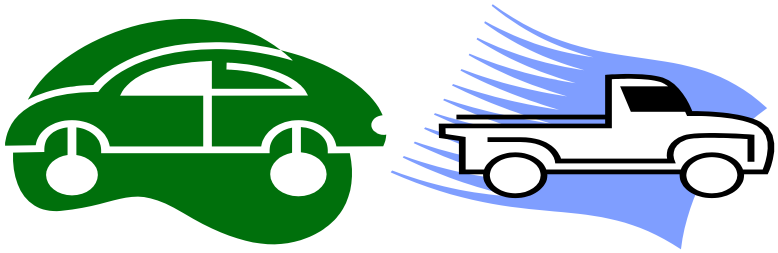
APD ALERT
FY2013 Vehicle Replacement and Vehicle Allocation Methodology (VAM)



Purpose

This Alert revises the greenhouse emissions threshold for light duty vehicles (LDV) and medium duty passenger (MDPV) vehicles and revises the Vehicle Allocation Methodology (VAM) for vehicle replacement. As a reminder, regulations prohibit Federal agencies from acquiring LDVs and MDPVs that exceed the maximum threshold for greenhouse gas emissions, with certain exceptions. This includes when purchasing a new vehicle or acquiring a vehicle through excess property.

The VAM process is a part of the Annual Strategic Sustainability Performance Plan. Regulations require agencies to have a written standard method to determine vehicle need, size, and optimal vehicle inventory. The VAM process also includes opportunities to reduce petroleum consumption and increase the use of alternative fuels and alternative fueled vehicles.

LDVs and MDPVs

Enclosure 1 is a list of LDVs and MDPVs that meet the greenhouse gas thresholds. Refer to this when replacing LDVs and MDPVs.

LDVs are:

- passenger cars, and
- light duty trucks/SUVs/Vans with a gross vehicle weight ratio (GVWR) of 8,500 lbs. or less.

MDPVs are:

- vehicles with a GVWR greater than 8,500 lbs. but less than 10,000 lbs.,
- vehicles designed to transport less than 12 passengers (including the driver),
- vehicles equipped with an open cargo area that is less than 72 inches.

VAM

Regulations require agencies to have a written process to help determine optimal vehicle inventory, type, and size necessary for the mission, as well as managing vehicle utilization. Enclosure 2 is the revised VAM that incorporate greenhouse gas thresholds and USDA's minimum use standards. The VAM has six sections:

1. Current Vehicle Information
2. Current Vehicle Utilization (miles or days used)
3. Replacement Vehicle Information (New or Excess Vehicle)
4. Type of Action
5. Vehicle Use Details
6. Certification and Approval

Section 1 - Current Vehicle Information. List the specific information for the vehicle that you are replacing.

- **Tag, Mfg, & Model**

- **Year and Odometer**: Used to ensure vehicle meets minimum Federal replacement standards. Use miles or years, whichever comes first:

Vehicle Type	Federal Replacement Standard
Sedans/Station Wagons	3 yrs or 60,000 miles
Trucks with GVWR less than 12,500	6 yrs or 50,000 miles
Trucks with GVWR between 12,500-23,999	7 yrs or 60,000 miles
Trucks with GVWR 24,000 and over	9 yrs or 80,000 miles
4 or 6-wheel drive vehicles	6 yrs or 40,000 miles

- **S.I.N.:** the standard identification number that identifies the vehicle type.

- **Vehicle Type**: Such as: Sedan, Station Wagon, 4x2 Pick-up, 4x4 SUV, Van, etc.

- **Drive:** 4x2, 4x4, etc

- **Contact Name, City, and State**

- **Zip Code**: use the zip associated with the garaged location for the vehicle.

- **Specialized Equipment**: if required, list engine size or towing package included when originally acquired vehicle.

- **Combined MPG**: used to help show petroleum reduction. Refer to the "EPA Green Vehicle" link on the Auto Choice website.

- **Fuel Type**: indicate gas, hybrid, diesel, E85, CNG, etc.,

- **AG No**: the unique inventory control number assigned to the vehicle in PROP.

