 305.03, Cecil County, Maryland	5154	26.98	33.70	0.91
3	24015030601	Census Tract 306.01, Cecil County, Maryland	4304	14.13	0.68	0.75
4	24015030602	Census Tract 306.02, Cecil County, Maryland	5454	20.61	8.41	0.45

Overburdened Communities Combined Score

#	GEOID20	Geographic_Area_Name	TotalPop	Overburd_Exposure_Percent	Overburd_Exposure_Percentile	Overburd_Poll_Enviro_Percent	Overburd_Poll_Enviro_Percentile	Sensitive_Population_Percent
1	24015030501	Census Tract 305.01, Cecil County, Maryland	4,538	39.40	13.26	7.83	52.29	39.27
2	24015030503	Census Tract 305.03, Cecil County, Maryland	5,154	48.31	71.29	14.62	81.61	37.72
3	24015030601	Census Tract 306.01, Cecil County, Maryland	4,304	38.56	11.07	6.23	41.76	27.40
4	24015030602	Census Tract 306.02, Cecil County, Maryland	5,454	41.55	22.21	7.11	47.71	36.79

#	Sensitive_Population_Percentile	OverburdenedAllPercent	OverburdenedAllPercentile	Area(mi²)
1	10.80	7.52	15.86	1.00
2	9.57	30.14	73.68	0.91
3	2.32	0.96	4.78	0.75
4	8.95	4.58	23.03	0.45

Overburdened Pollution Environmental Score (%ile score)

#	GEOID20	Geographic_Area_Name	RentalsOccupiedPre79Percent	Percentile	PercentRMP	PercentRMPEJ	PercentHazWaste	PercentHazWasteEJ
1	24015030501	Census Tract 305.01, Cecil County, Maryland	5.75	27.96	5.20	7.90	10.28	11.33
2	24015030503	Census Tract 305.03, Cecil County, Maryland	13.23	63.29	24.41	35.14	16.33	33.85
3	24015030601	Census Tract 306.01, Cecil County, Maryland	6.55	32.60	2.86	3.52	4.98	5.55
4	24015030602	Census Tract 306.02, Cecil County, Maryland	8.39	46.07	17.02	27.98	15.75	28.94

#	PercentSuperFundNPL	PercentSuperFundNPLEJ	PercentHazWW	PercentHazWWEJ	BrownFPercent	Percentile_1	PercentPowerPlants	Percentile_12
1	33.41	14.97	15.87	9.92	0.00	0.00	0.00	0.00
2	43.17	40.96	16.86	25.79	8.44	100.00	9.09	95.42
3	35.70	9.17	5.95	2.98	0.00	0.00	0.00	0.00
4	11.96	30.26	10.91	14.88	0.00	0.00	0.00	0.00

#	PercentCAFOS	Percentile_12_13	PercentActiveMines	Percentile_12_13_14	PollutionEnvironmentalPercent	PollnEnvironmentalPercentile	Area(mi²)
1	0.00	0.00	0.00	0.00	7.83	52.29	1.00
2	0.00	0.00	0.00	0.00	14.62	81.61	0.91
3	0.00	0.00	0.00	0.00	6.23	41.76	0.76
4	0.00	0.00	0.00	0.00	7.11	47.71	0.45

Overburdened Exposure Score (%ile score)

#	GEOID20	Geographic_Area_Name	Total_Pop	PercentNATA_Cancer	Percentile_NATA_Cancer	PercentNATA_Resp_HI	Percentile_NATA_Resp_HI	PercentNATA_Diesel
1	24015030501	Census Tract 305.01, Cecil County, Maryland	4,538.00	40.00	5.00	60.00	8.31	23.82
2	24015030503	Census Tract 305.03, Cecil County, Maryland	5,154.00	60.00	33.71	60.00	22.28	26.80
3	24015030601	Census Tract 306.01, Cecil County, Maryland	4,304.00	40.00	3.03	60.00	5.04	17.84
4	24015030602	Census Tract 306.02, Cecil County, Maryland	5,454.00	60.00	29.16	60.00	19.27	20.25

#	Percentile_NATA_Diesel	PercentNATA_PM25	PercentileNATA_PM25	PercentOzone	PercentileOzone	PercentTraffic	PercentileTraffic	PercentTRI
1	8.18	91.58	8.96	93.07	10.42	1.45	5.55	5.26
2	24.52	90.66	22.61	93.27	28.39	3.10	21.89	52.63
3	3.50	92.63	5.75	92.69	6.22	0.04	0.37	5.26
4	15.62	93.31	23.22	92.47	23.38	1.09	11.07	5.26

#	PercentileTRI	PercentHazWasteLF	Percentile_HazWasteLF	PollutionExposurePercent	PollutionExposurePercentile	Area(mi²)
1	80.18	0.00	0.00	39.40	13.26	1.00
2	99.52	0.00	0.00	48.31	71.29	0.91
3	80.18	0.00	0.00	38.56	11.07	0.76
4	80.18	0.00	0.00	41.55	22.21	0.45

Overburdened Sensitive Population (%ile score)

#	GEOID20	Geographic_Area_Name	PerAstma	PercentileAst	PerMyo	PercentileMyo	PerLow	PercentileLow
1	24015030501	Census Tract 305.01, Cecil County, Maryland	0.20	0.89	0.20	0.89	68.20	78.95
2	24015030503	Census Tract 305.03, Cecil County, Maryland	0.20	1.09	0.20	1.09	68.80	84.83
3	24015030601	Census Tract 306.01, Cecil County, Maryland	0.70	1.64	0.70	1.57	16.60	17.91
4	24015030602	Census Tract 306.02, Cecil County, Maryland	0.20	1.16	0.20	1.16	50.70	72.93

#	PercentBroad	PercentileBroad	PercentSens	PercentileSens	Area(mi²)
1	10.42	52.22	19.76	33.24	1.00
2	18.32	93.30	21.88	45.08	0.91
3	8.39	44.50	6.60	16.40	0.76
4	3.94	28.78	13.76	26.01	0.45

Socioeconomic/Demographic Score 2020 (Percentile score) (Underserved Community)

#	Census tract identifier	Geographic Area Name	Total Population	Percent Poverty	Percent Minority	Percent Limited English Proficiency	Demographic Score (Percent for this tract)	Demographic Score (Percentile Distribution acoss Maryland)	Area(mi²)
1	24015030501	Census Tract 305.01, Cecil County, Maryland	4,538	19.79	5.69	0.58	8.68	12.75	1.00
2	24015030503	Census Tract 305.03, Cecil County, Maryland	5,154	42.91	25.36	1.06	23.11	50.79	0.91
3	24015030601	Census Tract 306.01, Cecil County, Maryland	4,304	9.94	5.51	0.00	5.15	2.81	0.75
4	24015030602	Census Tract 306.02, Cecil County, Maryland	5,454	22.83	36.21	1.02	20.02	44.69	0.45

Air Emissions Facilities

#	Agency Interest ID	Facilty Name	Agency Interest Alt Name	Premises ID	Emission Year	Air Code	NAIC Code	NAIC Description
1	4148	Allan Myers Materials-Elk Mills Quarry	Allan Myers Materials-Elk Mills Quarry-4148	015-0003	2021	SOP	212,311	Dimension Stone Mining and Quarrying
2	4328	W.L. Gore & Associates, Inc - Appleton South	W.L. Gore & Associates, Inc - Appleton South-4328	015-0085	2021	SOP	326,199	All Other Plastics Product Manufacturing
3	11881	W.L. Gore & Associates, Inc - Elk Mills V	W.L. Gore & Associates, Inc - Elk Mills V-11881	015-0151	2021	SOP	313,310	Textile and Fabric Finishing Mills
4	25664	Appalachian Tank Car Services, Inc.	Appalachian Tank Car Services, Inc.-25664	015-0074	2021	SM	336,510	Railroad Rolling Stock Manufacturing

#	Physical Address	Physical City	Physical State	Physical Zip Code	County	Carbon Monoxide (CO)	Nitrous Oxide	Particulate Matter (PT)
1	896 Elk Mills Rd	Elk Mills	MD	21,920	Cecil	1.62	7.50	149.53
2	100 Airport Rd, Bldg 1	Elkton	MD	21,921	Cecil	3.38	4.03	0.08
3	105 Vieve's Way	Elkton	MD	21,921	Cecil	20.71	25.04	0.48
4	702 Elk Mills Rd	Elk Mills	MD	21,920	Cecil	13.85	4.34	1.50

#	Particulate Matter (10 Filterable)	Particulate Matter (2.5 Filterable)	PM Condensables	Volatile Organic Compounds (VOC)	Sulphur Dioxide (SOx)	Carbon Dioxide	Mercury	Methane
1	53.51	7.49	0.00	0.61	0.00	279.42	0.00	0.01
2	0.08	0.08	0.23	1.53	0.02	4,832.86	0.00	0.09
3	0.48	0.48	1.40	7.36	0.18	29,436.02	0.00	0.58
4	1.43	1.43	0.34	24.54	0.03	7,780.82	0.00	0.12

#	Billable Criteria Pollutants (BCRI)	Billiable Hazardous Pollutants (BHAP)	Total Billable and Non-Bilable Hazardous Air Pollutant Emissions (HAPS)	Count
1	61.63	0.00	0.00	1
2	5.89	0.00	0.00	1
3	34.45	0.25	0.26	1
4	30.67	0.00	10.69	1

Ozone (2015)

#	STATEFP10	COUNTYFP10	COUNTYNS10	GEOID10	NAME10	Ozone NAA Area	8-Hr Ozone (2015) Designation	8-HR Ozone (2015) Classification	8-Hr Ozone (2015) Status	Area(mi²)
1	24	015	00596115	24015	Cecil	Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE	Nonattainment	Moderate	*No Data*	3.14

Fine Particles (2012)

#	STATEFP10	COUNTYFP10	COUNTYNS10	GEOID10	NAME10	PM2.5 (2012) Status	Area(mi²)
1	24	015	00596115	24015	Cecil	Attainment/Unclassifiable	3.14

Biosolids FY 2020 and Current Permits Distribution By Acreage

#	County Name	FY2020andAfter	Area(mi²)
1	Cecil	643.90	3.11

Biosolids FY2015 - 2019 Permits Distribution By Acreage

#	County Name	FY2015to2019	Area(mi²)
1	Cecil	1,666.50	3.11

Biosolids FY2010 - 2014 Permits Distribution By Acreage

#	County Name	FY2010to2014	Area(mi²)
1	Cecil	81.70	3.11

Biosolids FY2009 Permits Expired Distribution By Acreage

#	County Name	FY2009	Area(mi²)
1	Cecil	*No Data*	3.11

Biosolids FY 2020 and Current Permit Distribution By Percent Coverage

#	County Name	FY2020andAfter	Area(mi²)
1	Cecil	643.90	3.11

Biosolids FY2015 - 2019 Permit Distribution By Percent Coverage

#	County Name	FY2015to2019	Area(mi²)
1	Cecil	1,666.50	3.11

Biosolids FY2010 - 2014 Permit Distribution By Percent Coverage

#	County Name	FY2010to2014	Area(mi²)
1	Cecil	81.70	3.11

Biosolids FY2009 Expired Permit Distribution By Percent Coverage

#	County Name	FY2009	Area(mi²)
1	Cecil	*No Data*	3.11

10 Miles from Landfill

#	County	Type	Facility_N	ADDRESS	FILL	SITE__ACRE	AI_No_	Owner_Type
1	CECIL	WMF	Cecil Co. Central MunicipalLF	758 East Old Philadelphia Road, Elkton MD 21921.	40	418.00	19,069.00	CTY
2	CECIL	WMF	Cecil Co. Central MunicipalLF-HE	758 East Old Philadelphia Road, Elkton MD 21921.	40	418.00	19,069.00	CTY

#	MD_GRID__E	PERMITNUMB	EXPIRATION	Area(mi²)
1	1107 /644	2012-WMF-0532	11/12/2017, 7:00 PM	3.14
2	1107 /644	2008-WMF-0629	4/21/2019, 8:00 PM	3.14

10 Miles from Composting Facility

#	County	Facility	Address	Accepts_Fo	Location_o	Area(mi²)
1	*No Data*	Cecil County Central Landfill	758 E Old Philadelphia Rd, Elkton, MD 21921	No	758 E Old Philadelphia Rd, Elkton, MD 21921	3.14

30 mile buffer (Maryland)

#	Facility_Name_1	Facility_Contact_1	Contact_Phone	Contact_Email_1	Contact_2	Contact_2_Phone	Contact_2_Email	URL	Area(mi²)
1	Veteran Compost - Aberdeen	Justen Garrity	(443) 584-3478	info@veterancompost.com	*No Data*	*No Data*	*No Data*	https://www.veterancompost.com/	3.14

30 Mile Buffer (Out of State)

#	FacilityName	Contact	Area(mi²)
1	Longwood Gardens	https://files.dep.state.pa.us/Waste/Bureau%20of%20Waste%20Management/WasteMgtPortalFiles/PA_Permitted_Food_Waste_Composting_Facilities.pdf	3.14
2	Ar-Joy Farms	https://files.dep.state.pa.us/Waste/Bureau%20of%20Waste%20Management/WasteMgtPortalFiles/PA_Permitted_Food_Waste_Composting_Facilities.pdf	3.14
3	Linvilla Orchards Composting Site	https://files.dep.state.pa.us/Waste/Bureau%20of%20Waste%20Management/WasteMgtPortalFiles/PA_Permitted_Food_Waste_Composting_Facilities.pdf	3.14
4	Cliff Sensenig	https://files.dep.state.pa.us/Waste/Bureau%20of%20Waste%20Management/WasteMgtPortalFiles/PA_Permitted_Food_Waste_Composting_Facilities.pdf	3.14
5	S&A Kreider & Sons Farm, Inc.	https://files.dep.state.pa.us/Waste/Bureau%20of%20Waste%20Management/WasteMgtPortalFiles/PA_Permitted_Food_Waste_Composting_Facilities.pdf	3.14

Wastewater Discharge Facilities

#	AID	FAC_NAME	Comments	ValidateCo	GIS_Action	GIS_Comments	Corrective	ZipCodeCom
1	4,148	American Infrastructure-MD, Inc.-Elk Mills Quarry	*No Data*	Data Verified Accurate Against MD 8 Digit Watershed	*No Data*	*No Data*	*No Data*	*No Data*

#	CBSEG_92	BAY_TRIB	MD12DIG	County	MDMajorTrib	HUC	Tier2Catchments_yn	Tier2Catchments
1	ELKOH	02130606	021306060386	8	8	020600020203	1	Big Elk Creek 2

#	Tier3Catchments_yn	Tier3Catchments	SSPRA_yn	SSPRA	Impaired_yn	Impaired	WQA_yn	WQA
1	0	*No Data*	0	*No Data*	0	*No Data*	1	Biological

#	T3038Dig_yn	T3038Dig	TMDL8Dig_yn	TMDL8Dig	MHTArcheo_yn	MHTArcheo	Facility_Type	State_Num
1	0	*No Data*	0	*No Data*	0	*No Data*	*No Data*	*No Data*

#	WatershedYear	WatershedQuarter	WatershedCode	WatershedName	SimplePermittingAction	PermitAge	CycleYear	PreDraftComplete
1	*No Data*	*No Data*	*No Data*	*No Data*	*No Data*	*No Data*	*No Data*	*No Data*

#	DatePreDraftComplete	DraftPermitCompleteBy	IssueBy	AppFee	Bill	Amount	DSCHG_RATE	SW_AUTH_ROD
1	*No Data*	*No Data*	*No Data*	*No Data*	0	0.00	0.00	0

#	P2_OR_C_Bay_2000	District	SurWellName	SurWellSource	SurWellDist	CommWellName	CommWellSource	CommWellDist
1	0	35A	*No Data*	*No Data*	-99.00	*No Data*	*No Data*	-99.00

#	CommWellProtect	Active	Include	ManualActive	Count
1	0	1	1	0	1

ALLAN MYERS

February 2, 2024

Sarah Wells
MD Dept. of the Environment
Air and Radiation Management Administration
1800 Washington Blvd.
Baltimore, MD 21230

RE: Portable Crushing and Screening Plant Application
Allan Myers Materials MD, Inc. – Elk Mills Quarry

Dear Ms. Wells:

Please find enclosed an Application For Processing/Manufacturing Equipment for Allan Myers MD, Inc. (Myers) to operate a portable crusher and portable screener for crushing and sizing aggregate.

