EMISSIONS SUMMARY REPORT

Vehicle ID:	**X4XXX5644 / 052M077**	Test ID:	**X4XXX5644_EPA75_020719050801 / 1111011081**		
Test Req:	**082012190504−4**	Location:	CHRYSLER TECH CENTER		
Test Type:	**EPA75**	Facility:	**Test Cell 7**	Start Time:	**05/08/2019 08:31:10**
Requestor:	**REDACTED**	Shift Sched.:	AUTO	Trace End:	**05/08/2019 09:11:57**
Driver:	**REDACTED**	Option(s):	Tailpipe modal &Bag	Inertia Weight:	6000
Operator:	**REDACTED**	Fuel Type:	MS10756	Road Load Coeff A:	13.77
Start Odometer:	88290	Fuel Anal.#:	10762	Road Load Coeff B:	.5116
AutoLoad File:	None	INCA Project File:	MY14WK_ConsentDecree_2.exp	Road Load Coeff C:	0.02400
Cell Temp Set Pt:	75	Altitude Set Pt(ft.):	930	Hum. Set Pt (Grains):	50.00
Test Segment:	1/1	Vehicle Desc.:	0.00 Grand CherBLACK	Emissions Standard:	Fed. BIN 5

Test Req. Purpose: Emissions baseline after application of AEM and 1000miles accumulated on MA.

Seq. Purpose: MY14 WK Baseline with AEM applied

Individual Cycles:(Grams/Mile) **Tailpipe:**

	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Time−63	.2650	.2045	.0557	7.6673	.6661	816.3	.6660	.0593	46.9	12.2764		.208
Cycle1	.4464	.3223	.1355	4.4038	.3705	594.7	.3662	.0264	102.2	16.8661		.674
Cycle2	.0778	.0530	.0270	.0158	.2863	419.0	.2776	.0239	189.4	24.2698		1.961
Cycle11	.0910	.0131	.0867	.0087	.0008	322.5	.0000	.0000	145.3	31.4744		1.360
Cycle19	.2047	.0187	.2070	.0902	.0347	409.1	.0340	.0030	65.3	24.8317		.673
Modal Test Results:(Grams)												
Phase: 1												
IDLE	.0213	.0112	.0110	.3074	.0222	84.7	.0224	.0000	32.8	118.9407	0	
ACCEL	.0970	.0546	.0374	.7254	.4862	793.5	.4893	.0364	166.9	12.7925	0	
CRUISE	.3004	.1971	.1093	1.3345	.2169	672.1	.2065	.0145	150.4	15.0744	0	
DECEL	.0853	.0700	.0286	.6446	.0929	161.3	.0778	.0147	88.1	62.7071	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0	.0000	0	
TOTAL	.5040	.3328	.1863	3.0118	.8181	1711.5	.7960	.0656	438.3		0	
Phase: 1	Equivalent Mass Results: (Grams/Mile)											
	.1401	**.0925**	**.0518**	**.8374**	**.2275**	**475.9**	**.2213**	**.0182**	**438.3**	**21.2988**	**0**	**3.597**
Phase: 2												
IDLE	.0058	.0003	.0061	.0026	.0002	87.8	.0000	.0000	37.3	115.6094	0	
ACCEL	.2041	.0237	.1871	.0224	.0060	1003.9	.0027	.0002	224.2	10.1284	0	
CRUISE	.1152	.0204	.1095	.0165	.0016	530.0	.0000	.0000	190.0	19.1853	0	
DECEL	.0266	.0059	.0337	.0054	.0013	115.3	.0001	.0001	119.8	88.4075	0	
TOTAL	.3517	.0503	.3364	.0469	.0090	1737.0	.0028	.0003	571.3		0	
Phase: 2	Equivalent Mass Results: (Grams/Mile)											
	.0910	**.0130**	**.0870**	**.0121**	**.0023**	**449.4**	**.0007**	**.0001**	**571.3**	**22.6480**	**0**	**3.865**
Phase: 3												
IDLE	.0037	.0002	.0042	.0017	.0005	53.1	.0000	.0000	24.9	191.9507	0	
ACCEL	.0834	.0061	.0905	.0494	.2316	686.5	.2154	.0371	145.8	14.8262	0	
CRUISE	.1089	.0075	.1083	.0150	.0217	530.0	.0180	.0040	120.2	19.1866	0	