Section 2 – Current Vehicle Use Information. USDA established **"minimum use"** standards by vehicle type & size (see below) to help determine continued need. Use either annual mileage or days used. Use "Vehicle Use Logs" to determine mileage and days used. **APOs must provide a detailed justification when replacing vehicles that do not meet minimum use standards.** This information is subject for review by USDA and other oversight agencies.

Vehicle Type	**FY Mileage or Days Used**
Passenger Carrying vehicles (sedans/station wagons/vans)	FY Miles 7,500 or 80 Days
Light Trucks/SUVs 4x2 or 4x4 (less than 10,000 GVWR)	FY Miles 5,000 or 80 Days
Medium Trucks/SUVs (10,000 to 20,500 GVWR	FY Miles 4,000 or 60 Days
Heavy Trucks (greater than 0,501 GVWR)	FY Miles 4,000 or 60 days or 400 hours

Section 3 – Replacement Vehicle (New or Excess) Information. List the specific information for the new vehicle or excess vehicle that you are requesting.

- **S.I.N.:** Standard Identification number, found in AutoChoice that identifies vehicle type.

- **Type**: sedan, station wagon 4x2 Pickup, 4x4 SUV, etc. Regulations require agencies to obtain the **minimum** size vehicle necessary to fulfill the mission. Regulations prohibit agencies from acquiring sedans that are larger than mid-size.

- **Specialized Equipment**: as required, list specialized engine size, towing package, equipment, etc., necessary for vehicle type.

- **Fuel Type:** gasoline, gasoline-hybrid, diesel, E85-flex fuel, electric. Agencies are required to increase the use of alternative fuels. When in the size/type needed, acquire a Hybrid or AFV unless alternative fuel is not readily available.

- **GVWR**: used to determine if the vehicle is LDV or MDPV.

- **Greenhouse Gas Threshold (Referred to as g/Mile CO2):** See Enclosure 2 for a list of vehicles meeting the required threshold.) The g/Mile CO2 information is also available

in the "Comparison Summary" of Auto Choice. **When acquiring LDVs/MDPVs, agencies are required to obtain a vehicle that is equal to or below the maximum g/Mile CO2 emissions threshold.** The exception is when there is no vehicle available under the maximum g/Mile CO2 threshold that will meet the functional need. APOs and fleet managers must provide a detailed justification stating the functional need, including how vehicles that meet the greenhouse gas threshold cannot fulfill the need. USDA requires fleet managers to certify all functional need exceptions. This information is subject to audit review by USDA and other oversight agencies.

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Vehicle Type	Maximum g/Mile CO2 Threshold
Passenger cars & vans	330 g/mile
E85 Flex Fuel Passenger Cars **operating** on E85	375 g/mile
Light Duty Trucks, SUVs, MPVS	415 g/mile
E85 light duty trucks, SUVs, or MDPVs **operating** on alternative fuel	460 g/mile

- **When acquiring a vehicle from excess, include:**
    - Current Odometer
    - VIN, and
    - Estimated MPG

  The fleet manager will use this information to help determine the greenhouse gas threshold.

Section 4 – Type of Action: Indicate whether the requested vehicle is a **downgrade**, **replacement in kind (same SIN, Type, or GVWR)**, or **upgrade in size**. When the replacement is a downgrade, such as mid-size to compact, 4x4 to a 4x2, or large SUV to an intermediate; or replacement in kind, and the vehicle meets USDA's minimum use standards and the g/Mile CO2 threshold, no additional justification is required. Proceed to Section 6.

Section 5 –Vehicle Use Details: Use this section to describe the vehicle's intended use, road conditions, passengers, alternative fuel availability, and other requirements to support the specific vehicle size and type requested. Indicate whether a short-term rental vehicle would be available for situations that require a specific size for intermittent use. Use this section to state the functional need exception/justification for a vehicle that does not meet the GHG threshold.

Section 6 – Certification and Approval. The APO, AO, and fleet manager should work together to finalize the VAM. The fleet manager can assist with information on the availability of alternative fuels, GHG threshold, and use standards. Both the APO, AO, and the fleet manager must certify and approve the VAM before submitting the vehicle requisition to GSA.

Refer to the following websites for information on vehicle options and AFV availability.