Included with the application are:

- Application For Processing/Manufacturing Equipment form;
- Form 5EP for the crusher exhaust stack;
- Form 5EP for the screen exhaust stack;
- Form 5EP for the crusher;
- Form 5EP for the screen;
- Form 5EP for the crusher conveyor;
- Form 5EP for the screen conveyors;
- Crystalline silica emissions worksheet;
- Form 5T Toxic Air Pollutant (TAP) Emissions Summary and Compliance Demonstration;
- Proof of liability insurance;
- Vendor literature; and
- Site map showing distance to closest property line.

If you have any questions or need additional information, please do not hesitate to call me at (610) 222-3182.

Sincerely,

David Schnackenberg

APPLICANT CHECKLIST AND

APPLICATION FOR PROCESSING/MANUFACTURING EQUIPMENT

ALLAN MYERS

AIR QUALITY PERMIT TO CONSTRUCT

APPLICATION CHECKLIST

OWNER OF EQUIPMENT/PROCESS	
COMPANY NAME:	Allan Myers Materials MD, Inc.
COMPANY ADDRESS:	638 Lancaster Avenue, Malvern, PA 19355
LOCATION OF EQUIPMENT/PROCESS	
PREMISES NAME:	Elk Mills Quarry
PREMISES ADDRESS:	896 Elk Mills Road, Elk Mills, MD 21920
CONTACT INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	David Schnackenberg
JOB TITLE:	Senior Environmental Manager
PHONE NUMBER:	610-222-3182
EMAIL ADDRESS:	david.schnackenberg@allanmyers.com
DESCRIPTION OF EQUIPMENT OR PROCESS	
Portable cone crusher and portable screen	

Application is hereby made to the Department of the Environment for a Permit to Construct for the following equipment or process as required by the State of Maryland Air Quality Regulation, COMAR 26.11.02.09.

Check each item that you have submitted as part of your application package.

- [x] Application package cover letter describing the proposed project
- [ ] Complete application forms (Note the number of forms included or NA if not applicable.)

  No. x Form 5
  No. x Form 5T
  No. x Form 5EP
  No. _____ Form 6
  No. _____ Form 10
  No. _____ Form 11
  No. _____ Form 41
  No. _____ Form 42
  No. _____ Form 44

- [ ] Vendor/manufacturer specifications/guarantees
- [x] Evidence of Workman's Compensation Insurance
- [ ] Process flow diagrams with emission points
- [x] Site plan including the location of the proposed source and property boundary
- [ ] Material balance data and all emissions calculations
- [ ] Material Safety Data Sheets (MSDS) or equivalent information for materials processed and manufactured.
- [ ] Certificate of Public Convenience and Necessity (CPCN) waiver documentation from the Public Service Commission (1)
- [ ] Documentation that the proposed installation complies with local zoning and land use requirements (2)
- [x] Environmental Justice (EJ) Score Report (2)

  The EJ Score is an overall evaluation of an area's environment and existing environmental justice indicators including pollution burden exposure, pollution burden environmental effects, sensitive populations, and socioeconomic factors. Provide the EJ Score results from the use of a Maryland EJ Tool for the census tract where an applicant is seeking a permit.

  The EJ Score can be generated using the MDE's EJ Screening Tool at:
  https://mdewin64.mde.state.md.us/EJ/
  Save the Screening Report utilized to develop the EJ Score and attach it to your application.

  Enter overall EJ Score here: 4

(1) Required for emergency and non-emergency generators installed on or after October 1, 2001 and rated at 2001 kW or more.

(2) Required for applications subject to Expanded Public Participation Requirements under Maryland Environment Article §1-601.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Blvd ▪ Baltimore, Maryland 21230
(410) 537-3230 ▪1-800-633-6101 ▪ www.mde.state.md.us

Air and Radiation Management Administration ▪ Air Quality Permits Program

APPLICATION FOR PROCESSING / MANUFACTURING EQUIPMENT

Permit to Construct ☒ Registration Update ☐ Initial Registration ☐

1A. Owner of Equipment/Company Name

Allan Myers Materials MD, Inc.

Mailing Address

638 Lancaster Avenue
Street Address

Malvern PA 19355
City State Zip

Telephone Number

(610) 222-3182

Signature

David Schrackenberg

David Schrackenberg Senior Environmental Manager 2-2-2024
Print Name and Title Date

DO NOT WRITE IN THIS BLOCK
2. REGISTRATION NUMBER

County No. (1-2) | Premises No. (3-6)
Registration Class (7) | Equipment No. (8-11)
Data Year (12-13) | Application Date

1B. Equipment Location and Telephone Number (if different from above)

896 Elk Mills Road
Street Number and Street Name

Elk Mills MD 21920 (410) 398-1430
City/Town State Zip Telephone Number

Elk Mills Quarry
Premises Name (if different from above)

3. Status (A= New, B= Modification to Existing Equipment, C= Existing Equipment)

Status (15)	New Construction Begun (MM/YY) (16-19)	New Construction Completed (MM/YY) (20-23)	Existing Initial Operation (MM/YY) (20-23)
A			

4. Describe this Equipment: Make, Model, Features, Manufacturer (include Maximum Hourly Input Rate, etc.)

Portable cone crusher and portable screen by Lippmann and McCloskey, 500TPH

5. Workmen's Compensation Coverage WA763D5100G7013 (Binder/Policy Number) 12-31-2024 (Expiration Date)

Company

NOTE: Before a Permit to Construct may be issued by the Department, the applicant must provide the Department with proof of worker's compensation coverage as required under Section 1-202 of the Worker's Compensation Act.

6A. Number of Pieces of Identical Equipment Units to be Registered/Permitted at this Time 1

6B. Number of Stack/Emission Points Associated with this Equipment 8

7. Person Installing this Equipment (if different from Number 1 on Page 1)

Name _____ Title _____

Company _____

Mailing Address/Street _____

City/Town _____ State _____ Telephone (_____) _____

8. Major Activity, Product or Service of Company at this Location

Aggregate production

9. Control Devices Associated with this Equipment

None [ ] 24-0

Simple/Multiple Cyclone	Spray/Adsorb Tower	Venturi Scrubber	Carbon Adsorber	Electrostatic Precipitator	Baghouse	Thermal/Catalytic Afterburner	Dry Scrubber
[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
24-1	24-2	24-3	24-4	24-5	24-6	24-7	24-8

Other

[X] Describe Wet Suppression

24-9

10. Annual Fuel Consumption for this Equipment

OIL-1000 GALLONS	SULFUR %	GRADE	NATURAL GAS-1000 FT^3	LP GAS-100 GALLONS	GRADE
26-31	32-33	34	35-41	42-45	

COAL- TONS	SULFUR %	ASH%	WOOD-TONS	MOISTURE %
46-52	53-55	56-58	59-63	64-65

OTHER FUELS _____ (Specify Type) [ ] 66-1 ANNUAL AMOUNT CONSUMED _____ (Specify Units of Measure)

OTHER FUEL _____ (Specify Type) [ ] 66-2 ANNUAL AMOUNT CONSUMED _____ (Specify Units of Measure)

1= Coke 2= COG 3=BFG 4=Other

11. Operating Schedule (for this Equipment)

Continuous Operation	Batch Process	Hours per Batch	Batch per Week	Hours per Day	Days Per Week	Days per Year
[X]	[ ]	[ ]	[ ]	10	5	50
67-1	67-2	68-69		70-71	72	73-75

Seasonal Variation in Operation:

No Variation	Winter Percent	Spring Percent	Summer Percent	Fall Percent	(Total Seasons= 100%)
[X]	[ ]	[ ]	[ ]	[ ]	
76	77-78	79-80	81-82	83-84	

12. Equivalent Stack Innformation- is Exhaust through Doors, Windows, etc. Only? (Y/N) N (85)

If not, then	Height Avove Ground (FT)	Inside Diameter at Top	Exit Temperature (°F)	Exit Velocity (FT/SEC)
	10 (86-88)	4 (89-91)	800 (92-95)	225 (96-98)

NOTE:
Attach a block diagram of process/process line, indicating new equipment as reported on this form and all existing equipment, including control devices and emission points.

13. Input Materials (for this equipment only)
Is any of this data to be considered confidential? N (Y or N)

	NAME	CAS NO. (IF APPLICABLE)	INPUT RATE PER HOUR	UNITS	PER YEAR	UNITS
1.	Aggregate		500	TPH	100,000	TPY
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
TOTAL						

14. Output Materials (for this equipment)
Process/Product Stream

	NAME	CAS NO. (IF APPLICABLE)	OUTPUT RATE PER HOUR	UNITS	PER YEAR	UNITS
1.	Aggregate		500	TPH	100,000	TPY
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
TOTAL						

15. Waste Streams- Solid and Liquid

	NAME	CAS NO. (IF APPLICABLE)	OUTPUT RATE PER HOUR	UNITS	PER YEAR	UNITS
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
TOTAL						

16. Total Stack Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter	Oxides of Sulfur	Oxides of Nitrogen
0.21	0.069	4.11
99-104	105-110	111-116

Carbon Monoxide	Volatile Organic Compounds	PM-10
35.9	1.95	0.21
177-122	123-128	129-134

17. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter	Oxides of Sulfur	Oxides of Nitrogen
13	NA	NA
135-139	140-144	145-149

Carbon Monoxide	Volatile Organic Compounds	PM-10
NA	NA	4.8
150-154	155-159	160-164

Method Used to Determine Emissions **(1= Estimate 2= Emission Factor 3= Stack Test 4= Other)**

TSP	SOX	NOX	CO	VOC	PM10
2	2	2	2	2	2
165	166	167	168	169	170

AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY

18. Date Rec'd. Local _____ **Date Rec'd. State** _____ **Return to Local Jurisdiction** Date_____ By_____

Reviewed by Local Jurisdiction Date_____ By_____ **Reviewed by State** Date_____ By_____

19. Inventory Date **Month/Year** (171-174) **Equipment Code** (175-177) **SCC Code** (178-185)

20. Annual Operating Rate (186-192) **Maximum Design Hourly Rate** (193-199) **Permit to Operate Month** (200-201) **Transaction Date (MM/DD/YR)** (202-207)

Staff Code (208-210) **VOC Code** (211 212) **SIP Code** (213 214) **Regulation Code** (215-218) **Confidentiality** (219)

Point Description (220-238)

Action (239) A: Add C: Change

FORM 5EP

Engine Emissions (Crusher and Screen)

Crusher and Screen Fugitive Emissions

Conveyor Emissions (Fugitive)

ALLAN MYERS

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Air and Radiation Management Administration • Air Quality Permits Program
1800 Washington Boulevard • Baltimore, Maryland 21230
(410)537-3225 • 1-800-633-6101• www.mde.maryland.gov

FORM 5EP: Emission Point Data

Complete one (1) Form 5EP for EACH emission point (stack or fugitive emissions) related to the proposed installation.

Applicant Name: Allan Myers Materials MD, Inc.

1. Emission Point Identification Name/Number

List the applicant assigned name/number for this emission point and use this value on the attached required plot plan:
Portable aggregate crusher engine emissions

2. Emission Point Description

Describe the emission point including all associated equipment and control devices:
Portable aggregate crusher engine emissions

3. Emissions Schedule for the Emission Point

Continuous or Intermittent (C/I)?	Continuous	**Seasonal Variation** Check box if none: ☒ Otherwise estimate seasonal variation:	
Minutes per hour:	60	Winter Percent	
Hours per day:	10	Spring Percent	
Days per week:	5	Summer Percent	
Weeks per year:	20	Fall Percent	

4. Emission Point Information

Height above ground (ft):	10	Length and width dimensions at top of rectangular stack (ft):	Length:	Width:	
Height above structures (ft):	2				
Exit temperature (°F):	800	Inside diameter at top of round stack (ft):		0.333	
Exit velocity (ft/min):	225	Distance from emission point to nearest property line (ft):			
Exhaust gas volumetric flow rate (acfm):	1178	Building dimensions if emission point is located on building (ft)	Height NA	Length	Width

5. Control Devices Associated with the Emission Point

Identify each control device associated with the emission point and indicate the number of devices. ***A Form 6 is also required for each control device***. If none check none:

☒ None

☐ Baghouse No. _____

☐ Cyclone No. _____

☐ Elec. Precipitator (ESP) No. _____

☐ Dust Suppression System No. _____

☐ Venturi Scrubber No. _____

☐ Spray Tower/Packed Bed No. _____

☐ Carbon Adsorber No. _____

- ☐ Cartridge/Canister
- ☐ Regenerative

☐ Thermal Oxidizer No. _____

- ☐ Regenerative

☐ Catalytic Oxidizer No. _____

☐ Nitrogen Oxides Reduction No. _____

- ☐ Selective ☐ Non-Selective
- ☐ Catalytic ☐ Non-Catalytic

☐ Other No. _____
Specify:

FORM 5EP: Emission Point Data

6. Estimated Emissions from the Emission Point

Criteria Pollutants	At Design Capacity (lb/hr)	At Projected Operations (lb/hr)	(lb/day)	(ton/yr)
Particulate Matter (filterable as PM10)	0.0131	0.0131	0.131	0.241
Particulate Matter (filterable as PM2.5)				
Particulate Matter (condensables)				
Volatile Organic Compounds (VOC)	0.1248	0.1248	1.248	0.0624
Oxides of Sulfur (SOx)	0.00460	0.00460	0.0460	0.0023
Oxides of Nitrogen (NOx)	0.2628	0.2628	2.628	0.1314
Carbon Monoxide (CO)	2.2994	2.2994	22.994	1.1497
Lead (Pb)				

Greenhouse Gases (GHG)	At Design Capacity (lb/hr)	At Projected Operations (lb/hr)	(lb/day)	(ton/yr)
Carbon Dioxide (CO_2)	402.5	402.5	4025	201
Methane (CH_4)				
Nitrous Oxide (N_2O)				
Hydrofluorocarbons (HFCs)				
Perfluorocarbons (PFCs)				
Sulfur Hexafluoride (SF6)				
Total GHG (as CO_2e)				

List individual federal Hazardous Air Pollutants (HAP) below:	At Design Capacity (lb/hr)	At Projected Operations (lb/hr)	(lb/day)	(ton/yr)
Aldehydes	0.1621	0.1621	1.621	0.0810

(Attach additional sheets as necessary.)

