

**MARYLAND DEPARTMENT OF THE ENVIRONMENT**

**AIR AND RADIATION ADMINISTRATION  
APPLICATION FOR A PERMIT TO CONSTRUCT**

**DOCKET #14-22**

COMPANY: Talbot County Repurposing Center  
LOCATION: 28128 St. Michaels Road, Easton, MD 21601  
APPLICATION: Installation of one (1) 200 ton per hour Rubble Master Impact Crusher powered by a 225 horsepower diesel engine.

<u>ITEM</u>	<u>DESCRIPTION</u>
1	Notice of Application and Opportunity to Request an Informational Meeting
2	Permit to Construct Application Forms
3	Zoning Approval from Talbot County

**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 Talbot County Repurposing Center on June 15, 2022 for the installation of one (1) 200 ton per hour Rubble Master Impact Crusher powered by a 225 horsepower diesel engine. The proposed installation will be located at 28128 St. Michaels Rd., Easton, MD 21601.

Copies of the application and other supporting documents are available for public inspection. Look for Docket #14-22 at the following link.

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

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. All requests for an informational meeting should be emailed to Ms. Shannon Heafey at [shannon.heafey@maryland.gov](mailto:shannon.heafey@maryland.gov).

Further information may be obtained by contacting Ms. Shannon Heafey by email at [shannon.heafey@maryland.gov](mailto:shannon.heafey@maryland.gov) or by phone at (410) 537-4433.

Christopher R. Hoagland, Director  
Air and Radiation Administration



## AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

OWNER OF EQUIPMENT/PROCESS	
COMPANY NAME:	Talbot County Government
COMPANY ADDRESS:	605 Port Street, Easton, MD 21601
LOCATION OF EQUIPMENT/PROCESS	
PREMISES NAME:	Talbot County Repurposing Center
PREMISES ADDRESS:	28128 St. Michaels Road, Easton, MD 21601
CONTACT INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	Warren W. Edwards, Jr.
JOB TITLE:	Superintendent
PHONE NUMBER:	410-770-8150
EMAIL ADDRESS:	wedwards@talbotcountymd.gov
DESCRIPTION OF EQUIPMENT OR PROCESS	
200 ton per hour Rubble Master RM90GO Impact Crusher	

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.

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

No. <u>  1  </u> Form 5	No. <u>      </u> Form 11
No. <u>  1  </u> Form 5T	No. <u>      </u> Form 41
No. <u>  1  </u> Form 5EP	No. <u>      </u> Form 42
No. <u>      </u> Form 6	No. <u>  1  </u> Form 44
No. <u>      </u> Form 10	
- Vendor/manufacturer specifications/guarantees
- Evidence of Workman's Compensation Insurance
- Process flow diagrams with emission points
- 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 <sup>(1)</sup>
- Documentation that the proposed installation complies with local zoning and land use requirements <sup>(2)</sup>

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

<sup>(2)</sup> Required for applications subject to Expanded Public Participation Requirements.