- Vehicle Acquisitions: www.gsa.gov/autochoice
- Alternative Fuel Locations: www.afdc.energy.gov/afdc/locator/stations/ (Select "Basic Station Search" or "Search by State")

Issue Date: Jan 10, 2013 **APD Alert No: 2013-P1**

2 Enclosures
(1) LDVs & MDPVs with Low Greenhouse Gas Emissions
(2) VAM

LOW GHG VEHICLES

*****All Light Duty & Medium Duty Passenger Vehicles not on this list will require the agency to self-certify a Functional Needs or Alternative Measures Exemption. For more information on either excemption please contact GSA Automotive*****

Vehicle Configuration	NOTE	Standard Item Number	Option	Displacement	Cylinders	Fuel Type	Manufacturer / Dealer	Model	City MPG (FF/CF)	Hwy MPG (FF/CF)	Combined MPG (FF/CF)	GPM (FF/CF)	Selling Price	Incremental Price
SEDAN, MICROCOMPACT, 4 PASSENGER, 4 DOOR	Low GHG Model	7	SFE, T5	1.4	4	GAS	CHRYSLER	500FIAT	28	34	31	287	$ 15,103.54	$ -
SEDAN, MICROCOMPACT, 4 PASSENGER, 4 DOOR	Low GHG Model	7		1.6	4	GAS	FORD	FIESTA	29	39	33	269	$ 15,270.19	$ -
SEDAN, MINICOMPACT, 4 PASSENGER	Low GHG Model	7	SFE	1.6	4	GAS	FORD	FIESTA	29	40	33	269	$ 15,270.19	$ -
SEDAN, MINICOMPACT, 4 PASSENGER	Low GHG Model	7		1.8	4	GAS	GM	SONIC	25	35	28	317	$ 15,301.50	$ -
SEDAN, MINICOMPACT, 4 PASSENGER	Low GHG Model	7	IE1	1.4	4	GAS	GM	SONIC	27	37	31	287	$ 15,907.50	$ -
SEDAN, MICROCOMPACT, 4 PASSENGER, 4 DOOR	Low GHG Model	7		1.4	4	GAS	CHRYSLER	500FIAT	27	34	30	296	$ 16,252.92	$ -
SEDAN, MINICOMPACT, 4 PASSENGER	Low GHG Model	7	SFE, IE1	1.4	4	GAS	GM	SONIC	27	37	31	287	$ 16,907.50	$ -
SEDAN, SUBCOMPACT, 4 PASSENGER, 4 DOOR	Low GHG Model	8C		1.8	4	GAS	RP AUTO	ELANTRA	29	40	33	269	$ 15,444.92	$ -
SEDAN, SUBCOMPACT, 4 PASSENGER, 4 DOOR	Low GHG Model	8C	SFE	1.4	4	GAS	RP AUTO	ELANTRA	30	40	34	261	$ 15,444.92	$ -
SEDAN, SUBCOMPACT, 4 PASSENGER, 4 DOOR	Low GHG Model	8C		2	4	E85	FORD	FOCUS	20/27	28/38	23/31	274/287	$ 15,541.68	$ 96.96
SEDAN, SUBCOMPACT, 4 PASSENGER, 4 DOOR	Low GHG Model	8C	SFE	1.4	4	E85	FORD	FOCUS	20/28	28/40	23/33	274/269	$ 15,622.58	$ 177.66
SEDAN, SUBCOMPACT, 4 PASSENGER, 4 DOOR	Low GHG Model	8C		1.4	4	GAS	GM	CRUZE	26	38	30	296	$ 16,766.00	$ -
SEDAN, SUBCOMPACT, 4 PASSENGER, 4 DOOR	Low GHG Model	8C	SFE, BTCS	1.4	4	GAS	GM	CRUZE	26	31	39	287	$ 19,392.00	$ -
SEDAN, SUBCOMPACT, HYBRID ELECTRIC VEHICLE	Low GHG Model	8H		2	4	GAS HEV	FORD	CMAXHEV	47	47	47	190	$ 22,392.71	$ 6,947.79
SEDAN, SUBCOMPACT, PLUG-IN HEV	Low GHG Model	8P		1.4	4	GAS PHEV	FORD	CMAXPHEV	N/A	N/A	N/A	N/A	$ 30,251.52	$ 14,606.60
SEDAN, SUBCOMPACT, 4 PASSENGER, 4 DOOR	Low GHG Model	8E		0	0	ELECTRIC	RP AUTO	iMiEV	126	99	112	0	$ 31,087.80	$ 15,642.88
SEDAN, SUBCOMPACT, 4 PASSENGER, 4 DOOR	Low GHG Model	8E		0	0	ELECTRIC	FORD	FOCUSBEV	110	99	105	0	$ 35,679.26	$ 20,234.34
SEDAN, SUBCOMPACT, PLUG-IN HEV	Low GHG Model	8P		1.4	4	GAS PHEV	GM	VOLT	101	93	98	81	$ 37,046.80	$ 21,601.88