MARYLAND DEPARTMENT OF THE ENVIRONMENT
Air and Radiation Management Administration • Air Quality Permits Program
1800 Washington Boulevard • Baltimore, Maryland 21230
(410)537-3225 • 1-800-633-6101• www.mde.maryland.gov

FORM 5EP: Emission Point Data

Complete one (1) Form 5EP for EACH emission point (stack or fugitive emissions) related to the proposed installation.

Applicant Name: Allan Myers Materials MD, Inc.

1. Emission Point Identification Name/Number

List the applicant assigned name/number for this emission point and use this value on the attached required plot plan:
Portable aggregate screen engine emissions

2. Emission Point Description

Describe the emission point including all associated equipment and control devices:
Portable aggregate screen engine emissions

3. Emissions Schedule for the Emission Point

Continuous or Intermittent (C/I)?	Continuous	**Seasonal Variation** Check box if none: ☒ Otherwise estimate seasonal variation:	
Minutes per hour:	60	Winter Percent	
Hours per day:	10	Spring Percent	
Days per week:	5	Summer Percent	
Weeks per year:	20	Fall Percent	

4. Emission Point Information

Height above ground (ft):	10	Length and width dimensions at top of rectangular stack (ft):	Length:	Width:	
Height above structures (ft):	2				
Exit temperature (°F):	800	Inside diameter at top of round stack (ft):		0.333	
Exit velocity (ft/min):	225	Distance from emission point to nearest property line (ft):			
Exhaust gas volumetric flow rate (acfm):	1178	Building dimensions if emission point is located on building (ft)	Height NA	Length	Width

5. Control Devices Associated with the Emission Point

Identify each control device associated with the emission point and indicate the number of devices. ***A Form 6 is also required for each control device***. If none check none:

☒ None

☐ Baghouse No. _____

☐ Cyclone No. _____

☐ Elec. Precipitator (ESP) No. _____

☐ Dust Suppression System No. _____

☐ Venturi Scrubber No. _____

☐ Spray Tower/Packed Bed No. _____

☐ Carbon Adsorber No. _____

- ☐ Cartridge/Canister
- ☐ Regenerative

☐ Thermal Oxidizer No. _____

- ☐ Regenerative

☐ Catalytic Oxidizer No. _____

☐ Nitrogen Oxides Reduction No. _____

- ☐ Selective ☐ Non-Selective
- ☐ Catalytic ☐ Non-Catalytic

☐ Other No. _____
Specify:

FORM 5EP: Emission Point Data

6. Estimated Emissions from the Emission Point

Criteria Pollutants	At Design Capacity (lb/hr)	At Projected Operations (lb/hr)	At Projected Operations (lb/day)	At Projected Operations (ton/yr)
Particulate Matter (filterable as PM10)	0.0074	0.0074	0.074	0.41
Particulate Matter (filterable as PM2.5)				
Particulate Matter (condensables)				
Volatile Organic Compounds (VOC)	0.0703	0.0703	0.703	0.0351
Oxides of Sulfur (SOx)	0.00230	0.00230	0.0230	0.00115
Oxides of Nitrogen (NOx)	0.1480	0.1480	1.480	0.0740
Carbon Monoxide (CO)	1.29	1.29	12.9	0.648
Lead (Pb)				

Greenhouse Gases (GHG)	At Design Capacity (lb/hr)	At Projected Operations (lb/hr)	At Projected Operations (lb/day)	At Projected Operations (ton/yr)
Carbon Dioxide (CO_2)	259	259	2,590	129.5
Methane (CH_4)				
Nitrous Oxide (N_2O)				
Hydrofluorocarbons (HFCs)				
Perfluorocarbons (PFCs)				
Sulfur Hexafluoride (SF6)				
Total GHG (as CO_2e)				

List individual federal Hazardous Air Pollutants (HAP) below:	At Design Capacity (lb/hr)	At Projected Operations (lb/hr)	At Projected Operations (lb/day)	At Projected Operations (ton/yr)
Aldehydes	0.1042	0.1042	1.042	0.0521

(Attach additional sheets as necessary.)

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Air and Radiation Management Administration • Air Quality Permits Program
1800 Washington Boulevard • Baltimore, Maryland 21230
(410)537-3225 • 1-800-633-6101• www.mde.maryland.gov

FORM 5EP: Emission Point Data

Complete one (1) Form 5EP for EACH emission point (stack or fugitive emissions) related to the proposed installation.

Applicant Name: Allan Myers Materials MD, Inc.

1. Emission Point Identification Name/Number

List the applicant assigned name/number for this emission point and use this value on the attached required plot plan:
Portable aggregate crusher

2. Emission Point Description

Describe the emission point including all associated equipment and control devices:
Portable aggregate crusher particulate matter emissions from the crusher

3. Emissions Schedule for the Emission Point

Continuous or Intermittent (C/I)?	Continuous	**Seasonal Variation** Check box if none: ☒ Otherwise estimate seasonal variation:	
Minutes per hour:	60	Winter Percent	
Hours per day:	10	Spring Percent	
Days per week:	5	Summer Percent	
Weeks per year:	20	Fall Percent	

4. Emission Point Information

Height above ground (ft):		Length and width dimensions at top of rectangular stack (ft):	Length:	Width:	
Height above structures (ft):					
Exit temperature (°F):		Inside diameter at top of round stack (ft):			
Exit velocity (ft/min):		Distance from emission point to nearest property line (ft):			
Exhaust gas volumetric flow rate (acfm):		Building dimensions if emission point is located on building (ft)	Height	Length	Width

5. Control Devices Associated with the Emission Point

Identify each control device associated with the emission point and indicate the number of devices. ***A Form 6 is also required for each control device***. If none check none:

- ☐ None
- ☐ Baghouse No. _____
- ☐ Cyclone No. _____
- ☐ Elec. Precipitator (ESP) No. _____
- ☐ Dust Suppression System No. _____
- ☐ Venturi Scrubber No. _____
- ☐ Spray Tower/Packed Bed No. _____
- ☐ Carbon Adsorber No. _____
  - ☐ Cartridge/Canister
  - ☐ Regenerative
- ☐ Thermal Oxidizer No. _____
  - ☐ Regenerative
- ☐ Catalytic Oxidizer No. _____
- ☐ Nitrogen Oxides Reduction No. _____
  - ☐ Selective ☐ Non-Selective
  - ☐ Catalytic ☐ Non-Catalytic
- ☒ Other No. _____
  Specify: Wet suppression

FORM 5EP: Emission Point Data

6. Estimated Emissions from the Emission Point

Criteria Pollutants	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)
Particulate Matter (filterable as PM10)	0.27	0.189	1.89	0.0945
Particulate Matter (filterable as PM2.5)	0.05	0.035	0.35	0.0175
Particulate Matter (condensables)				
Volatile Organic Compounds (VOC)				
Oxides of Sulfur (SOx)				
Oxides of Nitrogen (NOx)				
Carbon Monoxide (CO)				
Lead (Pb)				

Greenhouse Gases (GHG)	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)
Carbon Dioxide (CO_2)				
Methane (CH_4)				
Nitrous Oxide (N_2O)				
Hydrofluorocarbons (HFCs)				
Perfluorocarbons (PFCs)				
Sulfur Hexafluoride (SF6)				
Total GHG (as CO_2e)				

List individual federal Hazardous Air Pollutants (HAP) below:	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)

(Attach additional sheets as necessary.)

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Air and Radiation Management Administration • Air Quality Permits Program
1800 Washington Boulevard • Baltimore, Maryland 21230
(410)537-3225 • 1-800-633-6101• www.mde.maryland.gov

FORM 5EP: Emission Point Data

Complete one (1) Form 5EP for EACH emission point (stack or fugitive emissions) related to the proposed installation.

Applicant Name: Allan Myers Materials MD, Inc.

1. Emission Point Identification Name/Number

List the applicant assigned name/number for this emission point and use this value on the attached required plot plan:
Portable aggregate screen

2. Emission Point Description

Describe the emission point including all associated equipment and control devices:
Portable aggregate screen particulate matter emissions from the screen

3. Emissions Schedule for the Emission Point

Continuous or Intermittent (C/I)?	Continuous	**Seasonal Variation** Check box if none: ☒ Otherwise estimate seasonal variation:	
Minutes per hour:	60	Winter Percent	
Hours per day:	10	Spring Percent	
Days per week:	5	Summer Percent	
Weeks per year:	20	Fall Percent	

4. Emission Point Information

Height above ground (ft):		Length and width dimensions at top of rectangular stack (ft):	Length:	Width:	
Height above structures (ft):					
Exit temperature (°F):		Inside diameter at top of round stack (ft):			
Exit velocity (ft/min):		Distance from emission point to nearest property line (ft):			
Exhaust gas volumetric flow rate (acfm):		Building dimensions if emission point is located on building (ft)	Height	Length	Width

5. Control Devices Associated with the Emission Point

Identify each control device associated with the emission point and indicate the number of devices. ***A Form 6 is also required for each control device***. If none check none:

☐ None

☐ Baghouse No. _____

☐ Cyclone No. _____

☐ Elec. Precipitator (ESP) No. _____

☐ Dust Suppression System No. _____

☐ Venturi Scrubber No. _____

☐ Spray Tower/Packed Bed No. _____

☐ Carbon Adsorber No. _____

- ☐ Cartridge/Canister
- ☐ Regenerative

☐ Thermal Oxidizer No. _____

- ☐ Regenerative

☐ Catalytic Oxidizer No. _____

☐ Nitrogen Oxides Reduction No. _____

- ☐ Selective ☐ Non-Selective
- ☐ Catalytic ☐ Non-Catalytic

☒ Other No. _____
Specify: Wet Suppression

FORM 5EP: Emission Point Data

6. Estimated Emissions from the Emission Point

Criteria Pollutants	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)
Particulate Matter (filterable as PM10)	0.37	0.259	2.59	0.1295
Particulate Matter (filterable as PM2.5)	0.025	0.0175	0.175	0.0088
Particulate Matter (condensables)				
Volatile Organic Compounds (VOC)				
Oxides of Sulfur (SOx)				
Oxides of Nitrogen (NOx)				
Carbon Monoxide (CO)				
Lead (Pb)				

Greenhouse Gases (GHG)	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)
Carbon Dioxide (CO_2)				
Methane (CH_4)				
Nitrous Oxide (N_2O)				
Hydrofluorocarbons (HFCs)				
Perfluorocarbons (PFCs)				
Sulfur Hexafluoride (SF6)				
Total GHG (as CO_2e)				

List individual federal Hazardous Air Pollutants (HAP) below:	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)

(Attach additional sheets as necessary.)

MARYLAND DEPARTMENT OF THE ENVIRONMENT
Air and Radiation Management Administration • Air Quality Permits Program
1800 Washington Boulevard • Baltimore, Maryland 21230
(410)537-3225 • 1-800-633-6101• www.mde.maryland.gov

FORM 5EP: Emission Point Data

Complete one (1) Form 5EP for EACH emission point (stack or fugitive emissions) related to the proposed installation.

Applicant Name: Allan Myers Materials MD, Inc.

1. Emission Point Identification Name/Number

List the applicant assigned name/number for this emission point and use this value on the attached required plot plan:
Portable aggregate crusher

2. Emission Point Description

Describe the emission point including all associated equipment and control devices:
Portable aggregate crusher particulate matter emissions from conveyor

3. Emissions Schedule for the Emission Point

Continuous or Intermittent (C/I)?	Continuous	**Seasonal Variation** Check box if none: ☒ Otherwise estimate seasonal variation:	
Minutes per hour:	60	Winter Percent	
Hours per day:	10	Spring Percent	
Days per week:	5	Summer Percent	
Weeks per year:	20	Fall Percent	

4. Emission Point Information

Height above ground (ft):		Length and width dimensions at top of rectangular stack (ft):	Length:	Width:	
Height above structures (ft):					
Exit temperature (°F):		Inside diameter at top of round stack (ft):			
Exit velocity (ft/min):		Distance from emission point to nearest property line (ft):			
Exhaust gas volumetric flow rate (acfm):		Building dimensions if emission point is located on building (ft)	Height	Length	Width

5. Control Devices Associated with the Emission Point

Identify each control device associated with the emission point and indicate the number of devices. ***A Form 6 is also required for each control device***. If none check none:

☒ None

☐ Baghouse No. _____

☐ Cyclone No. _____

☐ Elec. Precipitator (ESP) No. _____

☐ Dust Suppression System No. _____

☐ Venturi Scrubber No. _____

☐ Spray Tower/Packed Bed No. _____

☐ Carbon Adsorber No. _____

- ☐ Cartridge/Canister
- ☐ Regenerative

☐ Thermal Oxidizer No. _____

- ☐ Regenerative

☐ Catalytic Oxidizer No. _____

☐ Nitrogen Oxides Reduction No. _____

- ☐ Selective ☐ Non-Selective
- ☐ Catalytic ☐ Non-Catalytic

☒ Other No. _____
Specify: Wet suppression

FORM 5EP: Emission Point Data

6. Estimated Emissions from the Emission Point

Criteria Pollutants	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)
Particulate Matter (filterable as PM10)	0.023	0.0161	0.161	0.0081
Particulate Matter (filterable as PM2.5)	0.0065	0.00455	0.0455	0.0023
Particulate Matter (condensables)				
Volatile Organic Compounds (VOC)				
Oxides of Sulfur (SOx)				
Oxides of Nitrogen (NOx)				
Carbon Monoxide (CO)				
Lead (Pb)				

Greenhouse Gases (GHG)	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)
Carbon Dioxide (CO_2)				
Methane (CH_4)				
Nitrous Oxide (N_2O)				
Hydrofluorocarbons (HFCs)				
Perfluorocarbons (PFCs)				
Sulfur Hexafluoride (SF6)				
Total GHG (as CO_2e)				

List individual federal Hazardous Air Pollutants (HAP) below:	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)

(Attach additional sheets as necessary.)

