

DETROIT ASSEMBLY COMPLEX - MACK

NEIGHBORHOOD ADVISORY COUNCIL UPDATE

DECEMBER 15, 2021



CONSTRUCTION UPDATE

Ron Stallworth







Production began in March



ENVIRONMENTAL UPDATE

Al Johnston - Corporate Environmental Programs





ENVIRONMENTAL CONCERNS IN THE COMMUNITY

- Community Odor Concerns
- Facility Emissions Control
- Odor Mitigation Plan
- Community Hotline



Mack Assembly Community Hotline

Your voice matters! Stellantis has established a toll-free community hotline to address concerns related to potential odors from our local operation.

Call (833) 310-2313

Operators will answer calls weekdays from 8 a.m. to 6 p.m. Outside of these hours and on weekends, calls will go to a voicemail system, which will automatically send an email to our team to indicate that a message has been left.

Whether talking to an operator or leaving a message, it is important to provide as much information about the issue as possible, such as:

- · When did you smell the odor?
- · What does the odor smell like to you?
- Where were you located when you smelled the odor (street address or cross streets)?
- How long did you smell it and did it come and go?
- Did you notice any specific activities at the site while you smelled the odor?
- What were the weather conditions at the time you smelled the odor?

Call toll-free (833) 310-2313

With your help, we can take actions as necessary to keep the community enjoyable.

ENVIRONMENTAL UPDATE - Community Update



Community Update on Addressing Resident Concerns

First of all, we take full responsibility and are working to quickly address the concerns that have been raised about our Mack plant.

We are taking these issues very seriously and our plant continues to be in compliance with the allowed emissions limits. We are committed to operating our new facility in accordance with the air permit requirements and to share the steps we are taking to address these issues.

- **1. Ducting:** We use ducts to route exhaust gases from the painting processes to emissions control equipment or stacks on the roof. We have identified a zone in the primer painting process where the exhaust is to be routed to the emission control system, and it currently is not. We are quickly working to correct that issue, and committed to the State that it would be **completed by the end of this year**, just a couple of weeks from now. We are on track to complete that on time.
- **2. Odors:** We are actively working with multiple specialty engineering firms who have odor investigation, dispersion modeling, and mitigation expertise, to collect and analyze data and determine the most effective strategies to prevent the migration of odors.

So far, we have taken several actions to address-potential odor sources. These included increasing monitoring activities, with team members walking the property line several times daily to track and record conditions; ensuring that building entries are secured to prevent odors from getting out; and enhancing paint process equipment to ensure that we maintain proper operational balance.

3. Toll-free Hotline: We have established a toll-free community hotline number -- **(833) 310-2313** -- where concerns about potential odors can be reported to Stellantis so that we can investigate promptly.

We are confident these issues will be corrected and will continue to work with EGLE to ensure compliance with the terms of our air permit. We will keep you updated on our progress.



Air Monitoring Station

- Collects data continuously for Particulate Matter less than 2.5 micron (PM 2.5), and Nitrogen Oxides (NOx)
 - Both important indicators of air quality
- Meteorological data
- Sampling, testing of VOCs monthly March through October

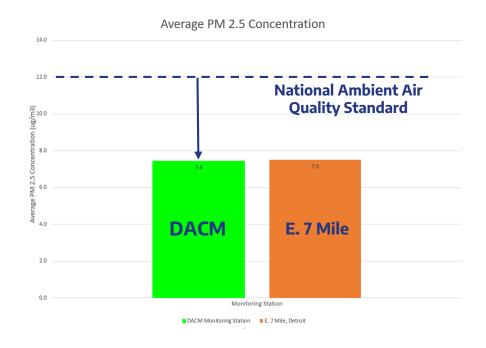




Particulate Matter (PM 2.5)

Average readings at DACM Station, compared to data from the EGLE East 7 Mile Station, and the National Ambient Air Quality Standard (NAAQS)

- Concentrations consistent between two stations
- Local air quality meets NAAQS

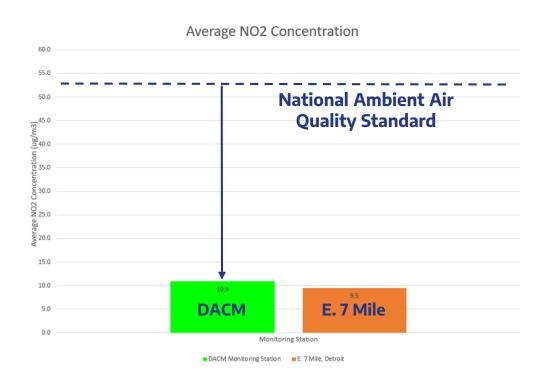




Nitrogen Dioxide (NO2)

Average readings at DACM Station, compared to data from the EGLE East 7 Mile Station, and the National Ambient Air Quality Standard (NAAQS)

- Concentrations consistent between two stations
- Local air quality meets NAAOS



Air quality around Mack is very similar to air quality around the East Seven Mile Station



Volatile Organic Compounds (VOCs)

- Periodic testing for Volatile Organic Compounds (VOCs)
- 24-hour samples collected once a month from March 1st to October 31st (Ozone Season in Michigan)
- Measurements taken following US EPA Method TO-15
- Sent to an accredited laboratory for analysis for <u>TO-15</u> compounds
- Information provided to the state quarterly



Stellantis will release this information to the public quarterly in the community newsletter!