**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

<p><b>1A. Owner of Equipment/Company Name</b> Talbot County Government</p> <hr/> <p><b>Mailing Address</b> 605 Port Street Street Address Easton, MD 21601 City State Zip</p> <p><b>Telephone Number</b> ( 410 ) 770-8150</p> <p><b>Signature</b>  </p> <p>Warren W. Edwards, Superintendent Print Name and Title</p>	<p align="center"><b>DO NOT WRITE IN THIS BLOCK</b></p> <p align="center"><b>2. REGISTRATION NUMBER</b></p> <table style="width:100%; border: none;"> <tr> <td style="text-align: center;">County No.</td> <td style="text-align: center;">Premises No.</td> </tr> <tr> <td style="text-align: center;"> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> </table> </td> <td style="text-align: center;"> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> </table> </td> </tr> <tr> <td style="text-align: center;">1-2</td> <td style="text-align: center;">3-6</td> </tr> <tr> <td style="text-align: center;"><b>Registration Class</b></td> <td style="text-align: center;"><b>Equipment No.</b></td> </tr> <tr> <td style="text-align: center;"> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 100%;"></td></tr> </table> </td> <td style="text-align: center;"> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> </table> </td> </tr> <tr> <td style="text-align: center;">7</td> <td style="text-align: center;">8-11</td> </tr> <tr> <td style="text-align: center;"><b>Data Year</b></td> <td style="text-align: center;"><b>Application Date</b></td> </tr> <tr> <td style="text-align: center;"> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> </table> </td> <td style="text-align: center;"> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 100%;"></td></tr> </table> </td> </tr> <tr> <td style="text-align: center;">12-13</td> <td style="text-align: center;">Application Date</td> </tr> </table>	County No.	Premises No.	<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> </table>			<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> </table>					1-2	3-6	<b>Registration Class</b>	<b>Equipment No.</b>	<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 100%;"></td></tr> </table>		<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> </table>					7	8-11	<b>Data Year</b>	<b>Application Date</b>	<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> </table>			<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 100%;"></td></tr> </table>		12-13	Application Date
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<p><b>1B. Equipment Location and Telephone Number (if different from above)</b> 28128 St. Michaels Road Street Number and Street Name Easton, MD 21601 City/Town State Zip ( 410 ) 690-8904 Telephone Number Talbot County Repurposing Center Premises Name (if different from above)</p>																																	
<p><b>3. Status (A= New, B= Modification to Existing Equipment, C= Existing Equipment)</b></p> <table style="width:100%; border: none;"> <tr> <td style="text-align: center;">Status</td> <td style="text-align: center;">New Construction Begun (MM/YY)</td> <td style="text-align: center;">New Construction Completed (MM/YY)</td> <td style="text-align: center;">Existing Initial Operation (MM/YY)</td> </tr> <tr> <td style="text-align: center;"> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 100%; text-align: center;">C</td></tr> </table> </td> <td style="text-align: center;"> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> </table> </td> <td style="text-align: center;"> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> </table> </td> <td style="text-align: center;"> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%; text-align: center;">0</td><td style="width: 25%; text-align: center;">1</td><td style="width: 25%; text-align: center;">2</td><td style="width: 25%; text-align: center;">0</td></tr> </table> </td> </tr> <tr> <td style="text-align: center;">15</td> <td style="text-align: center;">16-19</td> <td style="text-align: center;">20-23</td> <td style="text-align: center;">20-23</td> </tr> </table>		Status	New Construction Begun (MM/YY)	New Construction Completed (MM/YY)	Existing Initial Operation (MM/YY)	<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 100%; text-align: center;">C</td></tr> </table>	C	<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> </table>					<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> </table>					<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%; text-align: center;">0</td><td style="width: 25%; text-align: center;">1</td><td style="width: 25%; text-align: center;">2</td><td style="width: 25%; text-align: center;">0</td></tr> </table>	0	1	2	0	15	16-19	20-23	20-23							
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15	16-19	20-23	20-23																														
<p><b>4. Describe this Equipment: Make, Model, Features, Manufacturer (include Maximum Hourly Input Rate, etc.)</b> Rubble Master Model RM90GO</p>																																	
<p><b>5. Workmen's Compensation Coverage</b> 3810100 07-01-2022 Company Chesapeake Employers Ins. Co. Binder/Policy Number Expiration Date</p> <p>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.</p>																																	
<p><b>6A. Number of Pieces of Identical Equipment Units to be Registered/Permitted at this Time</b> 1</p>																																	
<p><b>6B. Number of Stack/Emission Points Associated with this Equipment</b> N/A</p>																																	



**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**

Crushing/Screening of materials for repurposing

**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
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24-1	24-2	24-3	24-4	24-5	24-6	24-7	24-8

Other  
 Describe See Attached Photo  
 24-9

**10. Annual Fuel Consumption for this Equipment**

OIL-1000 GALLONS	SULFUR %	GRADE	NATURAL GAS-1000 FT <sup>3</sup>	LP GAS-100 GALLONS	GRADE
<input type="text" value="3"/> <input type="text" value="6"/> <input type="text" value="0"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>
26-31	32-33	34	35-41	42-45	

COAL- TONS	SULFUR %	ASH%	WOOD-TONS	MOISTURE %
<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>
46-52	53-55	56-58	59-63	64-65

OTHER FUELS <input type="checkbox"/> ANNUAL AMOUNT CONSUMED	OTHER FUEL <input type="checkbox"/> ANNUAL AMOUNT CONSUMED
(Specify Type) 66-1 (Specify Units of Measure)	(Specify Type) 66-2 (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
<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="0"/> <input type="text" value="6"/>	<input type="text" value="2"/>	<input type="text" value="5"/> <input type="text" value="0"/>
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%)

76                      77-78                      79-80                      81-82                      83-84

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

N  
85

If not, then

Height Above Ground (FT)

Inside Diameter at Top

Exit Temperature (°F)

Exit Velocity (FT/SEC)

--	--	--

86-88

--	--	--

89-91

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92-95

--	--	--

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)	PER HOUR	INPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