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Air and Radiation Management Administration • Air Quality Permits Program
1800 Washington Boulevard • Baltimore, Maryland 21230
(410)537-3225 • 1-800-633-6101• www.mde.maryland.gov

FORM 5EP: Emission Point Data

Complete one (1) Form 5EP for EACH emission point (stack or fugitive emissions) related to the proposed installation.

Applicant Name: Allan Myers Materials MD, Inc.

1. Emission Point Identification Name/Number

List the applicant assigned name/number for this emission point and use this value on the attached required plot plan:
Portable aggregate screen

2. Emission Point Description

Describe the emission point including all associated equipment and control devices:
Portable aggregate screen particulate matter emissions from conveyors

3. Emissions Schedule for the Emission Point

Continuous or Intermittent (C/I)?	Continuous	**Seasonal Variation** Check box if none: ☒ Otherwise estimate seasonal variation:	
Minutes per hour:	60	Winter Percent	
Hours per day:	10	Spring Percent	
Days per week:	5	Summer Percent	
Weeks per year:	20	Fall Percent	

4. Emission Point Information

Height above ground (ft):		Length and width dimensions at top of rectangular stack (ft):	Length:	Width:	
Height above structures (ft):					
Exit temperature (°F):		Inside diameter at top of round stack (ft):			
Exit velocity (ft/min):		Distance from emission point to nearest property line (ft):			
Exhaust gas volumetric flow rate (acfm):		Building dimensions if emission point is located on building (ft)	Height	Length	Width

5. Control Devices Associated with the Emission Point

Identify each control device associated with the emission point and indicate the number of devices. ***A Form 6 is also required for each control device***. If none check none:

☒ None

☐ Baghouse No. _____

☐ Cyclone No. _____

☐ Elec. Precipitator (ESP) No. _____

☐ Dust Suppression System No. _____

☐ Venturi Scrubber No. _____

☐ Spray Tower/Packed Bed No. _____

☐ Carbon Adsorber No. _____

- ☐ Cartridge/Canister
- ☐ Regenerative

☐ Thermal Oxidizer No. _____

- ☐ Regenerative

☐ Catalytic Oxidizer No. _____

☐ Nitrogen Oxides Reduction No. _____

- ☐ Selective ☐ Non-Selective
- ☐ Catalytic ☐ Non-Catalytic

☒ Other No. _____
Specify: Wet Suppression

FORM 5EP: Emission Point Data

6. Estimated Emissions from the Emission Point

Criteria Pollutants	At Design Capacity (lb/hr)	At Projected Operations (lb/hr)	At Projected Operations (lb/day)	At Projected Operations (ton/yr)
Particulate Matter (filterable as PM10)	0.023	0.0161	0.161	0.0081
Particulate Matter (filterable as PM2.5)	0.0065	0.00455	0.0455	0.0023
Particulate Matter (condensables)				
Volatile Organic Compounds (VOC)				
Oxides of Sulfur (SOx)				
Oxides of Nitrogen (NOx)				
Carbon Monoxide (CO)				
Lead (Pb)				

Greenhouse Gases (GHG)	At Design Capacity (lb/hr)	At Projected Operations (lb/hr)	At Projected Operations (lb/day)	At Projected Operations (ton/yr)
Carbon Dioxide (CO_2)				
Methane (CH_4)				
Nitrous Oxide (N_2O)				
Hydrofluorocarbons (HFCs)				
Perfluorocarbons (PFCs)				
Sulfur Hexafluoride (SF6)				
Total GHG (as CO_2e)				

List individual federal Hazardous Air Pollutants (HAP) below:	At Design Capacity (lb/hr)	At Projected Operations (lb/hr)	At Projected Operations (lb/day)	At Projected Operations (ton/yr)

(Attach additional sheets as necessary.)

CRYSTALLINE SILICA EMISSIONS WORKSHEET AND FORM 5T

ALLAN MYERS

MARYLAND DEPARTMENT OF THE ENVIRONMENT
AIR AND RADIATION MANAGEMENT ADMINISTRATION
AIR QUALITY PERMITS PROGRAM

Procedures for Estimating PM-10 Emissions and Demonstrating Compliance with the Air Toxics Ambient Impact Requirement for Crystalline Silica Emissions from Crushing and Screening Operations

1. Table 1 lists emission factors for different activities in a typical crushing and screening plant.

Table 1: PM_{10} Emission Factors

Equipment	Emission Factor [(a)] (lb PM-10/ton)	Number of Pieces of Equipment	Total Emission Factor (lb PM-10/ton)
Crusher with wet suppression (WS)	0.00054	1	0.00054
Screen with WS	0.00074	1	0.00074
Conveyor Transfer Points with WS	4.6×10^{-5} (0.000046)	4	0.000184
Truck Unloading	1.6×10^{-5} (0.000016)	---------	1.6×10^{-5}
Truck Loading	0.0001	---------	0.0001
Storage Piles	0.0016	---------	0.0016
TOTAL EMISSION FACTOR (TEF):	---------	---------	0.00318

(a) From AP-42, Table 11.19.2-2 and Equation 1 of Section 13.2.4-4 (Assuming moisture content of 2.1%, a mean wind speed of 6.9 miles per hour, and a particle size multiplier of 0.35 for particles less than 10 μm in diameter)

2. Complete Table 1 by entering the number of pieces of each type of equipment in column 3 (ex. If plant has two crushers, enter 2 in column 3 for the number of crushers). For truck loading and unloading and storage piles, the emission factors are based on throughput and not based on the number of trucks or piles.
3. Calculate the total emission factor (column 4) for each type of equipment by multiplying the number in column 2 by the number in column 3.
4. Find the total emission factor for the plant by adding the values in column 4. You can multiply this total emission factor by the throughput to determine total PM-10 emissions.
5. For respirable crystalline silica emissions (which is a fraction of respirable PM-10 emissions), use the following formula to calculate the emissions to meet the requirement of COMAR 26.11.15.04 to quantify emissions:

Total Respirable Crystalline Silica Emissions (lbs/hr) = 0.01 (CS x (TEF x TPH))

Where:

0.01 = Percent of PM-10 emissions that is respirable, expressed as a decimal
CS = Percent by weight of total crystalline silica in material expressed as a decimal (ex. 1% = 0.01)
TEF =Total emission factor in pounds of PM-10 per ton (from Table 1)
TPH =Projected production of the plant in tons per hour

6. The minimum control strategy considered to meet the best available control technology requirement for toxic air pollutant emissions under COMAR 26.11.15.05 (T-BACT requirement), is the use of wet suppression systems to control fugitive emissions from plant operations. Other control strategies include the use of capture systems such as a baghouse or a combination of capture and wet suppression techniques.

7. Respirable crystalline silica has an eight-hour toxic air pollutant screening level of 0.25 $\mu g/m^3$. To demonstrate compliance with the toxic air pollutant ambient impact requirement of COMAR 26.11.15.06, emissions of crystalline silica cannot cause an impact that exceeds the screening level, or 0.001 pounds of crystalline silica per hour.

   For a crushing and screening plant equipped with one (1) crusher, one (1) screen, and one (1) conveyor, Table 2 lists the maximum plant capacity allowed that demonstrates compliance with COMAR 26.11.15.06 at varying levels of crystalline silica content in the material processed.

Table 2: Maximum Plant Throughputs Allowed That Demonstrate Compliance with COMAR 26.11.15.06

Crystalline Silica Content (%)	1	2	5	10	20
Plant Capacity, Tons/hr	3,330	1,660	660	330	160

8. The content of crystalline silica in recycled asphalt pavement (RAP) material is about 1%. (Source: http://www.lafarge-na.com/MSDS_North_America_English_-_RAP.pdf) Therefore, a typical RAP crushing and screening plant equipped with wet suppression systems demonstrates compliance with the requirements of COMAR 26.11.15.05 and COMAR 26.11.15.06.

9. Crystalline silica content of other materials processed in crushing and screening plants can be found on Material Safety Data Sheets (MSDS) or other specification sheets for those materials. If a range of content is provided, the average of the range may be used for the compliance demonstration.

10. If estimated emissions of crystalline silica from projected crushing and screening operations exceed 0.001 pounds per hour, advanced computer screening or dispersion models may be used to demonstrate compliance with the toxic air pollutant screening level.

MARYLAND DEPARTMENT OF THE ENVIRONMENT
Air and Radiation Management Administration • Air Quality Permits Program
1800 Washington Boulevard • Baltimore, Maryland 21230
(410)537-3225 • 1-800-633-6101• www.mde.maryland.gov

FORM 5T: Toxic Air Pollutant (TAP) Emissions Summary and Compliance Demonstration

Applicant Name: Allan Myers Materials MD, Inc.

Step 1: Quantify premises-wide emissions of Toxic Air Pollutants (TAP) from new and existing installations in accordance with COMAR 26.11.15.04. Attach supporting documentation as necessary.

Toxic Air Pollutant (TAP)	CAS Number	Class I or Class II?	Screening Levels (µg/m³)			Estimated Premises Wide Emissions of TAP			
						Actual Total Existing TAP Emissions	Projected TAP Emissions from Proposed Installation	Premises Wide Total TAP Emissions	
			1-hour	8-hour	Annual	(lb/hr)	(lb/hr)	(lb/hr)	(lb/yr)
ex. ethanol	*64175*	*II*	*18843*	*3769*	*N/A*	*0.60*	*0.15*	*0.75*	*1500*
ex. benzene	*71432*	*I*	*80*	*16*	*0.13*	*0.5*	*0.75*	*1.00*	*400*
Crystalline Silica	14808-60-7	I		0.25			0.0009065		

(attach additional sheets as necessary.)

Note: Screening levels can be obtained from the Department's website (http://www.mde.maryland.gov) or by calling the Department.

Step 2: Determine which TAPs are exempt from further review. A TAP that meets either of the following Class I or Class II small quantity emitter exemptions is exempt from further TAP compliance demonstration requirements under Step 3 and Step 4.

Class II TAP Small Quantity Emitter Exemption Requirements (COMAR 26.11.15.03B(3)(a))
A Class II TAP is exempt from Step 3 and Step 4 if the Class II TAP meets the following requirements: Premises wide emissions of the TAP shall not exceed 0.5 pounds per hour, and any applicable 1-hour or 8-hour screening level for the TAP must be greater than 200 µg/m³.

Class I TAP Small Quantity Emitter Exemption Requirements (COMAR 26.11.15.03B(3)(b))
A Class I TAP is exempt from Step 3 and Step 4 if the Class I TAP meets the following requirements: Premises wide emissions of the TAP shall not exceed 0.5 pounds per hour and 350 pounds per year, any applicable 1-hour or 8-hour screening level for the TAP must be greater than 200 µg/m³, and any applicable annual screening level for the TAP must be greater than 1 µg/m³.

If a TAP meets either the Class I or Class II TAP Small Quantity Emitter Exemption Requirements, no further review under Step 3 and Step 4 are required for that specific TAP.

FORM 5T: Toxic Air Pollutant (TAP) Emissions Summary and Compliance Demonstration

Step 3: Best Available Control Technology for Toxics Requirement (T-BACT, COMAR 26.11.15.05)
In the following table, list all TAP emission reduction options considered when determining T-BACT for the proposed installation. The options should be listed in order beginning with the most effective control strategy to the least effective strategy. Attach supporting documentation as necessary.

Target Pollutants	Emission Control Option	% Emission Reduction	Costs		T-BACT Option Selected? (yes/no)
			Capital	Annual Operating	
ex. ethanol and benzene	*Thermal Oxidizer*	*99*	*$50,000*	*$100,000*	*no*
ex. ethanol and benzene	*Low VOC materials*	*80*	*0*	*$100.000*	*yes*
Crystalline Silica	Wet suppression		N/A	Minimal	Yes

(attach additional sheets as necessary)

Step 4: Demonstrating Compliance with the Ambient Impact Requirement (COMAR 26.11.15.06)
Each TAP not exempt in Step 2 must be individually evaluated to determine that the emissions of the TAP will not adversely impact public health. The evaluation consists of a series of increasingly non-conservative (and increasingly rigorous) tests. Once a TAP passes a test in the evaluation, no further analysis is required for that TAP. "Demonstrating Compliance with the Ambient Impact Requirement under the Toxic Air Pollutant (TAP) Regulations (COMAR 26.11.15.06)" provides guidance on conducting the evaluation. Summarize your results in the following table. Attach supporting documentation as necessary.

Toxic Air Pollutant (TAP)	CAS Number	Screening Levels ($\mu g/m^3$)			Premises Wide Total TAP Emissions		Allowable Emissions Rate (AER) per COMAR 26.11.16.02A		Off-site Concentrations per Screening Analysis ($\mu g/m^3$)			Compliance Method Used?
		1-hour	8-hour	Annual	(lb/hr)	(lb/yr)	(lb/hr)	(lb/yr)	1-hour	8-hour	Annual	AER or Screen
ex. ethanol	*64175*	*18843*	*3769*	*N/A*	*0.75*	*1500*	*0.89*	*N/A*	*N/A*	*N/A*	*N/A*	*AER*
ex. benzene	*71432*	*80*	*16*	*0.13*	*1.00*	*400*	*0.04*	*36.52*	*1.5*	*1.05*	*0.12*	*Screen*
Crystalline Silica	14808-60-7		0.25		9.1E-4	0.907		166.44				

(attach additional sheets as necessary)

If compliance with the ambient impact requirement cannot be met using the allowable emissions rate method or the screening analysis method, refined dispersion modeling techniques may be required. Please consult with the Department's Air Quality Permit Program prior to conducting dispersion modeling methods to demonstrate compliance.