LOW GHG VEHICLES

*****All Light Duty & Medium Duty Passenger Vehicles not on this list will require the agency to self-certify a Functional Needs or Alternative Measures Exemption. For more information on either excemption please contact GSA Automotive*****

SEDAN, COMPACT, 5 PASSENGER, 4 DOOR, 6 CYL ENGIN	Low GHG Model	9C		2.4	4	GAS	RP AUTO	SONATA	24	35	28	317	$ 17,469.97	$ -
SEDAN, COMPACT, 5 PASSENGER, 4 DOOR, 4 CYL ENGINE	Low GHG Model	9H		2.4	4	GAS HEV	RP AUTO	SONATAHYBR	35	40	37	240	$ 23,407.76	$ 7,962.84
SEDAN, COMPACT, 5 PASSENGER, 4 DOOR, 4 CYL ENGINE	Low GHG Model	9H		2.4	4	GAS HEV	GM	MALIBUECO	25	37	29	306	$ 23,533.00	$ 8,088.08
SEDAN, COMPACT, 5 PASSENGER, 4 DOOR, 4 CYL ENGINE	Low GHG Model	9H		2.5	4	GAS HEV	FORD	FUSIONHEV	47	44	46	190	$ 24,101.63	$ 8,656.71
SEDAN, MIDSIZE, HYBRID ELECTRIC VEHICLE	Low GHG Model	10H		2.4	4	GAS HEV	GM	LACROSECO	25	36	29	306	$ 27,977.00	$ 12,532.08
4X2 PICKUP, FULL SIZE, REGULAR CAB, MIN 6050 LBS GVWR	Low GHG Model - E85 ONLY	41		3.7	6	E85	FORD	F150	12/17	17/23	14/19	450/468	$ 15,554.00	$ -
4X2 PICKUP, FULL SIZE, REGULAR CAB, MIN 6050 LBS GVWR	Low GHG Model - E85 ONLY	41	IE1	3.7	6	E85	FORD	F150	12/17	17/23	14/19	450/468	$ 17,246.17	$ -
4X2 PICKUP, FULL SIZE, REGULAR CAB, MIN 6050 LBS GVWR	Low GHG Model - E85 ONLY	41		3.6	6	E85	CHRYSLER	RAM 1500	12/17	17/25	14/20	444/450	$ 18,786.00	$ -
4X2 PICKUP, FULL SIZE, EXTENDED CAB, MIN 6000 LBS GVWR	Low GHG Model - E85 ONLY	41C	E85 ,IE1	3.7	6	E85	FORD	F150	12/17	17/23	14/19	450/468	$ 17,217.47	$ 47.47
4X2 PICKUP, FULL SIZE, EXTENDED CAB, MIN 6000 LBS GVWR	Low GHG Model - E85 ONLY	41C		3.6	6	E85	CHRYSLER	RAM 1500	12/17	17/25	14/20	444/450	$ 20,149.50	$ 2,979.50
