

DRAFT

**CONFIDENTIAL**

**Characterizing Vehicular  
Contributions to PM<sub>2.5</sub> in  
Fairbanks, Alaska**

**Volume 3: Description of Dynamometer  
Test Vehicles**

prepared for:

**Alaska Department of Environmental  
Conservation**

July 2011

prepared by:

Sierra Research, Inc.  
1801 J Street  
Sacramento, California 95811  
(916) 444-6666

## **Preface**

This volume contains detailed information, including in some cases confidential owner information, on 37 dynamometer test vehicles. The material is ordered by assigned vehicle number.

VEH #1

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2010 Make Chev Model Impala

Owner's name \_\_\_\_\_ and phone no. \_\_\_\_\_

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date \_\_\_/\_\_\_/\_\_\_

Time \_\_\_:\_\_\_

Odometer \_\_\_\_\_

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage): \_\_\_\_\_

Engine Displacement 3.9 3.9 liters or cubic inches # Cylinders 6

Engine family AGMKV103.9055 and Emission controls LDA/Tier 2 SFI/11025/1102 (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling Column

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # FDX 949 State AK

020 74743

VIN 2G1WB5EK6A1246562

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level _____	Condition _____	(Black/Clean?)
	Transmission Fluid	Level _____	Condition _____	
	Radiator Fluid	Level _____	Condition _____	

Staffer's Initials \_\_\_\_\_

Date \_\_\_\_\_

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Poor/  
Yes No

- |                                     |                          |   |
|-------------------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Vehicle is light-duty and gasoline-powered (no Diesels)   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Vehicle is Alaska-registered and has been used within the last month  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Has only one exhaust pipe/tip   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Does the vehicle have all season or normal winter tires<br>(as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Do the odometer and instrument gauges work?   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Are all warning lights off when engine is running?  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Are the brakes okay and is the vehicle SAFE to drive on the road?   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Does the block heater work?   |

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

VEH #1

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2010 Make Chev Model Impala

Owner's name \_\_\_\_\_ and phone no. \_\_\_\_\_

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date   /  /  

Time   :  

Odometer                     

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):  
\_\_\_\_\_  
\_\_\_\_\_

Engine Displacement 3.9 3.9 liters or cubic inches # Cylinders 6

Engine family ABMxv03.9055 and Emission controls LDA/Tier 2 SFI/14025/170 (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling Column

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # FDX 949 State AK

076 74743

VIN 2G1WB5EK6A124656Z

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level _____	Condition _____	(Black/Clean?)
	Transmission Fluid	Level _____	Condition _____	
	Radiator Fluid	Level _____	Condition _____	

Staffer's Initials \_\_\_\_\_ Date \_\_\_\_\_

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

VETT #2

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 83 Make Jeep Model CJ/Wrangler CJ7

Owner's name Patty Peisor and phone no. 479-4668

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/12/11

Time 5:00

Odometer 89577

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 258 liters or cubic inches # Cylinders 6

Engine family DAM258TZ15XR and Emission controls Federal (from under hood label)

Transmission (circle auto or manual) manual Drive wheels (circle F, R, AWD) R Exhaust (circle L or R side) L

Traction Control (circle Y or N) N and location for disabling \_\_\_\_\_

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # BNH 586 State AK

VIN 1JCCN87E0DT059843

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <u>G</u>	Condition <u>C</u> (Black/Clean?)
Transmission Fluid	Level <u>G</u>	Condition <u>C</u>
Radiator Fluid	Level <u>C</u>	Condition <u>C</u>

Staffer's Initials PC

Date 1/12/11

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

T. A. H. J. - 1-21-02

**PARTICIPATION AGREEMENT**

Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make     1983 Jeep

Model             CJ7

VIN                1JCCN87E0D T059843

Alaska Plate No. BNH 580

to Fairbanks North Star Borough for a period of up to 30 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

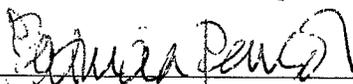
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Sierra will make an initial payment of \$100 cash upon first taking receipt of the vehicle; the remainder will be paid when the vehicle is returned to the participant.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 4/14/2011



Vehicle Owner (Signature)

Patty Peirsol

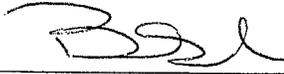
(Printed Name)

2610 Davis Road

(Street/P.O. Box)

Fairbanks, AK 99709

(City/ZIP)