**TOTAL**

**14. Output Materials (for this equipment)**

**Process/Product Stream**

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

**TOTAL**

**15. Waste Streams- Solid and Liquid**

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
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

99-104

Oxides of Sulfur

105-110

Oxides of Nitrogen

111-116

Carbon Monoxide

177-122

Volatile Organic Compounds

123-128

PM-10

129-134

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

Particulate Matter

135-139

Oxides of Sulfur

140-144

Oxides of Nitrogen

145-149

Carbon Monoxide

150-154

Volatile Organic Compounds

155-159

PM-10

160-164

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

TSP

165

SOX

166

NOX

167

CO

168

VOC

169

PM10

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**

A: Add  
C: Change

239

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

Applicant Name: Talbot County Government

**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 ( $\mu\text{g}/\text{m}^3$ )			Estimated Premises Wide Emissions of TAP			
			1-hour	8-hour	Annual	Actual Total Existing TAP Emissions (lb/hr)	Projected TAP Emissions from Proposed Installation (lb/hr)	Premises Wide Total TAP Emissions (lb/yr)	
			ex. ethanol	64175	II	18843	3769	N/A	0.60
ex. benzene	71432	I	80	16	0.13	0.5	0.75	1.00	400
N/A									

(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  $200 \mu\text{g}/\text{m}^3$ .

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  $200 \mu\text{g}/\text{m}^3$ , and any applicable annual screening level for the TAP must be greater than  $1 \mu\text{g}/\text{m}^3$ .

**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
N/A					

(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 (µg/m <sup>3</sup> )			Premises Wide Total TAP Emissions		Allowable Emissions Rate (AER) per COMAR 26.11.16.02A		Off-site Concentrations per Screening Analysis (µg/m <sup>3</sup> )			Compliance Method Used? AER or Screen
		Annual		1500	(lb/yr)	(lb/hr)	(lb/yr)	Annual		Annual		
		1-hour	8-hour					1-hour	8-hour			
ex. ethanol	64175	18843	3769	0.75	1500	0.89	N/A	N/A	N/A	N/A	N/A	AER
ex. benzene	71432	80	16	1.00	400	0.04	36.52	1.5	1.05	0.12	0.12	Screen
N/A												

(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.**

**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](http://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: Talbot County Government

**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:  
N/A

**2. Emission Point Description**

Describe the emission point including all associated equipment and control devices:  
N/A

**3. Emissions Schedule for the Emission Point**

Continuous or Intermittent (C/I)?	N/A	<b>Seasonal Variation</b> Check box if none: <input checked="" type="checkbox"/> Otherwise estimate seasonal variation:	
Minutes per hour:		Winter Percent	
Hours per day:		Spring Percent	
Days per week:		Summer Percent	
Weeks per year:		Fall Percent	

**4. Emission Point Information**

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

- |   |              |  |  |
|---|--------------|--|--|
| <input type="checkbox"/> None                               |              | <input type="checkbox"/> Thermal Oxidizer          | No. _____                              |
| <input type="checkbox"/> Baghouse                           | No. _____    | <input type="checkbox"/> Regenerative              |  |
| <input type="checkbox"/> Cyclone                            | No. _____    | <input type="checkbox"/> Catalytic Oxidizer        | No. _____                              |
| <input type="checkbox"/> Elec. Precipitator (ESP)           | No. _____    | <input type="checkbox"/> Nitrogen Oxides Reduction | No. _____                              |
| <input checked="" type="checkbox"/> Dust Suppression System | No. <u>1</u> | <input type="checkbox"/> Selective                 | <input type="checkbox"/> Non-Selective |
| <input type="checkbox"/> Venturi Scrubber                   | No. _____    | <input type="checkbox"/> Catalytic                 | <input type="checkbox"/> Non-Catalytic |
| <input type="checkbox"/> Spray Tower/Packed Bed             | No. _____    | <input type="checkbox"/> Other                     | No. _____                              |
| <input type="checkbox"/> Carbon Adsorber                    | No. _____    | Specify:   |  |
| <input type="checkbox"/> Cartridge/Canister                 |              |  |  |
| <input type="checkbox"/> Regenerative                       |              |  |  |



**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)	N/A			
Particulate Matter (filterable as PM2.5)	N/A			
Particulate Matter (condensables)	N/A			
Volatile Organic Compounds (VOC)	N/A			
Oxides of Sulfur (SOx)	N/A			
Oxides of Nitrogen (NOx)	N/A			
Carbon Monoxide (CO)	N/A			
Lead (Pb)	N/A			
Greenhouse Gases (GHG)	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)
Carbon Dioxide (CO <sub>2</sub> )	N/A			
Methane (CH <sub>4</sub> )	N/A			
Nitrous Oxide (N <sub>2</sub> O)	N/A			
Hydrofluorocarbons (HFCs)	N/A			
Perfluorocarbons (PFCs)	N/A			
Sulfur Hexafluoride (SF <sub>6</sub> )	N/A			
Total GHG (as CO <sub>2</sub> e)	N/A			
List individual federal Hazardous Air Pollutants (HAP) below:	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)
N/A				

(Attach additional sheets as necessary.)



