

Populations, Activity and Emissions of Diesel Nonroad Equipment in EPA Region 7

Inventory and Instrumentation Counts Appendix AG

Assessment and Standards Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

Prepared for EPA by
Eastern Research Group, Inc. (ERG)
EPA Contract No. EP-C-06-080

Phase	PSU	Estab ID	Inventoried?	Inventory Date	Instrumented?	Total Equip	PEMS eligible	PAMS Installs	PEMS Installs	PAMS & PEMS	Comments
1	1	7000008	Yes	6/14/2007	Yes	6	5		1		
1	1	7000059	Yes	6/13/2007	Refused	9	8				Refused participation in testing after the inventory was conducted
1	1	7000075									Logistics prevented inventory (we received site after conclusion of onsite)
1	1	7000084	Refused								
1	1	7000446									Logistics prevented inventory (equipment inactive until after PSU 1)
1	1	7000603	Yes		N/A				N/A		Ineligible, public works (installation was "practice run")
1	1	7000610	Refused								Passive refusal (we were unable to schedule after repeated attempts)
1	1	7000619	Yes	6/19/2007	Yes	2	2		1		
1	1	7000652	Refused								Passive refusal (we were unable to schedule after repeated attempts)
1	1	7000680									Logistics prevented inventory (only site very far away)
1	1	7000685	Yes	6/11/2007	Yes	21	18		2		
1	1	7000699	Refused								Passive refusal, stated no sites in region, could not help with study
1	1	7001201									Logistics prevented inventory (received site info after inventories were)
1	1	7001285	Yes	6/14/2007		1					No PEMS eligible equipment
1	1	7001437	Yes	6/4/2007	Yes	4	1	2			
1	1	7001688	Yes	6/5/2007	Yes	6	3	1		1	
1	1	7001911	Yes	6/7/2007	Yes	5	2	2			
1	1	7002027	Refused								Passive refusal (no work during time we were there)
1	1	7002208	Yes	6/6/2007	Yes	1	1			1	
1	1	7002269	Refused								Passive refusal (we were unable to schedule after repeated attempts)
1	1	7002281	Yes	6/7/2007		1	1				
1	1	7002442	Refused								Passive refusal (we were unable to schedule after repeated attempts)
2	2	2557	Refusal								Passive refusal (we were unable to schedule after repeated attempts)
2	2	2891	Refusal								Participant Refused (no-show at appt and didn't answer calls)
2	2	7002522	Yes	9/20/2007		2					
2	2	7002523	Yes	9/11/2007	Yes	28	25		3		
2	2	7002535	Yes	9/13/2007	Yes	2	2	2			"Passive" refusal on PEMS, PEMS installs very unlikely
2	2	7002547									Logistics prevented inventory. All sites in Nebrasks
2	2	7002561	Yes	10/17/2007		1					
2	2	7002562	Yes	10/2/2007		5	5				Logistics prevented instrumentation (rain/schedule)
2	2	7002571	Yes	9/14/2007		2					
2	2	7002586	Yes	9/18/2007		1					
2	2	7002595	Refusal								Contact refused to participate
2	2	7002602	Yes	9/19/2007		3					
2	2	7002668	Refusal								Passive refusal (we were unable to schedule after repeated attempts)
2	2	7002745	Yes	10/2/2007	Yes	2	2		1		
2	2	7002746	Refusal								Passive refusal (we were unable to schedule after repeated attempts)
2	3	7002820	Yes	10/17/2007	Refused	1	1				Passive refusal (we were unable to schedule instrumentation)
2	2	7002867	Yes	10/1/2007	Refused	4	1				Passive refusal (we were unable to schedule instrumentation)
2	2	7002944	Yes	10/4/2007		5	1				
2	2	7003010	Yes	9/14/2007		1	1				
2	2	7003104									Logistics prevented inventory (equipment unavailable until after Phase 2)
2	2	7003122	Yes	10/5/2007		1					
2	2	7003248	Yes	10/16/2007		1					
2	2	7003310	Yes	9/10/2007		1					
2	2	7003348	Yes	10/5/2007		1					
2	3	7003474	Yes	10/16/2007	Refused	9	5				Etab refused due to site's insurance reasons.
2	3	7003572	Yes	10/17/2007		1	1				1 piece of equip (PEMS eligible, inventory 10/17), but refused to participate
2	3	7003597	Yes	9/7/2007	Yes	16	8	1	3	1	
2	3	7003601	Refusal								One unused piece of equipment, does not want to participate
2	3	7003648	Yes	9/21/2007		1					
2	3	7003655	Yes	10/3/2007		1					
2	3	7003702	Yes	9/15/2007	Yes	2	1	1			
2	3	7003705	Yes	10/3/2007		1					
2	3	7003731	Yes	10/1/2007		1					Not closed yet, but so far reluctant to participate
2	3	7003759	Refusal								Refused to participate
2	3	7003854	Yes	9/5/2007	Yes	1	1	1			
2	3	7003858	Yes	9/14/2007	Yes	6	6		3	2	