4X2 PICKUP, FULL SIZE, CREW CAB, MIN 6000 LBS GVWR	Low GHG Model - E85 ONLY	50		3.6	6	E85	CHRYSLER	RAM 1500	12/17	17/25	14/20	444/450	$ 22,169.50	$ -
4X2 PICKUP, FULL SIZE, CREW CAB, MIN 6000 LBS GVWR	Low GHG Model - E85 ONLY	50		3.7	6	E85	FORD	F150	12/17	17/23	14/19	450/468	$ 22,269.43	$ -
SUV, CROSSOVER, 4 DR, 5 PASS, MIN 4500 LBS GVWR	Low GHG Model	91		2.4	4	E85	GM	TERRAIN	15/22	22/32	18/26	350/342	$ 22,220.00	$ 2,626.00
SUV, CROSSOVER, 4 DR, 5 PASS, MIN 4500 LBS GVWR	Low GHG Model - E85 ONLY	91	IE1	3.6	6	E85	CHRYSLER	JOURNEY	12/17	18/25	15/20	420/444	$ 22,391.70	$ 2,797.70
SUV, CROSSOVER, 4 DR, 5 PASS, MIN 4500 LBS GVWR	Low GHG Model	91		2.4	4	GAS	RP AUTO	SANTA FE	22	33	26	342	$ 22,568.45	$ -
SUV, CROSSOVER, 4 DR, 5 PASS, MIN 4500 LBS GVWR	Low GHG Model - E85 ONLY	91	IE1	3.6	6	E85	GM	TERRAIN	13/17	22/24	16/20	393/444	$ 23,533.00	$ 3,939.00
SUV, CROSSOVER, 4 DR, 5 PASS, MIN 4500 LBS GVWR	Low GHG Model	91		3.7	6	GAS	FORD	EDGE	19	26	22	404	$ 25,096.48	$ -
SUV, CROSSOVER, 4 DR, 5 PASS, MIN 4500 LBS GVWR	Low GHG Model	91	IE1	2	4	GAS	FORD	EDGE	21	30	24	370	$ 25,981.24	$ -
SUV, CROSSOVER, 4 DR, 7 PASS, MIN 5800 LBS GVWR	Low GHG Model - E85 ONLY	91B		3.6	6	E85	CHRYSLER	DURANGO	12/16	17/23	14/19	450/468	$ 24,633.90	$ -
AWD SUV, CROSSOVER, 4 DR, 5 PASS, MIN 4500 LBS GVWR	Low GHG Model	96		2.4	4	GAS	RP AUTO	SANTA FE	21	28	23	386	$ 24,083.45	$ -
AWD SUV, CROSSOVER, 4 DR, 5 PASS, MIN 4500 LBS GVWR	Low GHG Model	96		2.4	4	E85	GM	TERRAIN	14/20	20/29	17/23	370/386	$ 24,139.00	$ 656.50
AWD SUV, CROSSOVER, 4 DR, 5 PASS, MIN 4500 LBS GVWR	Low GHG Model - E85 ONLY	96	IE1	3.6	6	E85	GM	TERRAIN	12/16	17/23	14/19	450/468	$ 25,452.00	$ 1,969.50