PROOF OF LIABILITY INSURANCE

ALLAN MYERS

EOC

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 12/22/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Graham Company,
a Marsh & McLennan Agency, LLC company
One Penn Square West
Philadelphia, PA 19102
www.grahamco.com

CONTACT NAME: Jim Bonner/Edna Reitz
PHONE (A/C, No, Ext): 215-701-5372 **FAX (A/C, No):** 215-525-0234
E-MAIL ADDRESS: Bonner_Unit@grahamco.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Liberty Mutual Fire Insurance Company	23035
INSURER B : XL Specialty Insurance Company	37885
INSURER C : Liberty Insurance Corporation	42404
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
Allan Myers MD, Inc.
2011 Belair Road
Fallston MD 21047

COVERAGES **CERTIFICATE NUMBER:** 77883552 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	✓ COMMERCIAL GENERAL LIABILITY			TB2631510067023	12/31/2023	12/31/2024	EACH OCCURRENCE	$2,000,000
	☐ CLAIMS-MADE ✓ OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$300,000
							MED EXP (Any one person)	$10,000
							PERSONAL & ADV INJURY	$2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$4,000,000
	☐ POLICY ✓ PRO-JECT ☐ LOC						PRODUCTS - COMP/OP AGG	$4,000,000
	OTHER:							$
A	AUTOMOBILE LIABILITY			AS2631510067033	12/31/2023	12/31/2024	COMBINED SINGLE LIMIT (Ea accident)	$2,000,000
	✓ ANY AUTO						BODILY INJURY (Per person)	$
	☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
B	✓ UMBRELLA LIAB ✓ OCCUR			US00097161LI23A	12/31/2023	12/31/2024	EACH OCCURRENCE	$10,000,000
	☐ EXCESS LIAB ☐ CLAIMS-MADE						AGGREGATE	$10,000,000
	☐ DED ☐ RETENTION $							$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N			WA763D510067013	12/31/2023	12/31/2024	✓ PER STATUTE ☐ OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? N (Mandatory in NH)	N/A					E.L. EACH ACCIDENT	$1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$1,000,000
							E.L. DISEASE - POLICY LIMIT	$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Evidence of Coverage

CERTIFICATE HOLDER

EVIDENCE OF COVERAGE STD

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
Kenneth L Ewell
Ken Ewell

VENDOR LITERATURE

ALLAN MYERS

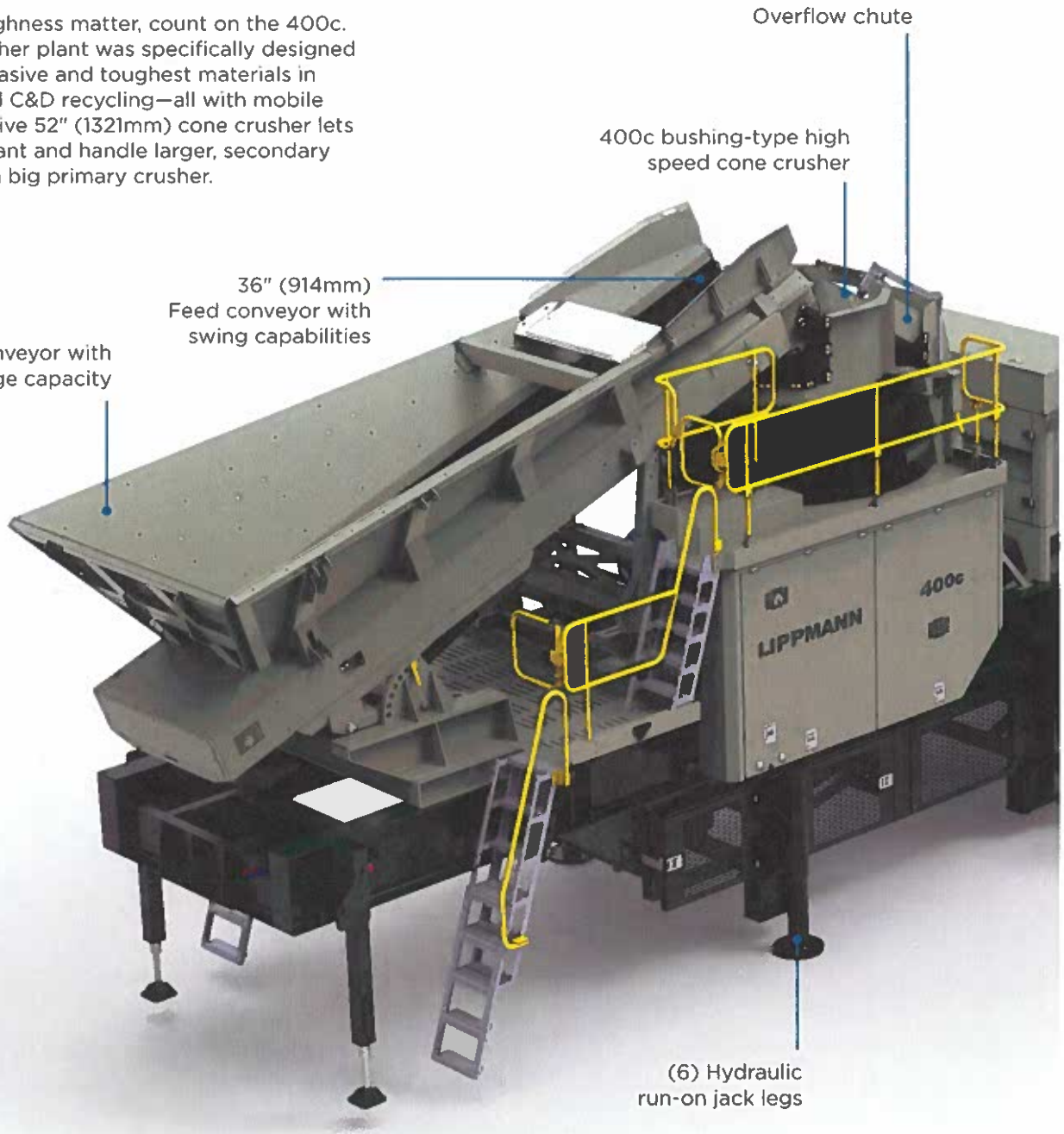
PORTABLE CONE CRUSHER PLANT

THE **400c** TACKLES THE MOST ABRASIVE ENVIRONMENTS.

LIPPMANN

Portable Cone Crusher Plant
400c

When mobility and toughness matter, count on the 400c. This portable cone crusher plant was specifically designed to take on the most abrasive and toughest materials in aggregates, mining, and C&D recycling—all with mobile capabilities. An impressive 52" (1321mm) cone crusher lets you directly feed the plant and handle larger, secondary rock it might see from a big primary crusher.



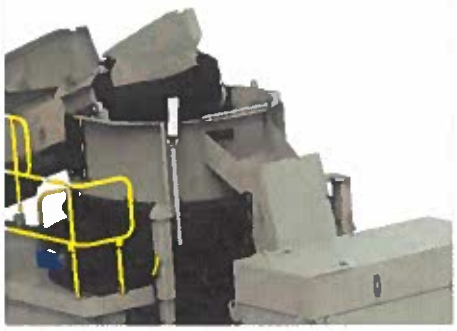
CONE STANDARD FEATURES

- 400 Hp 1200 RPM (298kW 20Hz)
- Bushing-type cone with superior speed throw and cavity design
- Multiple liner configurations
- 4 axle carrier
- Large walkways for easy access to crusher and auxiliary items
- 42" (1067mm) Rear discharge conveyor

ADDITIONAL OPTIONS

- Overflow chute
- NEMA 12-motor control center
- (4) Leveling hydraulic jacks - 70,000 lbs (31,752kgs)
- (6) Run-on jack legs

Hydraulically removable electric cabinet reduces vibration to components.



Overflow chute prevents spillage, keeping product moving, and maintaining a clean site.

Hydraulic height adjustment on discharge conveyor.

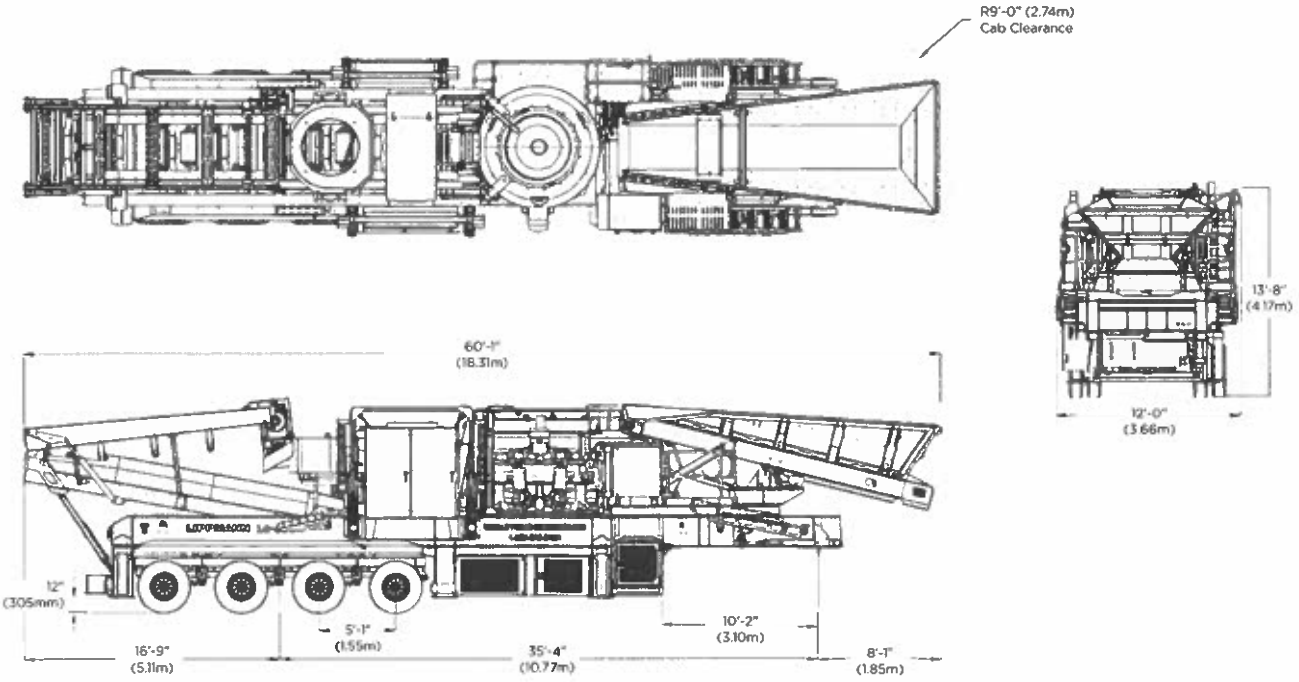
400c CONE PLANT TECHNICAL SPECIFICATIONS

TRANSPORTATION						
	AXLE		KING PIN		TOTAL	
	LBS	KGS	LBS	KGS	LBS	KGS
With Long Conveyor, Feeder, Hydraulic Panels	73,834	33,491	57,295	25,989	131,128	59,479
Short Conveyor	-2,587	-1,173	+231	+105	-2,355	-1,068
Manual Panels	-1,844	-836	-573	-260	-2,416	-1,096
No Electrical Panel	-956	-434	-294	-133	-1,250	-567

Complete for Transport: Remove/move feed in box, lower feed in box stays, lower feed in box overflow chute, lower top walkway handrails

SPECIFICATIONS		
	US	METRIC
Crusher	400c	400c
Head Diameter	52"	1321mm
Hydraulic Capacity	39.6 gal	150L
Lube Oil Capacity	132 gal	500L
Discharge Conveyor	42" x 38'	1067mm x 12m
Conveyor Discharge Height	11'-8"	3.56m

HORSEPOWER		
	HP	KW
Crusher	400	298
Hydraulic Power Unit	10	7.46
Lube Unit	10	7.46
Air Oil Cooler	7.5	5.59
Heaters	5.36	4
Rear Discharge Conveyor	20	15



LIPPMANN

3271 East Van Norman Avenue
Cudahy, WI 53110

Lippmann-Milwaukee.com

800-648-0486

AUTHORIZED DISTRIBUTOR

S250

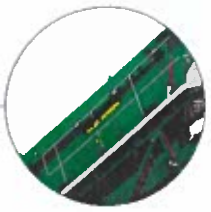
HIGH PRODUCTION SCREENER

The new McCloskey S250 Screener rises above all industry standards, positioned as one of the world's largest track mobile screener. The 22 x 6 heavy duty high energy 2 bearing 3 deck screenbox delivers more true screening area, and the 225 Hp CAT engine or 218 Hp Volvo engine deliver all the power needed for maximum production.

Available in double or triple deck models, the S250 features 900mm (36") wide side conveyors and 800mm (32") wide auxiliary conveyors for higher material flow. The auxiliary conveyor also features rollers on the S250, rather than sliding plastic and solid frame, offering less friction.

This class leading screening area, along with its high energy screening action, ensure that the McCloskey S250 is the superior choice for aggregate material screening.

SCREENBOX
The most portable 22x6 (6710mm x 1830mm) vibratory screening plant in production.



HOPPER
Up to 10m³ (13.1 yd³) high capacity hopper with generous grid opening allows the use of larger loading shovels.

48" MAIN CONVEYOR
48" (1200mm) feed conveyor enables high capacity screening.

SOLE CONTROL
All conveyors are now individually controlled for material flow speed and rollback.

LINKAGE SYSTEM
Hydraulic Screenbox linkage system, allows greate accessibility for screen change and enables optimum screen coverage at varying screenbox angles.

SPECIFICATIONS

Transport Height	3.6m (11' 10")
Transport Length	19.55m (64' 1.5") 15' Hopper 18.63m (61' 1.5") 12' Hopper
Transport Width	3.66m (12')
Weight (estimated)	40,000 kgs (88,200 lbs)
Stockpile Height - Tail Conveyor	4992mm (16' - 4.5")
- Side Conveyor	5398mm (17' - 8.5")
Screenbox Dimensions	6710mm x 1830mm (22' x 6')

SITE MAP

ALLAN MYERS

Allan Myers Materials MD, Inc.
Elk Mills Quarry

N

Office of the County Executive

Danielle Hornberger
County Executive

Steve Overbay
Director of Administration

Office: 410.996.5202
Fax: 800.863.0947

Department of Land Use & Development Services

Stephen O'Connor, AICP, Director
Office: 410.996.5220
Fax: 800.430.3829

Aaron Harding, Chief / Zoning Administrator
410.996.5220
800.430.3829

County Information
410.996.5200
410.658.4041

CECIL COUNTY, MARYLAND

Division of Planning and Zoning
200 Chesapeake Boulevard, Elkton, MD 21921

Sent Via OpenGov

February 28, 2024

American Infrastructure-MD, Inc.
638 Lancaster Ave.
Malvern, PA

Re: 896 Elk Mills Road, Elkton, MD 21921; Map 21 Parcel 104

Mr. Schnackenberg,

The Department of Land Use and Development Services' Division of Planning and Zoning has received your request for zoning verification. Specifically, to determine if an asphalt plant (12.08.000) is a permissible use for the property referenced above. The property referenced above is located in the Heavy Industrial (M2) zoning district.

The permissible uses associated with the M2 zoning district are detailed in Cecil County Zoning Ordinance Section 54.4 Table of Permissible Uses. Asphalt Plant (12.08.000) is permitted with conditions[1] within the M2 zoning district. All structures must be consistent with the most recently approved Major Site Plan.

If you are aggrieved by this decision, you have fifteen (15) days from the receipt of this letter to file an appeal with the Cecil County Board of Appeals, 200 Chesapeake Boulevard, Suite 1111, Elkton, Maryland 21921. The cost for applying is $250. Should you have any questions, please contact the Division of Planning and Zoning at 410-996-5220.