ALS Waterloo Routine TO-15 Canister Scan VOC RLs

Parameter Bynotym		lister scall voc ItEs		
ACETONE 3-propagation	Parameter	Parameter Synonym		
ACETONE 3-choropropen 0.6 1.19 ALUTY CHUORIDE 3-chloropropen 0.2 0.48 BENZENE Detizene 0.2 0.44 BENZYL CHUORIDE Chloromethyloerapine 0.2 0.48 BENZYL CHUORIDE Chloromethyloerapine 0.2 1.3 BROMOFORM Bromodichioromethane 0.2 1.3 BROMOFORM Bromodichioromethane 0.2 0.78 BROMOFORM Bromodichioromethane 0.2 0.78 BROMOFORM Bromodichioromethane 0.2 0.78 BROMOMETHANIE Bromodichioromethane 0.2 0.78 BROMOFORM Bromodichioromethane 0.2 0.78 CARBON TETRACHLORIDE Carbon Disulfide 0.2 0.42 CARBON TETRACHLORIDE Carbon Disulfide 0.2 0.42 CARBON TETRACHLORIDE Carbon Disulfide 0.2 0.42 CARBON TETRACHLORIDE Chloropethane 0.2 0.42 CHUCRODERACH Chloropethane 0.2 0.42 CHUCRODERACH Chloropethane 0.2 0.42 CHUCRODERACH Chloropethane 0.2 0.43 CHUCRODERHANIE Chloropethane 0.2 0.43 CHUCRODERHANIE Chloropethane 0.2 0.41 CHUCRODERYEANE 1,3-Ochtoropethane 0.2 0.41 CHUCRODERYEANE 1,3-Ochtoropethane 0.2 1.6 1,3-OliCHUCRODERYEANE 1,3-Ochtoropethane 0.2 1.6 1,3-OCHUCRODERYEANE 1,3-Ochtoropethane 0.2 1.2 1,3-OCHUCRODERYEANE 1,3-Ochtoropethane 0.2 1.2 1,3-OCHUCRODERYEANE 1,3-Ochtoropethane 0.2 0.41 1,3-OCHUCRODERYEANE 1,3-OCHUCRO				
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BENZYL CHLORIDE				
BENZYL CHLORIDE				
BROMOFORM				0.64
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1.3-BUTADIENE				
CARBON DISULFIDE Carbon Disulfide 0.2 0.42				
CARBON TETRACHLORIDE				
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CHLORODIBROMOMETHANE				
CHLOROFETHANE				
DELOGROGISTANE				
DELICROMETHANE				
CYCLOMEXANE Occiderane 0.2 0.88 LOGIBROMOSTHANE chipter dibromide 0.2 1.5 LOGICH, ORGBENZENE 1.2-OICH, ORGBENZENE 1.2-OICH, ORGBENZENE 0.2 1.2 1.3-OICH, ORGBENZENE 1.3-OICH, ORGBENZENE 0.2 1.2 1.4-OICH, ORGBENZENE 1.4-OICH, ORGBENZENE 0.2 1.2 1.4-OICH, ORGBENZENE 1.4-OICH, ORGBENZENE 0.2 0.3 1.1-OICH, ORGBENZENE 1.4-OICH, ORGBENZENE 0.2 0.3 1.1-OICH, ORGBENZENE 1.1-OICH, ORGBENZENE 0.2 0.3 1.1-OICH, ORGBENZENE 1.1-OICH, ORGBENZENE 0.2 0.3 1.1-OICH, ORGBENZENE 1.1-OICH, ORGBENZENE 0.2 0.7 1.1-OICH, ORGBENZENE 1.1-OICH, ORGBENZENE 0.2 0.7 1.2-OICH, ORGBENZENE 1.1-OICH, ORGBENZENE 0.2 0.7 1.2-OICH, ORGBENZENE 1.2-OICH, ORGBENZENE 0.2 0.2 1.2-OICH, ORGBENZENE 1.2-OICH, ORGBENZENE 0.2 0.2 1.2-OICH, ORGBENZENE 1.2-OICH, ORGBENZENE 0.2 <t< td=""><td></td><td></td><td></td><td></td></t<>				
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1,3-OlchLOROBENZENE				
1.4-OlchLOROBENZENE				
DICHLORODIFLOROMETHANE				
1.1-DICH.GROSTTANNE				
1.2-OlichicoRotTHANE				