LOW GHG VEHICLES

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AWD SUV, CROSSOVER, 4 DR, 7 PASS, MIN 5800 LBS GVWR	Low GHG Model - E85 ONLY	96B		3.6	6	E85	CHRYSLER	DURANGO	12/16	17/23	14/19	450/468	$ 26,209.50	$ -
4X2 SUV, COMPACT, 4 DR, 5 PASS, MIN 4400 GVWR	Low GHG Model	98		2.5	4	GAS	FORD	ESCAPE	22	31	25	355	$ 20,450.48	$ -
4X2 SUV, COMPACT, 4 DR, 5 PASS, MIN 4400 GVWR	Low GHG Model	98		2.4	4	E85	GM	EQUINOX	15/22	22/32	18/26	350/342	$ 21,816.00	$ 1,365.52
4X2 SUV, COMPACT, 4 DR, 5 PASS, MIN 4400 GVWR	Low GHG Model	98	IE1	1.6	4	GAS	FORD	ESCAPE	23	33	26	342	$ 22,535.12	$ -
4X2 SUV, COMPACT, 4 DR, 5 PASS, MIN 4400 GVWR	Low GHG Model- E85 ONLY	98	IE1	3.6	6	E85	GM	EQUINOX	13/17	22/24	16/20	393/444	$ 23,129.00	$ 2,678.52
4X2 SUV, COMPACT, 4 DR, 5 PASS, MIN 4400 GVWR	Low GHG Model	98	IE2	2	4	GAS	FORD	ESCAPE	22	30	25	355	$ 23,508.76	$ -
4X2 SUV, COMPACT, MIN 4000 LBS GVWR	Low GHG Model	98A		2	4	GAS	CHRYSLER	PATRIOT	22	28	24	370	$ 16,261.00	$ -
4X2 SUV, COMPACT, MIN 4000 LBS GVWR	Low GHG Model	98A	IE1	2.4	4	GAS	CHRYSLER	PATRIOT	21	27	24	370	$ 16,616.52	$ -
4X4 SUV, COMPACT, 4 DR, 5 PASS, MIN 4500 GVWR	Low GHG Model	99		1.6	4	GAS	FORD	ESCAPE	22	30	25	355	$ 23,331.00	$ -
4X4 SUV, COMPACT, 4 DR, 5 PASS, MIN 4500 GVWR	Low GHG Model	99		2.4	4	E85	GM	EQUAWD	14/20	20/29	17/23	370/386	$ 23,725.00	$ 394.00
4X4 SUV, COMPACT, 4 DR, 5 PASS, MIN 4500 GVWR	Low GHG Model	99	IE1	2	4	GAS	FORD	ESCAPE	21	28	24	370	$ 24,304.64	$ -
4X4 SUV, COMPACT, 4 DR, 5 PASS, MIN 4500 GVWR	Low GHG Model - E85 ONLY	99	IE1	3.6	6	E85	GM	EQUAWD	12/16	17/23	14/19	450/468	$ 25,048.00	$ 1,717.00
4X2 SUV, INTERMEDIATE, 4 DR, 5 PASS, MIN 5300 LBS GVWR	Low GHG Model - E85 ONLY	100A		3.5	6	E85	FORD	EXPLORER	13/17	18/24	15/20	420/444	$ 23,951.24	$ -
4X2 SUV, INTERMEDIATE, 4 DR, 5 PASS, MIN 5300 LBS GVWR	Low GHG Model	100A	IE1	2	4	GAS	FORD	EXPLORER	20	28	23	386	$ 24,846.00	$ -
4X2 SUV, INTERMEDIATE, 4 DR, 5 PASS, MIN 5300 LBS GVWR	Low GHG Model - E85 ONLY	100A		3.6	6	E85	CHRYSLER	GRCHEROKEE	13/17	17/23	14/19	450/463	$ 24,846.00	$ 884.76
4X2 SUV, INTERMEDIATE, 4 DR, 5 PASS, W/ SPECIAL SVC PKG	Low GHG Model - E85 ONLY	100C	E85, DE1	3.6	6	E85	CHRYSLER	DURANGOSSV	12/16	17/23	14/19	450/468	$ 23,696.62	$ -
4X4 SUV, INTERMEDIATE, 4 DR, 5 PASS, MIN 5500 GVWR	Low GHG Model - E85 ONLY	105A		3.5	6	E85	FORD	EXPLORER	12/17	17/23	14/19	450/468	$ 25,494.42	$ -
4X4 SUV, INTERMEDIATE, 4 DR, 5 PASS, MIN 5500 GVWR	Low GHG Model - E85 ONLY	105A		3.6	6	E85	CHRYSLER	GRCHEROKEE	12/16	17/23	14/19	450/468	$ 27,270.00	$ -

VEHICLE ALLOCATION METHODOLOGY (VAM)