Very Sincerely,

Aaron Harding

Aaron Harding, CFM
Chief of Planning and Zoning/Zoning Administrator
Department of Land Use and Development Services
410.996.5220

Cc: CS-24-195

[1] Section 146. Concrete and Asphalt Plant (12.08.000)
Concrete and asphalt batching plants shall be permitted in the M2 and MEA zone, provided:
1. Operation structures shall not be erected and storage of materials shall not take place within two hundred (200) feet of any property line or one hundred (100) feet of the right-of-way of any road.
2. The setback from property line shall not apply if the adjoining lot is being used for heavy industry or mineral extraction.
3. A bufferyard meeting the E standard in Appendix B shall be provided between the operation structures and any right-of-way of any road.
4. If this use is to be located in the Resource Conservation Area (RCA) of the Cecil County Chesapeake Bay Critical Area the applicant must apply for, and receive, Growth Allocation as described in Article XI, Part I of this Ordinance prior to any approvals.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

AIR AND RADIATION ADMINISTRATION
APPLICATION FOR A PERMIT TO CONSTRUCT

SUPPLEMENT TO
DOCKET #04-24

COMPANY: Allan Myers Materials MD, Inc.

LOCATION: Elk Mills Quarry

APPLICATION: One (1) 500 ton per hour portable crusher and screen powered by one (1) 400 horsepower diesel engine and one (1) 225 horsepower diesel engine.

ITEM	DESCRIPTION
1	Notice of Tentative Determination, Opportunity to Request a Public Hearing, and Opportunity to Submit Written Comments
2	Fact Sheet and Tentative Determination
3	Draft Permit to Construct and Conditions
4	Supplemental Information
5	Privilege Log – Not Applicable

MARYLAND DEPARTMENT OF THE ENVIRONMENT
AIR AND RADIATION ADMINISTRATION

NOTICE OF TENTATIVE DETERMINATION, OPPORTUNITY TO REQUEST A PUBLIC HEARING, AND OPPORTUNITY TO SUBMIT WRITTEN COMMENTS

FIRST NOTICE

The Department of the Environment, Air and Radiation Administration (ARA) has completed its review of an application for a Permit to Construct submitted by Allan Myers Materials MD, Inc. – Elk Mills Quarry on March 1, 2024, for one (1) 500 ton per hour portable crusher and screen powered by one (1) 400 horsepower diesel engine and one (1) 225 horsepower diesel engine. The proposed installation will be located at 896 Elk Mills Road, Elk Mills, MD 21920.

Pursuant to Section 1-604, of the Environment Article, Annotated Code of Maryland, the Department has made a tentative determination that the Permit to Construct can be issued and is now ready to receive public comment on the application. Copies of the Department's tentative determination, the application, the draft permit to construct with conditions, and other supporting documents are available for public inspection on the Department's website. Look for Docket #04-24 at the following link:

https://mde.maryland.gov/programs/Permits/AirManagementPermits/Pages/index.aspx

In accordance with HB 1200/Ch. 588 of 2022, the applicant provided an environmental justice (EJ) Score for the census tract in which the project is located using the Maryland EJ Screening Tool. The EJ Score, expressed as a statewide percentile, was shown to be 4.7, which the Department has verified. This score considers three demographic indicators, minority population above 50%, poverty rate above 25% and limited English proficiency above 15%, to identify underserved communities, and multiple environmental health indicators to identify overburdened communities. The Department's review of the environmental and socioeconomic indicators contributing to that EJ score is included in the tentative determination that is available for public inspection.

Interested persons may request a public hearing and/or submit written comments on the tentative determination. Requests for a public hearing must be submitted in writing and must be received by the Department no later than 20 days from the date of this notice. A requested public hearing will be held virtually using teleconference or internet-based conferencing technology unless a specific request for an in-person public hearing is received. Written comments must be received by the Department no later than 30 days from the date of this notice.

Interested persons may request an extension to the public comment period. The extension request must be submitted in writing and must be received by the Department no later than 30 days from the date of this notice or within 5 days after the hearing (if a hearing is requested), whichever is later. The public comment period may only be extended one time for a 60-day period.

All requests for a public hearing, requests for an extension to the public comment period, and all written comments should be directed to the attention of Ms. Shannon Heafey, Air Quality Permits Program by email to shannon.heafey@maryland.gov or by mail to the Air and Radiation Administration, 1800 Washington Boulevard, Baltimore, Maryland 21230.

Further information may be obtained by calling Ms. Shannon Heafey at 410-537-4433.

Christopher R. Hoagland, Director
Air and Radiation Administration

MARYLAND DEPARTMENT OF ENVIRONMENT
AIR AND RADIATION ADMINISTRATION

FACT SHEET AND TENTATIVE DETERMINATION
ALLAN MYERS MATERIALS MD, INC. – ELK MILLS QUARRY

PROPOSED INSTALLATION OF 500 TON PER HOUR CRUSHER AND SCREEN POWERED BY TWO (2) DIESEL ENGINES

I. INTRODUCTION

The Maryland Department of the Environment (the "Department") received an application from Allan Myers Materials MD, Inc. on March 1, 2024 for a Permit to Construct for one (1) 500 ton per hour crusher and screen powered by one (1) 400 horsepower diesel engine and one (1) 225 horsepower diesel engine. The proposed installation will be located at 896 Elk Mills Road, Elk Mills, MD 21920.

A notice was placed in Cecil Whig on April 19, 2024 and April 26, 2024 announcing an opportunity to request an informational meeting to discuss the application for a Permit to Construct. An informational meeting was not requested.

As required by law, all public notices were also provided to elected officials in all State, county, and municipality legislative districts located within a one mile radius of the facility's property boundary.

The Department has reviewed the application and has made a tentative determination that the proposed installation is expected to comply with all applicable air quality regulations. A notice will be published to provide the public with opportunities to request a public hearing and to comment on the application, the Department's tentative determination, the draft permit conditions, and other supporting documents. The Department will not schedule a public hearing unless a legitimate request is received.

If the Department does not receive any comments that are adverse to the tentative determination, the tentative determination will automatically become a final determination. If adverse comments are received, the Department will review the comments, and will then make a final determination with regard to issuance or denial of the permit. A notice of final determination will be published in a newspaper of general circulation in the affected area. The final determination may be subject to judicial review pursuant to Section 1-601 of the Environment Article, Annotated Code of Maryland.

II. CURRENT STATUS AND PROPOSED INSTALLATION

A. Current Status

Allan Myers Materials MD, Inc. – Elk Mills Quarry currently has a 1,500 ton per hour crushing and screening plant that was initially installed in 1958 and has been modified several times over the years. The equipment is registered under ARA Registration Nos. 015-0003-6-0288 and 9-0036. The plant is powered mostly by electricity and uses wet suppression systems to control fugitive dust. Existing equipment may be replaced on an as needed basis. The following equipment is associated with the crushing and screening plant:

Crushers

(1) CR1: One (1) Allis Chalmers 42/65 crusher.
(2) CR2: One (1) 7' STD Nordberg crusher.
(3) CR3: One (1) Nordberg HP 400 crusher installed in 2004, like-kind replacement installed in 2021.
(4) CR4: One (1) Nordberg HP 400 crusher installed in 2004, like-kind replacement installed in 2021.

Screens

(1) S1: One (1) Deister 7' x 16' screen, like-kind replacement installed in 2010.
(2) S2: One (1) Deister 7' x 20' screen, like-kind replacement installed 2007, like-kind Conn-Weld replacement installed in 2023.
(3) S3: One (1) 6' x 16' 2-deck Deister scalping screen installed in 2008, like-kind replacement installed in 2018.
(4) S4: One (1) 8' x 24' 3-deck Deister screen installed in 2004.
(5) S5: One (1) 8' x 24' 3-deck Deister screen installed in 2004, like-kind Conn-Weld replacement installed in 2022.
(6) S7: One (1) 6' x 16' HFS Deister screen installed in 2009, modified in 2019.
(7) S8: One (1) 500 ton per hour MDS screen powered by one (1) 131 horsepower diesel engine, installed in 2015, like-kind replacement installed in 2024. ARA Registration No. 015-0003-6-0288.

Feeders and Surge Bins

(1) FDR1: One (1) feeder under primary CR1.
(2) FDR2: One (1) feeder #2 product to C-8.
(3) FDR3: One (1) FMC Technologies feeder (F-450-C) installed in 2012.
(4) FDR4: One (1) FMC Technologies feeder (F-450-C) installed in 2011.
(5) FDR5: One (1) F-480 Syntron 36'' x 72'' feeder installed in 2004, like-kind replacement installed in 2023.
(6) FDR6: One (1) F-480 Syntron 36'' x 72'' feeder installed in 2004, like-kind replacement installed in 2023.
(7) One (1) 100-ton surge bin (bin above FDR5 and FDR6) installed in 2004.

Conveyors

(1) C-1: One (1) 60'' wide conveyor.
(2) C-2, C-3, C-8, C-9, C-13, C-14, C-15, C-16, C-18, C-19, C-21, C-22, C-23, C-25, C-26: Fifteen (15) 36'' wide conveyors.
(3) C-4, C-5, C-6, C-7, C-17, C-20: Six (6) 42'' wide conveyors.
(4) C-10, C-11, C-27, C-28, C29, C-30: Six (6) 30'' wide conveyors.
(5) C-12: One (1) 48" wide conveyor.
(6) C-24: One (1) 24" wide conveyor.
(7) One (1) 75 ton per hour hopper and discharge conveyor installed in 2015, not a modification subject to 40 CFR 60, Subpart OOO.

B. Proposed Installation

The facility is proposing to install one (1) 500 ton per hour portable crusher and screen powered by one (1) 400 horsepower diesel engine and one (1) 225 horsepower diesel engine. The facility wishes to have the option of replacing existing equipment on an as needed basis for the new portable crusher and screen.

III. APPLICABLE REGULATIONS

The proposed installation is subject to all applicable Federal and State air quality control regulations, including, but not limited to the following:

(a) All applicable terms, provisions, emissions standards, testing, monitoring, record keeping, and reporting requirements included in federal New Source Performance Standards (NSPS) promulgated under 40 CFR 60, Subpart A (General Provisions) and Subpart OOO for Nonmetallic Mineral Processing Plants.

(b) COMAR 26.11.02.19C & D, which requires that the Permittee submit to the Department annual certifications of emissions, and that the Permittee maintain sufficient records to support the emissions information presented in the submittals.

(c) COMAR 26.11.06.03C and D, which requires that the Permittee submit to the Department annual certifications of emissions, and that the Permittee maintain sufficient records to support the emissions information presented in the submittals.

(d) COMAR 26.11.06.08 and 26.11.06.09, which generally prohibit the discharge of emissions beyond the property line in such a manner that a nuisance or air pollution is created.

(e) COMAR 26.11.09.05E, which limits visible emissions from the diesel engines to 10 percent and 40 percent opacity during idle and operating modes, respectively. Exceptions to these opacity limits are as follows:

(i) The 10 percent opacity limit during idle mode does not apply for a period of 2 consecutive minutes after a period of idling of 15 minutes for the purpose of clearing the exhaust system;

(ii) The 10 percent opacity limit during idle mode does not apply to emissions resulting directly from a cold engine start-up and warm-up for the following maximum periods:

(A) Engines that are idling continuously when not in service: 30 minutes; and

(B) All other engines: 15 minutes.

(iii) COMAR 26.11.09.05E(2) and (3) do not apply while maintenance, repair, or testing is being performed by qualified mechanics.

(f) COMAR 26.11.09.07A(1), which limits the sulfur content of distillate fuel oils to not more than 0.3 percent by weight.

(g) COMAR 26.11.15.05, which requires that the Permittee implement "Best Available Control Technology for Toxics" (T – BACT) to control emissions of toxic air pollutants.

(h) COMAR 26.11.15.06, which prohibits the discharge of toxic air pollutants to the extent that such emissions will unreasonably endanger human health.

IV. GENERAL AIR QUALITY

The U.S. Environmental Protection Agency (EPA) has established primary and secondary National Ambient Air Quality Standards (NAAQS) for six (6) criteria pollutants, i.e., sulfur dioxide, particulate matter, carbon monoxide, nitrogen dioxide, ozone, and lead. The primary standards were established to protect public health, and the secondary standards were developed to protect against non-health effects such as damage to property and vegetation.

The Department utilizes a statewide air monitoring network, operated in accordance with EPA guidelines, to measure the concentrations of criteria pollutants in Maryland's ambient air. The measurements are used to project statewide ambient air quality, and currently indicate that Cecil County complies with the NAAQS for sulfur dioxide, particulate matter, carbon monoxide, nitrogen dioxide, and lead.

Ground level ozone continues to present a problem for the entire Baltimore metropolitan area, which is classified as a non-attainment area for ozone. The primary contributors to the formation of ozone are emissions of oxides of nitrogen, primarily from combustion equipment, and emissions of Volatile Organic Compounds (VOC) such as paint solvents and gasoline vapors. Cecil County is included in the non-attainment area for ozone.

With regard to toxic air pollutants (TAPs), screening levels (i.e., acceptable ambient concentrations for toxic air pollutants) are generally established at 1/100 of allowed worker exposure levels (TLVs)[1]. The Department has also developed additional screening levels for carcinogenic compounds. The additional screening levels are established such that continuous exposure to the subject TAP at the screening level for a period of 70 years is expected to cause an increase in lifetime cancer risk of no more than 1 in 100,000.

V. ENVIRONMENTAL JUSTICE ANALYSIS

The concept behind the term environmental justice (EJ) is that regardless of race, color, national origin, or income, all Maryland residents and communities should have an equal opportunity to enjoy an enhanced quality of life. How to assess whether equal protection is being applied is the challenge.

Communities surrounded by a disproportionate number of polluting facilities puts residents at a higher risk for health problems from environmental exposures. It is important that residents who may be adversely affected by a proposed source be aware of the current environmental issues in their community in order to have meaningful involvement in the permitting process. Resources may be available from government and private entities to ensure that community health is not negatively impacted by a new source located in the community.

Extensive research has documented that health disparities exist between demographic groups in the United States, such as differences in mortality and morbidity associated with factors that include race/ethnicity, income, and educational attainment.

The Maryland General Assembly passed HB 1200, effective October 1, 2022, that adds to MDE's work incorporating diversity, equity and inclusion into our mission to help overburdened and underserved communities with environmental issues. In accordance with HB 1200/Ch. 588 of 2022, the applicant provided an environmental justice (EJ) Score for the census tract in which the proposed source is located using the Maryland EJ Screening Tool. The EJ Score, expressed as a statewide percentile, was shown to be 4.7 which the Department has verified. This score considers three demographic indicators, minority population above 50%, poverty rate above 25%

[1] TLVs are threshold limit values (exposure limits) established for toxic materials by the American Conference of Governmental Industrial Hygienists (ACGIH). Some TLVs are established for short-term exposure (TLV – STEL), and some are established for longer-term exposure (TLV – TWA), where TWA is an acronym for time-weight average.

and limited English proficiency above 15%, to identify underserved communities, and multiple environmental health indicators to identify overburdened communities.