1.1-01CHCROGETHENE	1,1-DICHLOROETHANE			
CID-1_2-CICINLORGETHINE				
TRANSO-1-DOICHCORDETIENE trans-1-DOICHCORDETIENE 0.2 0.39 DOICHCORDETIENE methylene chronide 0.2 0.82 1_2010HLOROEROPANE prosystent dichloride 0.2 0.82 0.001-3-OHOLOROEROPROPINE (bit-1-OHOLOROEROPROPINE 0.2 0.72 TRANSO-1-DOICHCOROEROPENE trans-1-3-OHOLOROEROPROPINE 0.2 0.72 ETHYLAGETATE Ethyl acetale 0.2 0.72 ETHYLAGETATE Ethyl acetale 0.2 0.72 ETHYLOLUSINE 1-thylvi-indehyldenzene 0.2 0.88 HEYANE n-Hosbane 0.2 0.2 HEXANE n-Hosbane 0.2 0.2 HEXANE n-Hexanicovusidene 0.2 0.7 HEXANE n-Hexanicovusidene 0.2 0.7 HEXANE n-Hexanicovusidene 0.2 0.81 HEXANE n-Hexanicovusidene 0.2 0.7 SOPROPYLALOCHOL Portopanol Tipopropanol 1 2.4 METHYLIDOBUTTA RETONE 4-methyl-spentanone 0.2 0.49 METHYLIDOBUTTA RETONE 4-methyl-spentanone 0.2 0.49 MITHYLIDOBUTTA RETONE 4-methyl-spentanone 0.2 0.49 <td></td> <td></td> <td></td> <td></td>				
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GID-13-DICHLORGOPROPENE GID-13-DICHNORGOPENE 0.2 0.81		methylene chloride		
TRANSO-1,DOICHLOROPROPENE trans-1,3-0ichropropone 0.2 0.31 LA-OldXANE 0.2 0.72 ETHYLOLUSINE Ethylocetate 0.2 0.72 EHYLOLUSINE Ethylocetate 0.2 0.88 HETANE 1-thylocetate 0.2 0.88 HEYLORUSINE 1-thylocetate 0.2 0.89 HEXANE n-hobbane 0.2 0.2 2.1 HEXANE hexachicorousadene 0.2 2.2 1 HEXANE nethyloutylistone 1 4.1 1 SOCOTANE 2.2-4-Imethylorelanae 0.2 0.2 2.2 METHYLIDOBUTT, KETONE 2-cotranone 0.2 0.4 0.2 0.2 0.2 METHYLIDOBUTT, KETONE 4-methyl-pentanone 0.2 0.4 0.2 <t< td=""><td>1,2-DICHLOROPROPANE</td><td></td><td></td><td></td></t<>	1,2-DICHLOROPROPANE			
1.4-DIDIXANE	CIS-1,3-DICHLOROPROPENE			
### ETHYLAGETATE ### ETHY acetate 0.2 0.72 ####################################	TRANS-1,3-DICHLOROPROPENE	trans-1,3-Dichloropropene	0.2	0.91
### THYLENZINE				
######################################		Ethyl acetate		
HEPTANE		Ethyl benzene		
HEXACH-COROUTADIENE		1-ethyl-4-methylbenzene		
HEXANE		n-Heptane		
2-HEXANONE				
		n-Hexane	0.2	0.7
SOPROPYLALCOHOL 2-prepared 1 2-48	2-HEXANONE		1	
SOPROPYLALOCHOL Sproagnol 1 2.48		2.2.4-trimethylpentane		
METHYL IDOBUTTL RETONE		2-propanol / Isopropanol	1	
MITHYL-TERT-BUTTLETHER	METHYL ETHYL KETONE	2-butanone	0.2	0.69
PROPYLENE		4-methyl-2-pentanone		
STYRENE 0.2 chee 0.2 0.46	METHYL-TERT-BUTYL ETHER	MTBE	0.2	0.72
1.1.2.7*EFRACHLOROETHANE		propene	0.2	
TETRACHLOROETHINE	STYRENE	Otyrene		
TETRANYOROFURAN	1,1,2,2-TETRACHLOROETHANE	1.1,2,2-Tetrachioroethane	0.2	1.4
TOULENE Tourne 0.2 0.76	TETRACHLOROETHENE	perchloroethylene	0.2	1.4
1,2-TRICHLOROS_1,2-TRIFLUGROETHANE		1,4-epoxybutane		
1,2.4-TRICHLOROGENZENE	TOLUENE	Toluene	0.2	0.76