Phase	PSU	Estab ID	Inventoried?	Inventory Date	Instrumented?	Total Equip	PEMS eligible	PAMS Installs	PEMS Installs	PAMS & PEMS	Comments
2	3	7003864	Refusal								Refused to participate
2	3	7003868	Yes	9/5/2007	Yes	5	3	2			
2	3	7003876	Refusal								Refused to participate
2	3	7003925	Refusal								Refused to participate
2	3	7003928	Yes	9/11/2007	Yes	1	1	1			
2	3	7003937	Yes	9/6/2007		4	1				"Passive" refusal on PEMS, PEMS installs very unlikely
2	3	7003953	Refusal								Hard refusal, said they are too busy and did not agree to participate
3	4	7008391	Yes	7/9/2008	Yes	7	6		2		PEMS testing completed.
3	4	7008415	Yes	7/11/2008		6					
3	4	7008417	Yes	7/24/2008		1					
3	4	7008418	Yes	7/21/2008	Yes	4	4		5		Try to call estab contact directly when scheduling PEMS (the two onsite
3	4	7008423	Yes	7/1/2008	Refusal	5	2				Est wouldn't return calls for instrumentation appt.
3	4	7008427	Yes	7/8/2008		1	1				Logistics prevented instrumentation. This is a demo generator at a
3	4	7008436	Yes	7/3/2008		3	3				Logistics prevented instrumentation. Secure facility, transported on trailers,
3	4	7008491	Refusal								Passive refusal (we were unable to schedule after repeated attempts)
3	4	7008529	Refusal								Equipment unavailable for inventory / testing
3	4	7008542	Yes	7/10/2008	Yes	2		1			
3	4	7008555	Yes	6/30/2008	Yes	2		1			
3	4	7008597	Yes	7/3/2008	Yes	2		2			
3	4	7008661	Yes	7/23/2008		2	1				Logistics prevented instrumentation, PEMS eligible generator not to be
3	4	7008707	Yes	7/1/2008		3	1				Site contact is friendly, , but extra "interference" person may be needed.
3	4	7008733	Yes	6/30/2008		1					
3	4	7008737	Yes	7/23/2008		5	1				Logistics prevented instrumentation, The one PEMS-eligible piece has not
3	4	7008815	Refusal								Passive refusal (we were unable to schedule after repeated attempts),
3	4	7008925	Yes	7/1/2008	Yes	2	2		1		
3	4	7008974	Refusal								Contact refused participation
3	4	7009022	Yes	8/14/2008		1					
3	4	7009057	Yes	7/8/2008		3	1				Logistics prevented instrumentation
3	4	7009091	Yes	7/3/2008		11	11				Most equipment is inactive, stored in field. PEMS unlikely but worth a try if
3	4	7009099	Yes	7/22/2008		1	1				Logistics prevented instrumentation
3	4	7009247	Yes	7/7/2008		3					
3	5	7009272	Yes	8/11/2008	Yes	7	7		4		Site contact is very cooperative and willing to participate.
3	5	7009301	Refusal								Est won't return calls
3	5	7009308	Refusal								Est won't return calls
3	5	7009317	Refusal								Est won't return calls
3	4	7009325									Ineligible, public works
3	5	7009360	Refusal								Establishment asked to be removed from study.
3	5	7009422	Yes	8/4/2008		7	6				Road work after hours, establishment sounds willing, but access to
3	5	7009429	Yes	8/5/2008	Yes	2	2	2			Est sounds agreeable, logistics might be tough as equipment usually
3	5	7009440	Yes	8/8/2008		4					
3	5	7009453	Yes	8/4/2008		2	1				
3	5	7009456									Logistics prevented inventory (only site very far away), Site too far from
3	5	7009457	Yes	8/4/2008		3	1				Might not be good for PEMS as handle to raise engine cover is cracked and
3	5	7009470	Refusal								Establishment asked to be removed from study.
3	5	7009575	Yes	8/7/2008		2					
3	5	7009633									Logistics prevented inventory (only site very far away), Site too far from
3	5	7009679	Yes	8/6/2008	Yes	1		1			
3	5	7009758	Yes	8/7/2008		2					
3	5	7009871	Refusal								Establishment asked to be removed from study.
3	5	7009906	Refusal								Est won't return calls
3	4	7009960	Yes	7/21/2008	Yes	5	3		3		PEMS testing completed.
3	4	7009998	Yes	7/10/2008		2					
3	5	7010056	Yes	8/14/2008		2	1				Very limited use. (< 40 hrs/month)
3	5	7010062	Yes	8/5/2008	Yes	10	9	2	2		
3	5	7010190	Refusal								Est won't return calls
3	4	7010229	Yes	7/2/2008	Yes	2	2			2	PEMS testing completed.
3	4	7010234	Yes	7/9/2008	Refusal	3	1				Passive refusal (est contact reports equipment is "down indefinitely").
3	5	7010349	Yes	8/5/2008	Yes	4	4	1	2		

Phase	PSU	Estab ID	Inventoried?	Inventory Date	Instrumented?	Total Equip	PEMS eligible	PAMS Installs	PEMS Installs	PAMS & PEMS	Comments
3	4	7010403	Yes	7/22/2008		1					
3	5	7010495									Logistics prevented inventory (only site very far away). Site too far from
3	5	7010501	Yes	8/6/2008		2	2				Sounds willing, potential issue with exhaust connection on 1 piece