To account for other sources of pollution surrounding the proposed source, the Department conducted an additional EJ Score analysis to evaluate the impact of other sources located within 1 mile of the proposed source. The 1-mile radius EJ Score, expressed as a statewide percentile, was shown to be 33.7.

An EJ Score of 33.7 indicates that the proposed installation is located in an area that is not disproportionately impacted by sources of pollution or at a higher risk of health problems from environmental exposures than other areas in Maryland. The Department has reviewed the air quality impacts from this proposed installation and has determined that the proposed installation will meet all applicable air quality standards.

VI. COMPLIANCE DEMONSTRATION AND ANALYSIS

The proposed installation must comply with all State imposed emissions limitations and screening levels, as well as the NAAQS. The Department has conducted an engineering and air quality review of the application. The emissions were projected based on U.S. EPA emission factors for crushing and screening plants and U.S. EPA engine tier emission limits for diesel engines. The conservative U.S. EPA's SCREEN3 model was used to project the maximum ground level concentrations from the proposed facility, which were then compared to the screening levels and the NAAQS.

A. **Estimated Emissions** - The maximum emissions of air pollutants of concern from the proposed installation are listed in Table I.

B. **Compliance with National Ambient Air Quality Standards -** The maximum ground level concentrations for nitrogen dioxide, sulfur dioxide, carbon monoxide, and particulate matter based on the emissions from the proposed installation are listed in column 2 of Table II. The combined impact of the projected contribution from the proposed installation and the ambient background concentration for each pollutant shown in column 3 of Table II is less than the NAAQS for each pollutant shown in column 4.

C. **Compliance with Air Toxics Regulations** – The toxic air pollutant of concern that would be emitted from this installation is listed in column 1 of Table III. The predicted maximum off-site ambient concentration of this toxic air pollutant is shown in column 4 of Table III, and the maximum concentration is less than the corresponding screening level for the toxic air pollutant shown in column 2.

VII. TENTATIVE DETERMINATION

Based on the above information, the Department has concluded that the proposed installation will comply with all applicable Federal and State air quality control requirements. In accordance with the Administrative Procedure Act, Department has made a tentative determination to issue the Permit to Construct.

Enclosed with the tentative determination is a copy of the draft Permit to Construct.

TABLE I
PROJECTED MAXIMUM EMISSIONS FROM THE PROPOSED INSTALLATION

POLLUTANT	PROJECTED MAXIMUM EMISSIONS FROM PROPOSED INSTALLATION	
	(lbs/day)	(tons/year)
Nitrogen Dioxide (NO_2)	4.13	0.21
Sulfur Dioxide (SO_2)	12.81	0.64
Carbon Monoxide (CO)	35.82	1.79
Volatile Organic Compounds (VOC)	1.93	0.10
Particulate Matter (PM_{10})	15.64	0.78

TABLE II
PROJECTED IMPACT OF EMISSIONS OF CRITERIA POLLUTANTS FROM THE PROPOSED INSTALLATION ON AMBIENT AIR QUALITY

POLLUTANTS	**MAXIMUM OFF-SITE GROUND LEVEL CONCENTRATIONS CAUSED BY EMISSIONS FROM PROPOSED PROCESS ($\mu g/m^3$)**	**BACKGROUND AMBIENT AIR CONCENTRATIONS ($\mu g/m^3$)***	**NATIONAL AMBIENT AIR QUALITY STANDARDS (NAAQS) ($\mu g/m^3$)**
Nitrogen Dioxide (NO_2)	annual avg.→ 2.05	annual avg.→ 17.01	annual avg.→ 100
Carbon Monoxide (CO)	8-hour max→ 185.11 1-hour max → 264.46	8-hr max.→ 1260 1-hr max.→ 2977	8-hr max.→ 10,000 1-hr max.→ 40,000
Sulfur Dioxide (SO_2)	24-hour max. → 31.83 annual avg. → 6.37	24-hour max.→ 4.98 annual avg.→ 0.79	24-hour max.→ 366 annual avg.→ 78.5
Particulate Matter (PM_{10})	24-hr max → 44.26	24-hr max.→ 101	24-hr max.→ 150

*Background concentrations were obtained from Maryland air monitoring stations as follows:

NO_2, CO and SO_2 → 600 Dorsey Avenue in Baltimore County
PM_{10} → 3900 Hillen Road in Baltimore City

TABLE III
PREDICTED MAXIMUM OFF-SITE AMBIENT CONCENTRATIONS FOR TOXIC AIR POLLUTANTS EMITTED FROM THE PROPOSED INSTALLATION

TOXIC AIR POLLUTANTS	SCREENING LEVELS ($\mu g/m^3$)	PROJECTED WORST-CASE FACILITY-WIDE EMISSIONS (lbs/hr)	PREDICTED MAXIMUM OFF-SITE GROUND LEVEL CONCENTRATIONS ($\mu g/m^3$)
Crystalline Silica (CAS No. 14808-60-7)	1-hour→ None 8-hour→ 0.25 Annual→ None	0.0009	1-hour→ None 8-hour→ 0.23 Annual→ None

The values represent maximum facility-wide emissions of toxic air pollutants during any 1-hour period of facility operation.

The values are based on worst-case emissions from the proposed facility and were predicted by EPA's SCREEN3 model, which provides conservative estimations concerning the impact of pollutants on ambient air quality.

DRAFT PERMIT

Wes Moore Serena McIlwain

Air and Radiation Administration

1800 Washington Boulevard, Suite 720
Baltimore, MD 21230

☒ Construction Permit ☐ Operating Permit

PERMIT NO.
As Listed on Page 2

DATE ISSUED:
[Date of Issuance]

PERMIT FEE:
$2000.00 (Paid)

EXPIRATION DATE:
In accordance with COMAR 26.11.02.04B

LEGAL OWNER & ADDRESS
Allan Myers Materials MD, Inc.
638 Lancaster Ave.
Malvern, PA 19355
Attention: Mr. David Schnackenberg, Senior Environmental Manager

SITE
Allan Myers Materials MD, Inc. – Elk Mills Quarry
896 Elk Mills Rd
Elk Mills, MD 21920
AI # 4148

SOURCE DESCRIPTION

Crushing and Screening Facility.

This permit authorizes the installation of one (1) 500 ton per hour portable crusher and screen powered by one (1) 400 horsepower diesel engine and one (1) 225 horsepower diesel engine.

This permit supersedes all previous permits to construct issued to ARA Premises No. 015-0003.

This permit serves as a Temporary Permit to Operate for a period of 180 days after initial startup of the crusher and screen.

This source is subject to the conditions described on the attached pages.

Program Manager

Director, Air and Radiation Administration

ALLAN MYERS MATERIALS MD, INC.
ELK MILLS QUARRY
PERMIT-TO-CONSTRUCT CONDITIONS
PREMISES No. 015-0003

INDEX

This permit to construct is issued to cover the following registered installations:

ARA Registration Number	Description
015-0003-6-0288 and 015-0003-9-0036	1,500 ton per hour crushing and screening plant, initially installed in 1958 and modified in 1983, 1990, 1991, 1995, and as noted. The plant is mostly powered by electricity, is controlled by wet suppression systems, and consists of the following permitted equipment: **Crushers**: CR1: One (1) Allis Chalmers 42/65 crusher. CR2: One (1) 7' STD Nordberg crusher. CR3: One (1) Nordberg HP 400 crusher installed in 2004, like-kind replacement installed in 2021. CR4: One (1) Nordberg HP 400 crusher installed in 2004, like-kind replacement installed in 2021. **Screens**: S1: One (1) Deister 7' x 16' screen, like-kind replacement installed in 2010. S2: One (1) Deister 7' x 20' screen, like-kind replacement installed in 2007, like-kind Conn-Weld replacement installed in 2023. S3: One (1) 6' x 16' 2-deck Deister scalping screen installed in 2008, like-kind replacement installed in 2018. S4: One (1) 8' x 24' 3-deck Deister screen installed in 2004. S5: One (1) 8' x 24' 3-deck Deister screen installed in 2004, like-kind Conn-Weld replacement installed in 2022. S7: One (1) 6' x 16' HFS Deister screen installed in 2009, modified in 2019. S8: One (1) 500 ton per hour MDS screen powered by one (1) 131 horsepower diesel engine, installed in 2015, like-kind replacement installed in 2024. ARA Registration No. 015-0003-6-0288.

ARA Registration Number	Description
	Feeders and Surge Bins: FDR1: One (1) feeder under primary CR1. FDR2: One (1) feeder #2 product to C-8. FDR3: One (1) FMC Technologies feeder (F-450-C) installed in 2012. FDR4: One (1) FMC Technologies feeder (F-450-C) installed in 2011. FDR5: One (1) F-480 Syntron 36” x 72” feeder installed in 2004, like-kind replacement installed in 2023. FDR6: One (1) F-480 Syntron 36” x 72” feeder installed in 2004, like-kind replacement installed in 2023. One (1) 100 ton surge bin (bin above FDR5 and FDR 6) installed in 2004. **Conveyors**: C-1: One (1) 60” wide conveyor. C-2, C-3, C-8, C-9, C-13, C-14, C-15, C-16, C-18, C-19, C-21, C-22, C-23, C-25, C-26: Fifteen (15) 36” wide conveyors. C-4, C-5, C-6, C-7, C-17, C-20: Six (6) 42” wide conveyors. C-10, C-11, C-27, C-28, C-29, C-30: Six (6) 30” wide conveyors. C-12: One (1) 48” wide conveyor. C-24: One (1) 24” wide conveyor. One (1) 75 ton per hour hopper and discharge conveyor installed in 2015, not a modification subject to 40 CFR 60, Subpart OOO.
015-0003-6-0418	One (1) 500 ton per hour portable crusher and screen powered by one (1) 400 horsepower diesel engine and one (1) 225 horsepower diesel engine, installed in 2024.

Part A – General Provisions

(1) The following Air and Radiation Administration (ARA) permit-to-construct applications and supplemental information are incorporated into this permit by reference:

(a) All valid applications for Processing or Manufacturing Equipment (Form 5) received at the Department prior to issuance of this permit. This includes the Form 5 application received March 1, 2024 for the installation of one (1) 500 ton per hour portable crusher and screen powered by one (1) 400 horsepower diesel engine and one (1) 225 horsepower diesel engine.

(b) All valid Toxic Air Pollutant (TAP) Emissions Summary and Compliance Demonstration (Form 5T) received at the Department prior to issuance of this permit. This includes the Form 5T application received March 1, 2024 for the installation of one (1) 500 ton per hour portable crusher and screen powered by one (1) 400 horsepower diesel engine and one (1) 225 horsepower diesel engine.

(c) All valid Emission Point Data (Form 5EP) received at the Department prior to issuance of this permit. This includes the Form 5EP applications received March 1, 2024 for the installation of one (1) 500 ton per hour portable crusher and screen powered by one (1) 400 horsepower diesel engine and one (1) 225 horsepower diesel engine.

(d) Supplemental Information including vendor literature and a site map received at the Department on March 1, 2024.

If there are any conflicts between representations in this permit and representations in the applications, the representations in the permit shall govern. Estimates of dimensions, volumes, emissions rates, operating rates, feed rates and hours of operation included in the applications do not constitute enforceable numeric limits beyond the extent necessary for compliance with applicable requirements.

(2) Upon presentation of credentials, representatives of the Maryland Department of the Environment (“MDE” or the “Department”) and the Cecil County Health Department shall at any reasonable time be granted, without delay and without prior notification, access to the Permittee’s property and permitted to:

(a) inspect any construction authorized by this permit;

(b) sample, as necessary to determine compliance with requirements of this permit, any materials stored or processed on-site, any waste materials, and any discharge into the environment;

(c) inspect any monitoring equipment required by this permit;

(d) review and copy any records, including all documents required to be maintained by this permit, relevant to a determination of compliance with requirements of this permit; and

(e) obtain any photographic documentation or evidence necessary to determine compliance with the requirements of this permit.

(3) The Permittee shall notify the Department prior to increasing quantities and/or changing the types of any materials referenced in the application or limited by this permit. If the Department determines that such increases or changes constitute a modification, the Permittee shall obtain a permit-to-construct prior to implementing the modification.

(4) Nothing in this permit authorizes the violation of any rule or regulation or the creation of a nuisance or air pollution.

(5) If any provision of this permit is declared by proper authority to be invalid, the remaining provisions of the permit shall remain in effect.

(6) This permit supersedes all previous permits-to-construct issued to ARA Premises No. 015-0003.

(7) Subsequent to issuance of this permit, the Department may impose additional and modified requirements that are incorporated into a State permit-to-operate issued pursuant to COMAR 26.11.02.13.

Part B – Applicable Regulations

(1) This source is subject to all applicable federal air pollution control requirements including, but not limited to, the following:

All applicable terms, provisions, emissions standards, testing, monitoring, record keeping, and reporting requirements included in federal New Source Performance Standards (NSPS) promulgated under 40 CFR 60, Subparts A and OOO for Nonmetallic Mineral Processing Plants.

All notifications required under 40 CFR 60, Subparts A and OOO shall be submitted to both of the following:

The Administrator
Compliance Program
Maryland Department of the Environment
Air and Radiation Administration
1800 Washington Boulevard, STE 715
Baltimore MD 21230

and

United States Environmental Protection Agency

Region III, Enforcement & Compliance Assurance Division
Air, RCRA and Toxics Branch (3ED21)
Four Penn Center
1600 John F. Kennedy Boulevard
Philadelphia, PA 19103-2852

(2) This source is subject to all applicable federally enforceable State air pollution control requirements including, but not limited to, the following regulations:

(a) COMAR 26.11.01.07C, which requires that the Permittee report to the Department occurrences of excess emissions.

(b) COMAR 26.11.02.04B, which states that a permit to construct or an approval expires if, as determined by the Department:

(i) Substantial construction or modification is not commenced within 18 months after the date of issuance of the permit or approval, unless the Department specifies a longer period in the permit or approval;

(ii) Construction or modification is substantially discontinued for a period of 18 months after the construction or modification has commenced; or

(iii) The source for which the permit or approval was issued is not completed within a reasonable period after the date of issuance of the permit or approval.

(c) COMAR 26.11.02.09A, which requires that the Permittee obtain a permit-to-construct if an installation is to be modified in a manner that would cause changes in the quantity, nature, or characteristics of emissions from the installation as referenced in this permit.

(d) COMAR 26.11.06.03C and D, which requires that the Permittee take reasonable precautions to prevent particulate matter from unconfined sources and materials handling and construction operations from becoming airborne.

(e) COMAR 26.11.06.12, which states that a person may not construct, modify, or operate, or cause to be constructed, modified, or operated, a New Source Performance Standard (NSPS) source in a manner which results or will result in violation of the provisions of 40 CFR, Part 60.