1.1.1-Trichiordentane 0.2 1.1 1.1.2-TRICHIOROGITHANE 1.1.2-Trichiordentane 0.2 1.1 1.1.2-TRICHIOROGITHANE 1.1.2-Trichiordentane 0.2 1.1 TRICHIOROGITHANE Trichiordentane 0.2 1.1 TRICHIOROGITHANE Trichiordentane 0.2 1.1 1.1.2-TERMARUUGROUITHANE Freen 1.1 0.2 1.4 1.1.2-TERMARUUGROUITHANE 1.2.4-TRIMENTHISENZENE 0.2 0.8 1.3.5-TRIMETHYLEENZENE 1.3.5-TRIMETHYLEENZENE 0.4 0.8 1.3.5-TRIMETHYLEENZENE 0.5 1.3.5-TRIMETHYLEENZENE 0	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	Freon 113	0.2	1.6
1,1,2-TEICHLOROGITHANE		1,2,4-Trichlorobenzene		
TRICHLOROETHENE	1,1,1-TRICHLOROETHANE	1,1,1-Trichioroethane	0.2	1.1
TRICHLOROFILUGROMETHANE Freen 11 0.2 1.1 1.2.2-TERRALUGRO-1.2-JOICHLOROETHANE Freen 11 0.2 1.4 1.2.4-TERRALUGRO-1.2-JOICHLOROETHANE 1.2.4-Temethyloenzene 0.2 0.88 1.3.5-TRIMETHYLBENZENE 1.3.5-Temethyloenzene 0.2 0.88 1.3.5-TRIMETHYLBENZENE 1.3.5-Temethyloenzene 0.2 0.88 1.3.5-TRIMETHYLBENZENE Viryl screbate 0.4 1.8 VIRYL SERGMODE Viryl tomide 0.2 0.47 VIRYL CHLORIDE Viryl chroride 0.2 0.47 VIRYL CHLORIDE Viryl tomide 0.2 0.47 VIRYL CHLORIDE Viryl tomide 0.4 0.47 VIRYL CHLORIDE Majorylane 0.4 0.47 VIRYL CHLORIDE VIRYLANDE VIRYLAND	1,1,2-TRICHLOROETHANE	1,1,2-Trichloroethane	0.2	1.1
TRICHLOROFILUGROMETHANE Freen 11 0.2 1.1 1.2.2-TETRALUGRO-1.2-JOICHLOROETHANE Freen 114 0.2 1.4 1.2.4-TERMETHYLEENZENE 1.2.4-Temethyleenzene 0.2 0.88 1.2.4-TEMETHYLEENZENE 1.3.5-TEMETHYLEENZENE 0.2 0.88 1.3.5-TEMETHYLEENZENE Viny toestate 0.5 1.8 VINYL AGETATE Viny toestate 0.5 0.87 VINYL GHORIDE Viny toestate 0.2 0.47 VINYL CHLORIDE Viny toestate 0.2 0.47 VINYL CHLORIDE Viny toestate 0.2 0.47 VINYL CHLORIDE VINYL CHLORIDE 0.4 0.47 VINYL CHLORIDE Majorities 0.4 0.47 VINYL CHLORIDE VINYL CHLORIDE 0.4 0.47 VINYL CH		Trichloroethylene		1.1
1,2.4-TRIMETHYLBENZENE	TRICHLOROFLUOROMETHANE	Freon 11	0.2	1.1
1.3.9-TRIMETHYLBENZENE	1,1,2,2-TETRAFLUORO-1,2,-DICHLOROETHANE	Freon 114	0.2	1.4
1.3.5-TRIMETHYLBENZENE	1,2,4-TRIMETHYLBENZENE	1,2,4-Trimethylbenzene	0.2	0.98
VINTLACETATE Virty acetate 0.6 1.8 VINTL BROWNE 9.2 9.87 VINTL CHLORIDE Vinyl chloride 0.2 0.61 ORTHO-KYLENE 0-Xylene 0.2 0.87 MP-XYLENE0 m8p-Xylene 0.4 1.7		1,3,5-Trimethylbenzene		0.98
VINTL BROMDE Viny bromite 0.2 0.87 VINTL CHLORIDE Viny Lincinie 0.2 0.61 ORTHO-SYLENE O-Vylene 0.2 0.47 M-P-XYLENE Mg-Xylene 0.4 1.7 M-P-XYLENE Mg-Xylene 0.4 1.7	VINYL ACETATE	Vinyl acetate	0,6	1.8
VINYL CHLORIDE Vinyl chloride 0.2 0.61 ORTHO-XYLENE 0-Xylene 0.2 0.87 MAP-XYLENEO mSp-Xylene 0.4 1.7	VINYL BROMIDE		0.2	0.87
ORTHO-XYLENE o-Xylene 0.2 0.87 M+P-XYLENE0 m8p-Xylene 0.4 1.7				
M+P-XYLENEO map-Xylene 0.4 1.7				
	M+P-XYLENEO		0,4	1.7
			1	