DECEL	.0292	.0051	.0376	.0200	.0054	121.2	.0038	.0008	83.7	84.0120	0	
CRANK	.0000	.0000	.0000	.0000	.0000	.0	.0000	.0000	.0	.0000	0	
TOTAL	.2252	.0189	.2406	.0860	.2593	1390.8	.2372	.0419	374.6		0	

Phase: 3 Equivalent Mass Results: (Grams/Mile)

.0628	**.0053**	**.0671**	**.0240**	**.0723**	**387.9**	**.0662**	**.0117**	**374.6**	**26.2107**	**0**	**3.586**

Weighted Total Equivalent Mass Results:(Grams/Mile)

.0934	**.0274**	**.0743**	**.1864**	**.0682**	**438.0**	**.0644**	**.0070**	**1384.2**	**23.2010**	**0**	**11.048**

CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	CO2	NMHC	CH4	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.13764	.85171	.22255	471.358	.09557	.04816	.31812	0.14062	21.5232
Phase: 2	.08635	.00000	.00161	439.590	.01306	.07798	.01467	0.08602	23.1125
Phase: 3	.06607	.01335	.08333	382.510	.00595	.06470	.08927	0.06648	26.5531

CVS Weighted Mass Results:(Grams/Mile)

.09142	**.18019**	**.06982**	**430.516**	**.02821**	**.06816**	**.09803**	**.09197**	**23.5784**

Drive Metrics:

CSI	RMS
−8.060	.296

SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,723,010	4,770,190	−0.989	5,787.8	5,780.2	0.132	−1.132	−1.886	−2.657	0.3708
Phase: 2	4,479,010	4,475,350	0.082	6,218.9	6,211.3	0.123	−0.041	−0.335	−0.277	0.3010
Phase: 3	4,727,650	4,770,160	−0.891	5,772.1	5,779.4	−0.126	−0.772	−2.299	−3.532	0.3325
Final (Weighted):										
	9,204,660	**9,245,530**	**−0.442**	**11,997.7**	**11,991.0**	**0.056**	**−0.500**	**−1.297**	**−1.637**	**0.2891**

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 05/08/2019 09:25:10

Validator's Comments:

Test Options:

Option	Description
Induced Failure	
DHFID Hangup value	.010
Gain	.650
Constant Grade	.000

Diesel Regeneration Required	0
MINI DILUTER T/P DILUTION RATIO	8.720
Weighted Dilution factor	13.420
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
Soak Duration(Hrs)	22
CVS K Coeff	254.900
Threshold	350
Pre Test Vehicle Temperature	Cold
Trace Start Method	Crank (Pendant)
Charging Type	CS
Template Emissions CAT	EPA
Actual Driver	Human
CVS Venturi Selection	Low
DynoGrade Type	None
Special Test Qualifications	None
OBD II Monitor	None Requested
Abort test on dead battery	Y
Abort Test on INCA Failure	Y
Augmented Braking	Y
DbW Available	Y
Diesel Test	Y
Hybrid Test	Y
Inca Requirement	Y
Mule Vehicle to Park	Y
Road (Var.) Speed Fan required	Y
Rolls Requirement	Y
SAE Calculations Required	Y

Sequence Purpose
MY14 WK Baseline with AEM applied
Req Spcl Inst
Connect DCAN Cable − Automatically setting ROLLS MODE!
Shift Comments
D| Dual Exhaust
Sampling Type List
DCVS , Diesel Tailpipe / Particulates − Multiple
Test Request Purpose
Emissions baseline after application of AEM and 1000miles accumulated on MA.