MARYLAND DEPARTMENT OF THE ENVIRONMENT  
Air and Radiation Management Administration / Air Quality Permits Program  
1800 Washington Boulevard, STE 720 Baltimore, MD 21230-1720  
(410) 537-3230 • 1-800-633-6101 • [www.mde.state.md.us](http://www.mde.state.md.us)

*Mail application to*

**MDE/ARMA**  
**1800 Washington Blvd, Suite 720**  
**Baltimore, MD 21230-1720**

*Don't forget to:*

- ✓ Sign the application
- ✓ Include vendor literature

Air Quality Permit to Construct & Registration Application for  
**INTERNAL COMBUSTION ENGINES**  
(Electrical Power Generators, Power Equipment, Fire Protection Pumps)

**1) Applicability**

You must check off one the following items to use this application form

- Electrical power generation (off grid, base load, peak, load shaving,, etc)
  - Use MDE Form 42 for emergency use only generators
- Power equipment (hydraulic, mechanical, etc)
- Fire protection pump

*For electrical power generators only, you must check off one the following items to use this application form*

- I have a CPCN Exemption from the Public Service Commission for this generator  
(contact the Public Service Commission at 410.767.8131)
- This generator was installed before October 1, 2001 and I do not need a CPCN Exemption

**2) Business/Institution/Facility where the engine will be located**

Check if this is a federal facility

Name: Talbot County Repurposing Center Phone: 410-690-8904  
Street Address: 28128 St. Michaels Road  
City: Easton State: MD Zip Code: 21601 County: Talbot

**3) Owner/Operator of the engine (if different than above)**

Name: Talbot County Government Phone: 410-770-8150  
Mailing Address: 605 Port Street  
City: Easton State: MD Zip Code: 21601

**4) Installer**  Check if installer is applying for permit. If checked, complete the following:

Name: Talbot County Government Phone: 410-770-8150  
Mailing Address: 605 Port Street  
City: Easton State: MD Zip Code: 21601



5) Engine Information

<u>01/15/2020</u>	<u>John Deere</u>	<u>225</u>	<u>        </u>	<u>Diesel</u>
<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>
<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>
Installation Date	Engine Manufacturer & Model	Horsepower	Manufacture Date	Fuel Type

6) Operating Information

Intended use description: (Examples, "a portable generator at a construction site" or "peak shaving with the emergency generator", etc)  
Crushing/Screening of materials for repurposing.

<u>6</u>	<u>300</u>
Hours per day	Hours per year

7) Required Attachments


- (Check that they are attached)
- Vendor literature
  - CPCN Exemption from the Public Service Commission
    - Electrical generators only
    - Not needed for generators installed before October 1, 2001

8) Workers Compensation (Environmental article §1-202)

Workers insurance policy or binder number: Chesapeake Employers Ins. Co. - Policy #3810100

Check if self employed or otherwise exempt from this requirement

"I CERTIFY UNDER PENALTY OF LAW THAT THE INFORMATION SUBMITTED IN THIS REQUEST FOR COVERAGE 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."

	Warren W. Edwards, Jr. - Superintendent
Owners Signature	Printed Name & Title <u>Warren W. Edwards, Jr. Superintendent</u> Date <u>6/15/22</u>

**LEAVE BLANK, MDE use only**

Permit

Registration (Less than 1,000 brake horsepower & installed prior to 11/24/03)

Permit/Registration Number:          -          -          -         

AI:         

Emissions Stack

<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>
Fugitive	SOx	Nox	CO	VOC	PM
					PM-10