Volatile Organic Compounds (VOCs)

Analytes detected at the DACM ambient air monitoring station during monthly sampling events from March through September 2021.

- All well below screening levels
- All commonly found in the air

Results from DACM

		Maximum Concentration	Mich. Air Toxics Screening Level	
Concentrations: 24-hr Avg*		ug/m3	ug/m3	
Chemical CAS #				
Acetone	67-64-1	151	5000 (1)	
Benzene	71-43-2	0.76	30 (1)	
Choromethane	74-87-3	1.19	90 (1)	
Dichlorodifluoromethane	75-71-8	2.19	330 (1)	
n-Hexane	110-54.3	74.7	700 (1)	
Methyl Ethyl Ketone	78-93-3	1.47	5000 (3)	
Propylene	115-07-1	0.38	8600 (2)	
Toluene	108-88-3	5.15	5000 (3)	
Trichloroethylene	79-01-6	1.10	2 (3)	
Trichlorofluoromethane	75-69-4	1.2	130 (1)	
m/p Xylene	106-42-3/	1.90	390 (1)	

Footnotes: Applicable averaging time (1) Annual, (2) 8 hour, (3) 24 hour.



EPA Mobile Lab Transect Results from Samples Collected Nov 16 - 17, 2021



Figure 1: Mobile transect (blue path) driven in Detroit, MI around the Stellantis - Mack Assembly plant

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MOBILE MEASUREMENTS -	H₂S	CH₄	BEN	TOL	XYP	
NOVEMBER 16-17, 2021	(PPB)	(PPM)	(PPB)	(PPB)	(PPB)	FIGURE
ATSDR ACUTE (≤14 DAY) MRL	70	-	9	2000	2000	
TSDR INTERMEDIATE (15-364 DAYS)	20	-	6	_	600	
MRL						
ATSDR CHRONIC (≥365 DAYS) MRL	-	-	3	1000	50	
GMAP MDL	7.86	0.00	4.80	3.69	4.05	
GMAP RL	23.58	0.00	24.00	18.45	20.25	
		max 1-se	ond conce	entration		-
STELLANTIS211116_MA01	<rl< td=""><td>5.38</td><td><mdl< td=""><td><rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<></td></mdl<></td></rl<>	5.38	<mdl< td=""><td><rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<></td></mdl<>	<rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<>	<rl< td=""><td>NA</td></rl<>	NA
STELLANTIS211116_MA02	<rl< td=""><td>3.49</td><td><rl< td=""><td><rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<></td></rl<></td></rl<>	3.49	<rl< td=""><td><rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<></td></rl<>	<rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<>	<rl< td=""><td>NA</td></rl<>	NA
STELLANTIS211116_MA03	<rl< td=""><td>7.28</td><td><mdl< td=""><td><rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<></td></mdl<></td></rl<>	7.28	<mdl< td=""><td><rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<></td></mdl<>	<rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<>	<rl< td=""><td>NA</td></rl<>	NA
STELLANTIS211116_MA04	<rl< td=""><td>2.64</td><td><mdl< td=""><td><rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<></td></mdl<></td></rl<>	2.64	<mdl< td=""><td><rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<></td></mdl<>	<rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<>	<rl< td=""><td>NA</td></rl<>	NA
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STELLANTIS211116_MA06	<rl< td=""><td>2.62</td><td><mdl< td=""><td><rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<></td></mdl<></td></rl<>	2.62	<mdl< td=""><td><rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<></td></mdl<>	<rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<>	<rl< td=""><td>NA</td></rl<>	NA
STELLANTIS211116_MA07	<rl< td=""><td>2.89</td><td><mdl< td=""><td><rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<></td></mdl<></td></rl<>	2.89	<mdl< td=""><td><rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<></td></mdl<>	<rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<>	<rl< td=""><td>NA</td></rl<>	NA
STELLANTIS211116_MA08	<rl< td=""><td>2.99</td><td><mdl< td=""><td><rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<></td></mdl<></td></rl<>	2.99	<mdl< td=""><td><rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<></td></mdl<>	<rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<>	<rl< td=""><td>NA</td></rl<>	NA
STELLANTIS211116_MA09	<rl< td=""><td>2.75</td><td><mdl< td=""><td><rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<></td></mdl<></td></rl<>	2.75	<mdl< td=""><td><rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<></td></mdl<>	<rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<>	<rl< td=""><td>NA</td></rl<>	NA
STELLANTIS211116_MA10	<rl< td=""><td>2.3</td><td><mdl< td=""><td><rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<></td></mdl<></td></rl<>	2.3	<mdl< td=""><td><rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<></td></mdl<>	<rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<>	<rl< td=""><td>NA</td></rl<>	NA
STELLANTIS211116_MA11	<rl< td=""><td>2.7</td><td><mdl< td=""><td><rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<></td></mdl<></td></rl<>	2.7	<mdl< td=""><td><rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<></td></mdl<>	<rl< td=""><td><rl< td=""><td>NA</td></rl<></td></rl<>	<rl< td=""><td>NA</td></rl<>	NA
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1. Maximum one-second concentrations and	corresponding	figure nun	nhore from	mobile tr	ancorte are	und the Stella

Table 1: Maximum one-second concentrations and corresponding figure numbers from mobile transects around the Stellantis – Mack Assembly plant in Detroit, MI; November 16 - 17, 2021

[&]quot;<" indicates that the constituent was not detected in the sample.



EPA VOC Sample Collection Locations

24 hour air samples



Figure 2: Locations of canister sampling around Stellantis – Mack Assembly plant

ENVIRONMENTAL UPDATE - Attainment Zone Redesignation



November 2021 - EGLE Request for Redesignation of Southeast Michigan to Attainment for the 2015 Ozone National Ambient Air Quality Standard

Chart 5. Southeast Michigan Point Source* VOC Emissions.