Checklist for Determining Optimal Vehicle Type and Size							
Section 1: Current Vehicle Information – Vehicle(s) Eligible for Replacement							
Tag No:	A-	Yr:		Odometer:			
Mfg:		Model:		S.I.N.			
Vehicle Type:				Drive:			
Contact Name:				Zip Code:			
City:				State:			
List Specialized Equip or Size (i.e. towing, etc.):							
Combined MPG:		Fuel Type:		AG No:			
Section 2: Current Vehicle Use Information							
USDA minimum use standards by vehicle type & size. Use annual miles or days used/trips. Use vehicle logs to determine days used or trips. Provide detailed justification to replace a vehicle that does not meet minimum standards. **Check appropriate block for vehicle type based on the gross vehicle weight ratio (GVWR). Use N/A if vehicle does not meet minimum standards. Provide a detailed justification in 5J.**							
Passenger Carrying (sedans/station wagons/vans)		FY Miles - 7,500		80 Days:			
Light Trucks/SUVs 4x2 or 4x4 (< 10,000 GVWR)		FY Miles - 5,000		80 Days:			
Medium Trucks/SUVs (10,000 to 20,500 GVWR)		FY Miles - 4,000		60 Days:			
Heavy Trucks (>20,501 GVWR)		FY Miles 4,000 (or 400 Hours)		60 Days:			
Section 3: Replacement Vehicle (New or Excess) Information							
S.I.N.:		Type:					
Mfg:		Model:					
List Specialized Equip or Size (i.e. towing, etc.)							
Fuel Type:		***GVWR:**		***g/Mile CO2:**			
Complete If Acquiring a Vehicle from Excess							
Current Odometer		VIN		Est. MPG			

***Prohibited from acquiring light-duty vehicles (LDV) and medium duty passenger vehicles (MDPV) that exceed maximum CO2 threshold (certain exceptions).** LDVs have a GVWR less than 8,500 lbs. MDPVs have a GVWR between 8,500 lbs & 10,000 lbs, and designed to transport less than 12 persons. Provide justification stating the need, including how available low greenhouse gas emitting vehicles cannot fill the need. Consider alternative options to offset non-low GHG emitting vehicle, such as replacing multi vehicles with single vehicle or multi vehicles with neighborhood electric vehicles, etc**. (Provide justification in 5I.)**

Vehicle Type	**Maximum g/Mile CO2 Threshold**
Passenger cars & vans	330 g/mile
E85 cars & vans **operating on E85**	375 g/mile
Light Duty Trucks, SUVs, MDPVS	415 g/mile
E85 light duty trucks, SUVs, or MDPVs **operating on alternative fuel**	460 g/mile

Section 4 –Type of Action (Comparing New to Replaced)	
Downgrade (such as mid-size to compact, 4x4 for 4x2, large SUV for intermediate, extended cab to regular, etc.):	
Replacement In Kind: (same SIN category or GVWR):	
Upgrade: (compact to mid, 4x2 to 4x4, regular cab to extended cab, compact SUV to intermediate, etc.): **Provide justification in 5D**.	

Section 5 – Vehicle Use Details	
A. For LDVs (less than 8500 GVWR) and MDPVs (less than 10,000 GVWR), does the vehicle have a g/Mile CO2 threshold under the maximum score. **Provide detailed justification in 5I.**	
B. Is the vehicle the minimum body size, engine size, & optional equipment necessary for the mission.	
C. Does the vehicle that you are replacing have a waiver from using alternative fuel? Is alternative fuel readily available? (AFV required when alternative fuel is within 5 miles or 15-minute drive for type of vehicle needed. Refer to www.afdc.energy.gov/afdc/locator/stations/)	
D. Describe the specific mission of the vehicle. Site conditions, terrain, geography, weather factors, etc., that explains the need for the specific vehicle size, including any upgrade.	

E. Identify primary season of use (i.e., year round, intermittent, months of concurrent use, spring, summer, fall, etc.)	
F. If a 4x4 vehicle is needed, is this intermittent use? State whether another vehicle available that could fulfill the need?	
G. How many individuals routinely occupy this vehicle (including operator)? How often is this number exceeded?	
H. If the unit needs a larger vehicle intermittently (such as to transport high number of passengers), can you fulfill need by borrowing another vehicle or use a short-term rental?	
I. State the exception for purchase of vehicle that exceeds the maximum g/Mile CO2 threshold. Include specific need, and how available low emitting vehicles cannot fill need. Include specific alternative measures (replacing multiple vehicles with single vehicle, replacing multi vehicles with neighborhood electric vehicles, etc.)	

J. Provide justification to replace vehicle that does not meet minimum use standards. State additional comments to justify vehicle replacement.	

Section 6 – Certification and Approval	
APO or Fundholder Certification and Approval	
	Signature and Date
AO Review and Approval	
	Signature and Date
BSC Fleet Manager Certification and Approval	
	Signature and Date