# MAXIMUM POWER

## RM 90GO! - BEST OF RECYCLING AND CRUSHING

Capacity	Up to 200 TPH, depending on material
Inlet opening	34" x 26"   860 x 650 mm
Fuel consumption	Approx. 5 GPH   19 l/h
Crusher unit	Adjustable speed control, 4-bar impact rotor, direct drive
Operation	One-man radio remote controlled operation
Feed unit	Asymmetric Hardox 3.4 yd <sup>3</sup> vibro feeder Feed control system for automatic crusher load-dependent conveying
Power unit	225 HP John Deere (TIER 3), 4 cylinders 225 HP John Deere (TIER 4F), 4 cylinders Diesel-electric, 40 kVA 400V gen-set with external outlets for additional plug-on equipment.
Prescreening	41" x 31" prescreen grizzly with output to main discharge conveyor or via optional side discharge belt
Weight incl. attachment	Approx. 62,500 lbs.   28,400 kg
Screen attachment	8' x 4' single deck mesh screen, 2 sections includes hydraulic folding return conveyor for 90° stockpiling or recirculating of oversize material (closed circuit). Weight 10,200 lbs.   4,600 kg



Dust Suppression



Magnetic Separator



Hammer Changing Device



Remote Release System



Remote Operated



Track and Crush



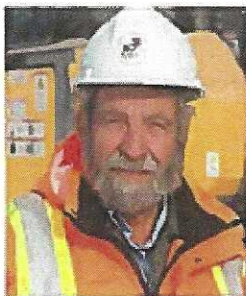
Engine Compartment Light



Factory Direct Training



Lifetime Customer Support



"I like the machine's compact size, low noise level, and most of all, its ability to produce three-quarters-minus product in one pass. We can process all of our own concrete, asphalt, brick, block and rock and make a three-quarters-minus usable product without having to leave a job site."

- Alfred L, paving contractor







**Proposed Roads Department Recycling Facility**  
 Revised 1/8/2020



**INSURER:**  
Chesapeake Employers' Insurance Company  
8722 Loch Raven Boulevard  
Towson, Maryland 21286-2235

**POLICY NO:** 3810100  
- RT  
**Renewal Of:** 3810100  
**NCCI Company No:** 61023  
**Account No:**

**ITEM 1. NAMED INSURED AND MAILING ADDRESS:**  
TALBOT COUNTY MARYLAND  
ATTN: KIM FERULLO  
11 N WASHINGTON ST  
EASTON MD 21601

**PRODUCER NAME AND ADDRESS:**  
AVON DIXON AN ALERA GROUP AGENCY LLC  
28640 MARYS CT SUITE 100  
EASTON MD 21601-7742

**PRODUCER NO.:** 30143

**LEGAL ENTITY:** GOVERNMENT ENTITY

**OTHER WORKPLACES NOT SHOWN ABOVE:** (See Workers Compensation Classification Schedule)

**ITEM 2. POLICY PERIOD:** From: 07-01-2021 To: 07-01-2022  
Effective 12:01 A.M. Standard Time at the Insured's mailing address.

**ITEM 3. COVERAGE:**

A. **Workers Compensation Insurance:** Part One of the policy applies to the Workers Compensation Law of the states listed here:  
MD

B. **Employers' Liability Insurance:** Part Two of the policy applies to work in each state listed in Item 3.A. The limits of liability under Part Two are:

Bodily Injury by Accident:	\$	100,000	each accident
Bodily Injury by Disease:	\$	500,000	policy limit
Bodily Injury by Disease:	\$	100,000	each employee

C. **Other States Insurance:** Part Three of the policy applies to the states, if any, listed here:  
NONE

D. This Policy includes these Endorsements and Schedules:  
See Schedule of Forms and Endorsements.

**ITEM 4. PREMIUM:** The premium for this Policy will be determined by our Manuals of Rules, Classifications, Rates and Rating Plans. All information required on the Workers Compensation Classification Schedule is subject to verification and change by audit.

		Total Estimated	
Minimum Premium: \$	780	Annual Premium: \$	618,320
Audit Period:	Annual		

Issued At:  
Date: 07-02-21

Countersigned by 



Talbot County Department of Planning and Zoning  
215 Bay Street, Suite 2  
Easton, Maryland 21601

Phone: 410-770-8030  
Email: [msalinas@talbotcountymd.gov](mailto:msalinas@talbotcountymd.gov)

FAX: 410-770-8043  
TTY: 410-822-8735

June 10, 2022

Warren W. Edwards, Jr.  
Superintendent  
Talbot County Roads Department  
605 Port Street  
Easton, Maryland 21601

RE: Confirmation of RM 90GO! Mobile Crusher

Dear Mr. Warren:

I understand you will be using a mobile crusher, model RM 90GO!, at the repurposing facility site. This letter is confirmation that the use of the referenced equipment on the site is permissible and in conformance with the active use permits T-20-001 and T-21-011.

Please let me know if you have any further questions.

Sincerely,

Michael "Miguel" Salinas  
Talbot County Planning Officer