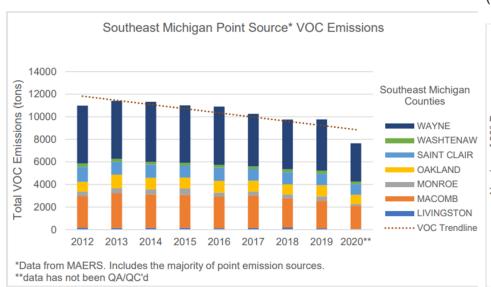
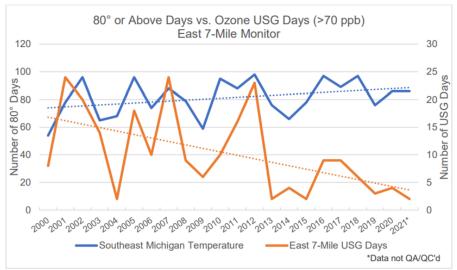


Chart 3a. Southeast Michigan Days of 80° or Above vs. Ozone USG Days (East 7-Mile).



USG - Unhealthy for Sensitive Groups

Graphs From EGLE AQD Request for Redesignation to Attainment for the 2015 Ozone National Ambient Air Quality Standard and Revision to Michigan's State Implementation Plan and Ozone Maintenance Plan for Southeast Michigan Ozone Nonattainment Area, November 2021.

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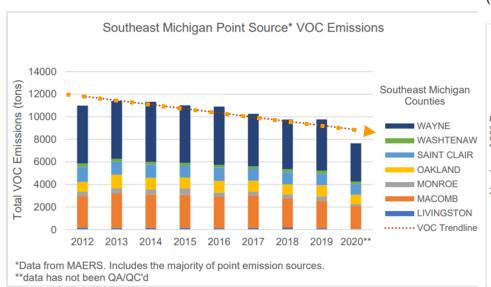
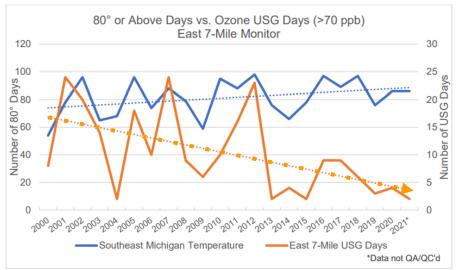


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IN CONCLUSION:

- Data demonstrates that the <u>air in the community is safe</u>.
- We share the community's concerns regarding odors and are <u>actively</u> working to fix them.
- We are committed to being a good neighbor to the community.

★ Check the Stellantis4Detroit website for the latest information



COMMUNITY BENEFITS UPDATE



PROGRAMS	STELLANTIS COMMITMENT	STELLANTIS CONTRIBUTIONS TO DATE	STATUS
 Workforce and Training Stellantis will partner with Detroit at Work to support hiring related to recruiting, pre-screening and vetting related to production jobs Stellantis will provide work readiness training State incentives for DESC training program in Detroit 	\$5.8M	\$5.8M	COMPLETED
 Manufacturing Career Academy at Southeastern High School DPSCD facility investment for career and technical education Adult and youth training programs in advanced manufacturing Partner with Wayne County Community College District to launch Automotive Manufacturing Program in Mechatronics in 2022 	\$4M	\$2.75M	ON TRACK
 For the state of the City of Detroit Home Repair Grants \$15,000 grant to invest in and repair residents homes (administered by the City of Detroit) 	\$1.8M	\$1.8M	COMPLETED
 Neighborhood Improvement Community directed projects (administered by the City of Detroit) 	\$.8M	\$.8M	COMPLETED
 Construction Mitigation Stormwater, traffic, vegetative buffer, landscaping, trees, murals and community beautification 	\$1.4M	\$1.4M	COMPLETED

Total

\$13.8M



COMMUNITY BENEFITS UPDATE







Stellantis launched a 24-hour hotline 1-800-REPORT-9 (737-6789) in August 2019

- Since January 1, 2021, FCA Transport has logged 16 incidents with zero occurring in or around the neighborhood surrounding the Detroit Assembly Complex
- **Zero** incidents have been called into the Safety-Alert line regarding non-FCA Transport vehicle traffic issues
- Stellantis Logistics team requires truck traffic to use
 Conner and Jefferson to avoid residential streets

Reduce our carbon footprint: FCA partners with **SmartWay**® to help the industry **reduce the carbon footprint** of our transport fleet as well as our suppliers' trucks.

 FCA truck fleet (CNG) is in the 2nd best category for Nitrogen and Particulate Matter emissions performance (Grams per Ton-Mile)



COMMUNITY BENEFITS UPDATE: Traffic Calming & Community Feedback





Supplier: Universal Logistics

Employees (Hourly): 993 Employees (Salary): 75

Detroit Residence: 446 (42%)





COMMUNITY BENEFITS UPDATE







IMPACT NEIGHBORHOOD FUND

Stellantis has completed its investment requirement with a **total contribution of \$800,000 (\$400K in 2020 and 2021)** to support projects in Chandler Park, West End and Riverbend neighborhoods.

Funds are held at Invest Detroit and City of Detroit will work with residents to identify projects and programs that are important to the community.

HOUSING IMPROVEMENTS

Stellantis has completed its investment requirement with a **total contribution of \$1,800,000 (\$900K in 2019 and 2020)** to support home renovation grants in the neighborhoods around the plant.

