

INSPECTION REPORTFacility Name: Mega Diesel

Attached please find the United States Environmental Protection Agency's (EPA's) inspection report of your inspected facility and/or any vehicles/engines identified therein. EPA is providing this report as a matter of agency policy, and will contact you again only if needed.

Without making a determination that your business or organization is a small business, EPA is also providing you with a link to this Small Business Resources Information Sheet (<https://www.epa.gov/compliance/small-business-resources-information-sheet>) which provides an array of resources to help small businesses understand and comply with federal and state environmental laws.

Inspection Information	
Inspection Number:	
Inspection Date(s):	August 24, 2021
Regulatory Program(s):	Clean Air Act Section 208
EPA Region/Program Conducting Inspection:	Region 7 ECAD/Air Branch
Company Name:	
Facility Name:	Mega Diesel
Facility Street Address:	5546 Highway DD
Facility city, state, zip code:	Houston, Missouri, 65483

Inspection Report Revision History		
Revision #	Revision Date	Reason for Revision

Inspector and Supervisor Approval			
<u>Tyler Salamasick</u> Field Inspector Name	<u>TYLER SALAMASICK</u> Field Inspector Signature	Digitally signed by TYLER SALAMASICK Date: 2022.01.25 08:43:30 -06'00'	<u>12/13/21</u> Date
<u></u> Name of Approving Official	<u></u> Title	<u>TRACEY CASBURN</u> Approving Official Signature	<u></u> Date
		Digitally signed by TRACEY CASBURN Date: 2022.01.14 08:12:18 -06'00'	

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(Supplemental notes or narrative format may be used as preferred)

General Inspection Information			
Inspector(s):	Tyler Salamasick, Sarah Clark, Avery Bowers	Arrival Date/Time:	8/24/2021 2:58 PM
Primary Facility Representative & Title:	Jason Beasley, Owner	Departure Date/Time:	8/24/2021 4:45 PM
Facility Contact Phone/Email:	(417) 967-1629 megadiesel@gotrain.org	Compliance Assistance Reference Materials Provided to Facility	☐ SBREFA Form ☐ Exhaust Repair Guidelines ☐ Tampering Brochure ☐ Memo 1A ☐ Engine Switch Fact Sheet ☐ Copy of §203(a)(3) ☐ §208 or §114 Preservation Letter ☒ Discussion of Right to Claim CBI ☒ Other: receipt for documents
Time Inspector(s) Presented Credentials:	3:00 PM		
Permission to Enter Facility Granted? If Yes, By whom? If No, explain.	Permission to enter the facility was granted by Mr. Beasley. Mr. Beasley consented to an interview, provided EPA a tour of the facility, and made records available to EPA.		
Photograph Range:	24 photos range 134 - 158	Photographer Name:	Avery Bowers
Notes (e.g. compliance actions taken by facility, purchased samples, other relevant background, etc.):	We informed Mr. Beasley that EPA previously sent Mega Diesel a request for information and had not yet received a response. Diesel pick-up trucks constitute 90-95% of Mega Diesel's work. In addition to the owner, there is one other mechanic employed by Mega Diesel. EPA observed an exhaust gas recirculation cooler and up-pipes in a scrap pile by the dumpster and a complete exhaust system (including diesel particulate filter (DPF)) in the back of a red pick up truck parked by the building. When EPA asked about Mega Diesel's work to change out DPFs, Mr. Beasley explained that 'if a truck has been up north,' they 'have to change the whole thing because it gets so rusty.'		

Facility Business Activities			
Types of Services (check all that apply)		Description/Observations (types and brands of parts that are manufactured or sold, types of shop services provided, etc.)	Estimated Throughput (e.g., sales per month, installs per week)
☐	Manufactures aftermarket parts (hardware or software)	Mr. Beasley said that he can write custom tunes in EFI Live and showed inspectors a handheld device called the EFI Live V2; however, he said he sells mostly 'canned' tunes now.	
☐	Sells aftermarket parts (including drop shipments)		
☒	Service Shop	General maintenance and engine repair. 4 repair bays and large parking lot. Estimated 30 trucks on site that were waiting for repair, being used for parts only, or being repaired for future sale.	Work on 2-3 trucks per week
☐	Fleet		
☐	Other:		
Notes		Mr. Beasley informed us that the facility is a diesel and automotive repair shop. He told us that he primarily works on diesel vehicles and of the diesel vehicles most are trucks. He informed us that he does a variety of work including work on exhausts, transmissions, breaks, and engine overhauls. When EPA asked about tuning, Mr. Beasley said that Mega Diesel does some programming if a customer requests it, saying that Edge and Bullydog are popular. He said that the highest horsepower (HP) tune he sells is no more than 50 HP over stock. Mr. Beasley said that, occasionally, customers will ask for 'deletes,' which Mega Diesel had offered for a long time. However, Mr. Beasley said that starting 7-8 years ago, deletes became harder to find, and about 4-5 years ago, Mega Diesel stopped selling deletes.	

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Personnel Interviewed			
Name	Title	Contact Info. (e.g., email, phone number)	Interviewed by (Last name of Inspector)
Jason Beasley	Owner	(417) 967-1629 megadiesel@gotrain.org	Salamasick, Clark, Bowers

Documents Requested		
Document Requested	Status	Notes/Comments
Invoices / Work orders	☒ Document Provided ☐ Document Request Denied ☐ Facility Offered to Provide After Inspection ☐ Other (add notes)	Reviewed and took photos but did not collect physical copies. Mr. Beasley said that he only has hard copy records. He used to store records in a shed, but a storm ruined everything over one year old.
	☐ Document Provided ☐ Document Request Denied ☐ Facility Offered to Provide After Inspection ☐ Other (add notes)	
	☐ Document Provided ☐ Document Request Denied ☐ Facility Offered to Provide After Inspection ☐ Other (add notes)	
	☐ Document Provided ☐ Document Request Denied ☐ Facility Offered to Provide After Inspection ☐ Other (add notes)	
	☐ Document Provided ☐ Document Request Denied ☐ Facility Offered to Provide After Inspection ☐ Other (add notes)	

Vehicles Inspected/Observed				
In the shop, EPA observed 4 diesel pick up trucks in various states of repair with model years 1998-2006.				
VIN (last 4 digits)	EPA Engine Family	Appearance of Tampering (Yes/No/TBD)	OBD Scan Conducted? (Yes/No)	Observations (e.g., Who Performed Apparent Tampering?)
	MY 1998 Ram 3500	No	No	Mega Diesel was setting the timing on the injector pump.
	MY 2006 Ford F-450	No	No	Mega Diesel was compression testing the engine.
	MY 2006 Chevy Silverado 2500 HD	No	No	Mega Diesel was replacing the fuel system. Engine was disassembled
	MY 2003 Ford F-450	No	No	Mega Diesel had completed some injector-related and front end work.