(f) COMAR 26.11.09.05E, which limits visible emissions from the diesel engines to 10 percent and 40 percent opacity during idle and operating modes, respectively. Exceptions to these opacity limits are as follows:

(i) The 10 percent opacity limit during idle mode does not apply for a period of 2 consecutive minutes after a period of idling of 15 consecutive minutes for the purpose of clearing the exhaust system;

(ii) The 10 percent opacity limit during idle mode does not apply to emissions resulting directly from a cold engine start-up and warm-up for the following maximum periods:

(A) Engines that are idling continuously when not in service: 30 minutes; and

(B) All other engines: 15 minutes.

(iii) COMAR 26.11.09.05E(2) and (3) do not apply while maintenance, repair, or testing is being performed by qualified mechanics.

(g) COMAR 26.11.09.07A(1), which limits the sulfur content of distillate fuel oils to not more than 0.3 percent by weight.

(3) This source is subject to all applicable State-only enforceable air pollution control requirements including, but not limited to, the following regulations:

(a) COMAR 26.11.02.13A(16), which requires that the Permittee obtain from the Department, and maintain and renew as required, a valid State permit-to-operate.

(b) COMAR 26.11.02.19C & D, which require that the Permittee submit to the Department annual certifications of emissions, and that the Permittee maintain sufficient records to support the emissions information presented in such submittals.

(c) COMAR 26.11.06.08 and 26.11.06.09, which generally prohibit the discharge of emissions beyond the property line in such a manner that a nuisance or air pollution is created.

(d) COMAR 26.11.15.05, which requires that the Permittee implement "Best Available Control Technology for Toxics" (T – BACT) to control emissions of toxic air pollutants.

(e) COMAR 26.11.15.06, which prohibits the discharge of toxic air pollutants to the extent that such emissions would unreasonably endanger human health.

Part C – Construction Conditions

(1) Except as otherwise provided in this part, the one (1) 500 ton per hour portable crusher and screen powered by one (1) 400 horsepower diesel engine and one (1) 225 horsepower diesel engine (ARA Registration No. 015-0003-6-0418) shall be constructed in accordance with specifications included in the incorporated applications.

(2) This permit authorizes the installation of a portable crushing and screening plant and subsequent, equivalent replacement crushing and screening equipment as needed.

(3) The Permittee shall equip the portable crusher and screen (ARA Registration No. 015-0003-6-0418) with wet suppression systems to comply with the particulate matter handling requirements of COMAR 26.11.06.03C and D, and 40 CFR 60, Subpart OOO.

Part D – Operating and Monitoring Conditions

(1) Except as otherwise provided in this part, the one (1) 500 ton per hour portable crusher and screen powered by one (1) 400 horsepower diesel engine and one (1) 225 horsepower diesel engine (ARA Registration No. 015-0003-6-0418) shall be operated in accordance with specifications included in the application and any operating procedures recommended by equipment vendors unless the Permittee obtains from the Department written authorization for alternative operating procedures.

(2) The Permittee shall maintain and operate all installations and air pollution control equipment so as to assure full and continuous compliance with all applicable air pollution control regulations and permit conditions.

(3) The Permittee shall properly maintain, calibrate, and operate all control panel instrumentation and all devices employed to monitor performance of the facility's air pollution control devices.

(4) Wet suppression systems shall be used whenever needed to comply with the particulate matter handling requirements of COMAR 26.11.06.03C and D and the following opacity limits for affected facilities at nonmetallic mineral processing plants constructed, modified, or reconstructed on or after April 22, 2008 as specified in 40 CFR, Part 60, Subpart OOO:

(a) No more than 12 percent opacity from the crusher; and

(b) No more than 7 percent opacity from all other fugitive sources.
[Reference: 40 CFR §60.672(b) and Table 3 to 40 CFR 60 Subpart OOO]

(5) Wet suppression systems shall be used whenever needed to comply with the particulate matter handling requirements of COMAR 26.11.06.03C and D and the following opacity limits for affected facilities at nonmetallic mineral processing plants constructed, modified, or reconstructed after August 31, 1983 but before April 22, 2008 as specified in 40 CFR, Part 60, Subpart OOO:

(a) No more than 15 percent opacity from the crusher; and

(b) No more than 10 percent opacity from all other fugitive sources.
[Reference: 40 CFR §60.672(b) and Table 3 to 40 CFR 60 Subpart OOO]

(6) For affected facilities at nonmetallic mineral processing plants constructed, modified, or reconstructed on or after April 22, 2008, the Permittee shall perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression systems. The Permittee must initiate corrective action within 24 hours and complete corrective action as expediently as practicable if the Permittee finds that water is not flowing properly during an inspection of the water spray nozzles. **[Reference: 40 CFR §60.674(b) and 40 CFR §60.676(b)]**

(7) The Permittee shall process only aggregate in the one (1) 1500 ton per hour crushing and screening plant (ARA Registration No. 015-0003-9-0036) and the one (1) 500 ton per hour portable crusher and screen (ARA Registration No. 015-0003-6-0418) unless the Permittee obtains an approval from the Department to process other materials.

(8) The Permittee shall not process more than 200 tons of stone per hour through the 6' x 16' 2-deck Deister screen (S7) (ARA Registration No. 015-0003-9-0036)

unless the Permittee obtains an approval from the Department to process more material.

(9) The Permittee shall not process more than 500 tons per hour through the portable crusher and screen (ARA Registration 015-0003-6-0418) unless the Permittee obtains an approval from the Department to process more material.

(10) Subsequent equivalent equipment may be installed to replace existing equipment associated with the portable crushing and screening plant (ARA Registration No. 015-0003-6-0418), as needed, provided the Permittee submits notice to the Department and demonstrates compliance with all applicable opacity standards, if required. **[Reference: 40 CFR §60.11(b) and §60.672(b)]**

(11) All engines associated with the one (1) 500 ton per hour MDS screen and the portable crushing and screening plant (ARA Registration Nos. 015-0003-6-0288 and 6-0418) at the facility shall be rated Tier 4 or better.

(12) All engines at the facility shall be nonroad engines, as defined in 40 CFR §1068.30, unless the Permittee complies with the stationary engine requirements of 40 CFR 60, Subpart IIII or Subpart JJJJ and 40 CFR 63, Subpart ZZZZ, as applicable, for each engine.

(13) Fugitive dust from plant roads and stockpiles shall be controlled, as necessary, by using water or approved chemical dust suppressants or a combination, thereof.

Part E – Notifications and Testing

(1) The Permittee shall submit written or electronic notification to the Department of the initial startup date of the 500 ton per hour portable crusher and screen (ARA Registration No. 015-0003-6-0418) and the initial startup date of each subsequent, equivalent replacement equipment within 15 days after such date. **[Reference: 40 CFR §60.7(a)(3) and §60.676(i)]**

(2) Not later than 180 days after the initial startup date of the 500 ton per hour portable crusher and screen (ARA Registration No. 015-0003-6-0418) and each subsequent, equivalent replacement equipment (if required), the Permittee shall demonstrate compliance with all applicable opacity standards. **[Reference: 40 CFR §60.11(b) and §60.672(b)]**

(3) The Permittee shall use Method 9 of Appendix A-4 to 40 CFR, Part 60 and the procedures in 40 CFR §60.11, with the following additions:

(a) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).

(b) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9 of Appendix A-4 of this part, Section 2.1) must be followed.

(c) For affected facilities using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.

[Reference: 40 CFR §60.675(c)(1)]

(4) The duration of the Method 9 (40 CFR, Part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable opacity standards must be based on the average of the five 6-minute averages.
[Reference: 40 CFR §60.675(c)(3)]

(5) The Permittee shall submit notification of the intended date of the required Method 9 observations to the Department at least 30 days prior to that date.

(6) Within 45 days following the Method 9 observations, the Permittee shall submit the results to the Department.

Part F – Record Keeping and Reporting

(1) The Permittee shall maintain for at least five (5) years, and shall make available to the Department upon request, records of the following information:

(a) The amount of stone processed in the 1500 ton per hour crushing and screening plant each month (ARA Registration No. 015-0003-9-0036).

(b) The types and amount of material processed in the 500 ton per hour portable crusher and screen (ARA Registration No. 015-0003-6-0418) each month.

(c) All maintenance performed on the 1500 ton per hour crushing and screening plant (ARA Registration No. 015-0003-9-0036) and the 500 ton per hour portable crusher and screen (ARA Registration No. 015-0003-6-0418).

(d) The amount of diesel fuel burned in each diesel engine at the facility each month.

(e) The amount of stone processed in the 6’ x 16’ Deister 2-deck screen (S7) each day.

(f) The number of hours the 6’ x 16' Deister 2-deck screen (S7) is operated each day.

(g) All opacity observation notifications and test results.

(h) Copies of the initial startup notification for the 500 ton per hour crusher and screen (ARA Registration No. 015-0003-6-0418) and each subsequent, equivalent replacement.

(i) Equipment information or vendor literature for all initial equipment and each subsequent, equivalent replacement equipment.

(j) For affected facilities at nonmetallic mineral processing plants constructed, modified, or reconstructed on or after April 22, 2008, a log in written or electronic format of each periodic inspection of the wet suppression system required under 40 CFR §60.674(b), including dates and any corrective actions taken.

Note: If the Permittee ceases operation of the water sprays or is using a control mechanism to reduce fugitive emissions other than water sprays during the monthly inspection (for example, water from recent rainfall), the logbook entry required under 40 CFR §60.676(b) must specify the control mechanism being used instead of the water sprays.
[Reference: 40 CFR §60.674(b)(1) and (2), §60.676(b)(1), and Table 3 of 40 CFR, Part 60, Subpart OOO]

(2) The Permittee shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards of 40 CFR §60.672(b) including reports of opacity observations made using Method 9(40 CFR Part 60, Appendix A-4). **[Reference: 40 CFR §60.676(f)]**

(3) The Permittee shall maintain at the facility for at least five (5) years, and shall make available to the Department upon request, records necessary to support annual certifications of emissions and demonstrations of compliance for toxic air pollutants. Such records shall include, if applicable, the following:

(a) mass emissions rates for each regulated pollutant, and the total mass emissions rate for all regulated pollutants for each registered source of emissions;

(b) accounts of the methods and assumptions used to quantify emissions;

(c) all operating data, including operating schedules and production data, that were used in determinations of emissions;

(d) amounts, types, and analyses of all fuels used;

(e) any records, the maintenance of which is required by this permit or by State or federal regulations, that pertain to the operation and maintenance of continuous emissions monitors, including:

(i) all emissions data generated by such monitors;

(ii) all monitor calibration data;

(iii) information regarding the percentage of time each monitor was available for service; and

(iv) information concerning any equipment malfunctions.

(f) information concerning operation, maintenance, and performance of air pollution control equipment and compliance monitoring equipment, including:

(i) identifications and descriptions of all such equipment;

(ii) operating schedules for each item of such equipment;

(iii) accounts of any significant maintenance performed;

(iv) accounts of all malfunctions and outages; and

(v) accounts of any episodes of reduced efficiency.

(g) limitations on source operation or any work practice standards that significantly affect emissions; and

(h) other relevant information as required by the Department.

(4) The Permittee shall submit to the Department by April 1 of each year a certification of emissions for the previous calendar year. The certifications shall be prepared in accordance with requirements, as applicable, adopted under COMAR 26.11.01.05 – 1 and COMAR 26.11.02.19D.

(a) Certifications of emissions shall be submitted on forms obtained from the Department.

(b) A certification of emissions shall include mass emissions rates for each regulated pollutant, and the total mass emissions rate for all regulated pollutants for each of the facility's registered sources of emissions.

(c) The person responsible for a certification of emissions shall certify the submittal to the Department in the following manner:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

(5) The Permittee shall submit to the Department by April 1 of each year a written certification of the results of an analysis of emissions of toxic air pollutants from the Permittee's facility during the previous calendar year. Such analysis shall include either:

(a) a statement that previously submitted compliance demonstrations for emissions of toxic air pollutants remain valid; or

(b) a revised compliance demonstration, developed in accordance with requirements included under COMAR 26.11.15 & 16, that accounts

for changes in operations, analytical methods, emissions determinations, or other factors that have invalidated previous demonstrations.

(6) The Permittee shall report, in accordance with requirements under COMAR 26.11.01.07, occurrences of excess emissions to the Compliance Program of the Air and Radiation Administration.

Part G – Temporary Permit-to-Operate Conditions

(1) This permit-to-construct shall also serve as a temporary permit-to-operate that confers upon the Permittee authorization to operate the 500 ton per hour portable crusher and screen (ARA Registration No. 015-0003-6-0418) for a period of up to 180 days after initiating operation of the 500 ton per hour portable crusher and screen powered by one (1) 400 horsepower diesel engine and one (1) 225 horsepower diesel engine (ARA Registration No. 015-0003-6-0418).

(2) The Permittee shall provide the Department with written or electronic notification of the date on which operation of the 500 ton per hour portable crusher and screen (ARA Registration No. 015-0003-6-0418) is initiated. Such notification shall be provided within 15 business days of the date to be reported.

(3) During the effective period of the temporary permit-to-operate the Permittee shall operate the new installation as required by the applicable terms and conditions of this permit-to-construct, and in accordance with operating procedures and recommendations provided by equipment vendors.

(4) The Permittee shall submit to the Department an application for a State permit-to-operate no later than 60 days prior to expiration of the effective period of the temporary permit-to-operate.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

AIR AND RADIATION ADMINISTRATION

SUPPLEMENTAL INFORMATION REFERENCES

The Code of Maryland Regulations (COMAR) is searchable by COMAR citation at the following Division of State Documents website:
http://www.dsd.state.md.us/COMAR/ComarHome.html

The Code of Federal Regulations (CFR), including New Source Performance Standards (NSPS) at 40 CFR, Part 60 and National Emission Standards for Hazardous Air Pollutants (NESHAP) at 40 CFR, Parts 61 and 63, is searchable by CFR citation at the following U.S. Government Publishing Office website:
http://www.ecfr.gov

Information on National Ambient Air Quality Standards (NAAQS) is located at the following U.S. Environmental Protection Agency (EPA) website:
https://www.epa.gov/criteria-air-pollutants/naaqs-table

Information on Maryland's Ambient Air Monitoring Program is located at the following Maryland Department of the Environment website:
http://mde.maryland.gov/programs/Air/AirQualityMonitoring/Pages/index.aspx

Information on the U.S. EPA's Screen3 computer model and other EPA-approved air dispersion models is located at the following U.S. EPA website:
http://www.epa.gov/scram001/dispersion_screening.htm

Information on the U.S. EPA TANKS Emission Estimation Software is located at the following U.S. EPA website:
http://www.epa.gov/ttn/chief/software/tanks/index.html

Information on the U.S. EPA Emission Factors and AP-42 is located at the following U.S. EPA website:
https://www.epa.gov/air-emissions-factors-and-quantification/ap-42-compilation-air-emission-factors