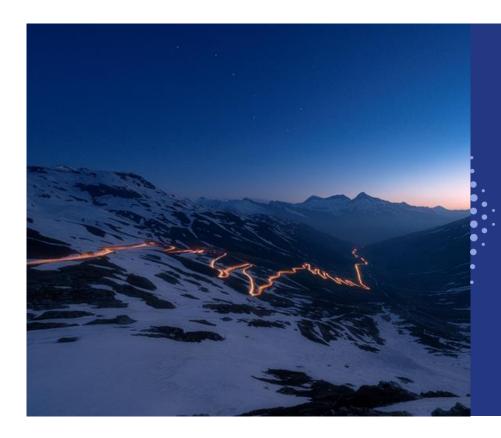




COMMUNITY BENEFITS UPDATE







STORMWATER PARK

VEGETATIVE BUFFER, LANDSCAPING AND TREES

MURAL UPDATE

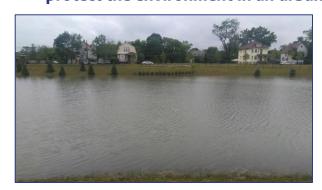


GREEN INFRASTRUCTURE & EDUCATION

The stormwater retention pond has proven to be extremely beneficial this year by helping to keep a significant volume of stormwater out of the city system during heavy rain events.

- The pond has a capacity of ~3 million gallons for any single rain event, storing the equivalent of a 100-year storm
- The pond collects an average of ~31 million gallons of rainfall per year
- Throughout the site, other stormwater detention and pre-treatment facilities are in place to treat collected stormwater for use at the facility, which reduces the amount of stormwater discharged and the amount of water required for the site.

The stormwater park educational trail and pavilion are nearing completion. This space will offer a unique opportunity for the community to walk and relax in a park-like setting, while learning about how we can all protect the environment in an urban area.







COMMUNITY BENEFITS UPDATE: Vegetative Buffer, Landscaping & Trees



We have expanded tree cover and enhanced the green buffer, air filtration and stormwater management by **planting 600 trees** on plant property





Stellantis has been working with the City of Detroit's Department of Arts and Culture to coordinate completion of the murals

- Stellantis will engage local artists to install murals on the walls separating the Mack plant from the neighborhood.
- Community engagement related to artistic concepts will begin January/February 2022.
- Installation of mural designs will begin Q2-Q3 2022.



ADDITIONAL ENVIRONMENTAL PROJECTS



We have a great responsibility - and plan - to minimize the environmental impact on the community for this and future generations

NOT PART OF CBA

Reviving the Tree Canopy

Partnering with Greening of Detroit to **plant 500 trees** throughout the neighborhood

360 trees planted to date!



Sign up at The
Greening of Detroit



Constructing Education Plaza

launch construction of **Detroit's first**

Supporting the Chandler Park Conservancy to



Monitoring the Air Quality
Installed state-of-the-art, air monitoring
station to monitor the ambient air quality in the
area





Beautifying Stormwater Park

Constructing **neighborhood pavillion and educational stops** at existing stormwater park
along Beniteau Street and Kercheval Avenue







Lighting the Bus Stops

Installing two **solar-powered bus stop shelters** near the Mack plant.





Free Rain Barrels

Distributed **100 Free Rain Barrels** to local residents to reduce stormwater and lower water bills.



mirainbarrel



Neighborhood Trees

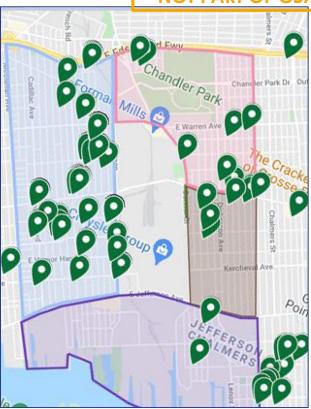
We have already planted 360 trees in the neighborhoods surrounding our plants which will have a long-lasting effect on beautification and environmental benefits.

We have 140 more to plant so make sure you sign up at The Greening of Detroit! We will finish this planting in the spring of 2022.





NOT PART OF CBA





COMMUNITY BENEFITS UPDATE



OTHER CBA PROJECTS: Small Business Support



"We started people working at Stellantis and they are now going nationwide and working on even bigger projects (Skechers, Walmart and Amazon). Now, 7 out of 14 employees are poised to make over six figures. Nine of our employees are from Detroit.

"It's an economic domino effect: Stellantis works with businesses like us, and we in turn hire and train people from the community who go on to become skilled workers who are well compensated."

> -Troy Franklin Owner - Franklin Safety Group





Lil Brilliant Mindz



"Inspiration to open came from the community and the need for quality childcare. We're four blocks from the plants, which I think provides a level of comfort to those whose kids we care for."

> - Angela Hayes Owner - Lil' Brilliant Mindz



Stellantis4Detroit@Stellantis.com



Please send us an email to receive our quarterly newsletter!





Stellantis4Detroit Newsletter

Stellantis4Detroit.com





WORKFORCE TRAINING & HIRING











COMMUNITY HIRING EVENT SEPTEMBER 8 - 10 9AM-3PM CONNER CENTER 20000 CONNER ST. DETROIT REGISTER AT: FCA.FYI/MFG

NOW HIRING PRODUCTION OPERATORS





WORKFORCE AND TRAINING: Applications & Interviews

STELLANTIS

Comprehensive Recruitment Strategy for Detroiters

- Targeted marketing campaign
- Customized community recruiting events
 - Veterans outreach, faith-based organizations, returning citizens, and partnerships with City of Detroit and Wayne County
- Established academic partnerships
- Previous Fails Re-Canvassing (education/assessment, eligible to re-apply)
 - Candidates who answered truthfully about lack of education (31% were recaptured and back in process)
- Those who failed application/pre-screening process over 6 months ago
 - During 1 on 1 sessions, able to review how pre-screen questions were answered
 - Found 8% misunderstood question
 - Able to correct and get back into process





- Dexterity standardization across manufacturing (TAC transitioned October 5th)
- Sept 8-10th UAW benefits table added to hiring events in the candidate experience area
- Candidate Experience new vehicle model they can touch, sit in, and see the technology.
- 1-on-1 time to answer questions, discuss career paths, and next steps plus timing





WORKFORCE AND TRAINING: Employee Experience







Hire Date: April 14, 2021 Department: Quality

"The best part about working here is I get to work for my favorite car company. Working here has been a new experience that has helped me grow in areas I need to be strengthened."



IALENA

Hire Date: April 14, 2021 Department: Trim

"My favorite part of working here is I came in at the right time in a new plant. I really like being a select group from Detroit. And I really like that everyone has been so accepting. I've had a positive experience with every team that I have been on."



GABRIELLE

Hire Date: May 20, 2021 Department: Final

"The best part about working for DACM is the work that I do and the team that I am a part of This has been a great experience and I have learned new things."





Detroit Residents Hired Since July 2019

Plant Locations	Detroit Residents	Impact Area	Veterans
Mack Plant	2,151	227	35
Other Michigan Plants	3,409	347	44
Plants Outside Michigan	16	1	-
Total	5,576	575	79

Active Employees as of November 1, 2021



Gross Wages paid to Detroit Employees

Income Tax to City from Detroit Employees

WAGES

2020

\$827M*

44%

INCOME TAX

2020

\$573M

\$10.6M

<u> 2021</u>

5 14.2M*

34%

*Estimated



EDUCATION





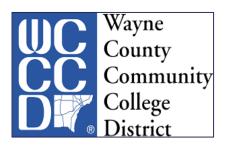


WAYNE COUNTY COMMUNITY COLLEGE DISTRICT

SOUTHEASTERN HIGH SCHOOL

EDUCATION: AMP at Wayne County Community College





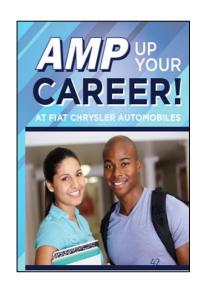
- The proposed Advanced Manufacturing Program in Mechatronics is a collaborative effort between Stellantis and Wayne County Community College (WCCCD) and a substantial expansion of the program referenced in the FCA community benefits agreement.
- Shutdowns due to the COVID-19 pandemic have slowed progress on facility upgrades needed at the Eastern Campus to accommodate robotics, computers and other equipment.
- If no further COVID-19 delays or shutdowns occur, Stellantis and WCCCD plan to make a formal announcement of the proposed expanded program in Q1 2022.

"WCCCD is proud to come together with Stellantis/FCA, an amazing partner, to provide pathways toward high-paying, in-demand careers that are essential to our region's future — critical advanced manufacturing and robotics. Uniquely, our Program will be the <u>only</u> college-site Mechatronics Center in the U.S. available to the general public."

- Curtis Ivery, Chancellor, Wayne County Community College District

"We are delighted to work in tandem with Stellantis and WCCCD to create a cutting-edge program at its Eastern Campus. We view this program as a game-changing, best practice initiative, that will serve as a catalyst for Detroiters seeking higher income and economic longevity. We applaud Stellantis for your vision, your commitment and your unwavering support to improve the quality of life for the least of these."

- John Graves, Chairman, Rainbow PUSH Automotive Project



EDUCATION: Southeastern High School



Providing students with the knowledge and skills that can lead to fulfilling long-term

careers

2021 Stellantis Summer Internship Program (July 12 - August 31)

- 14 Southeastern High School graduates received a paid summer internship
- 8-week program at Detroit Assembly Complex (Mack & Jefferson)
- Rotations in Five Critical Centers
 - Ouality
 - Logistics
 - Body Shop
 - Paint Shop
 - General Assembly
- Five students on-boarded as supplemental new hires upon program completion

2021 Stellantis Manufacturing Summer Camp (July 24 - August 14)

- **Five** 9th grade students from Southeastern participated in pilot program
- 4-week program at Detroit Assembly Complex Mack
- Themed learning activities
 - Automotive Manufacturing Overview
 - Robotics
 - Lean Environment Simulator









(Click on the image above to play video)

2020-2021 School Year

- Launched the Advanced Manufacturing Career Academy at Southeastern High School
- 202 students enrolled
- New online course: Introduction to Advanced Manufacturing
- Installation of classroom technology: CNC machine, robotic arm and 3-D printer
- 54 Career Speaker Sessions with Stellantis manufacturing and engineering executives





THANK YOU