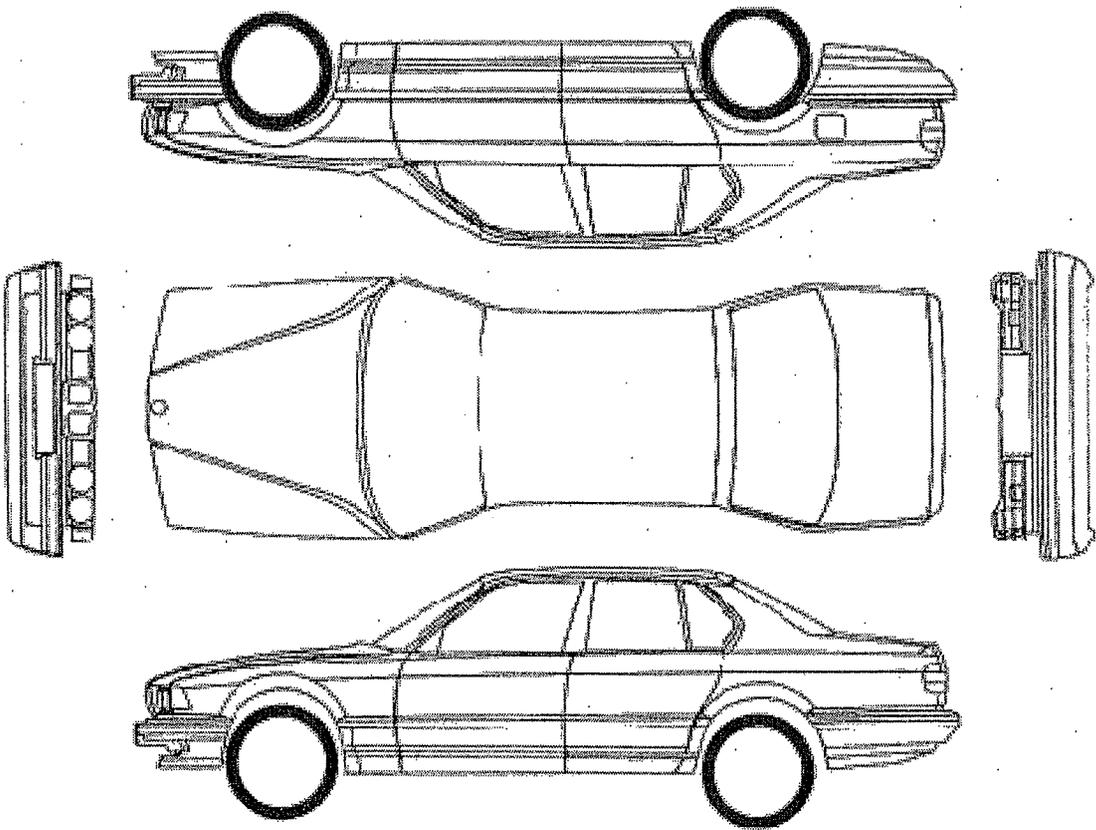
Signature of Authorized Fairbanks North Star  
Borough Representative

479-8668 work

TRIMLINE SYSTEMS

INSPECTION SHEET

DATE: 1 11 INSPECTION CARRIED OUT BY: R D E  
MAKE/MODEL: CJ7 Jeep REGISTRATION No: 1JCCN87E00T059843



INSPECTION COMMENTS: Replace Tires

OWNERS SIGNATURE: [Signature] DATE: 11/11 Jeep

VEH #3

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1991 Make Nissan Model SENTRA

Owner's name JEFF PEDERSON and phone no. 479-0734

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/12/11

Time 4:50

Odometer 138560

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 1.6 liters or cubic inches # Cylinders 4

Engine family MNSI.6U5FAAZ and Emission controls FEDERAL (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling \_\_\_\_\_

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # DHM999 State AK MILEAGE AT PRE INSPECTION

VIN 1N4EB32A8MC706771 138,408

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level	<u>low</u>	Condition	<u>Blk</u> (Black/Clean?)
Transmission Fluid	Level	<u>2</u>	Condition	<u>3</u>
Radiator Fluid	Level	<u>2</u>	Condition	<u>1</u>

Staffer's Initials JE

Date 1 12 11

SNOW TRACKERS - NO STUDS. HAS OTHER WINTER TIRES NOT SOFT COMPOUND

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires <i>SEE NOTE</i> (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

Jeff Pedersen

**PARTICIPATION AGREEMENT**

Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make     1991 Nissan  
Model             Sentra  
VIN                1N4EB32A8ML700771  
Alaska Plate No. DHM 999

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Sierra will make an initial payment of \$100 cash upon first taking receipt of the vehicle; the remainder will be paid when the vehicle is returned to the participant.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 12 11

  
\_\_\_\_\_  
Vehicle Owner (Signature)

Jeff Pederson

\_\_\_\_\_  
(Printed Name)

PO Box 82085

\_\_\_\_\_  
(Street/P.O. Box)

Fairbanks, AK 99708

\_\_\_\_\_  
(City/ZIP)

  
\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

479-0734 home

# TRIMLINE SYSTEMS

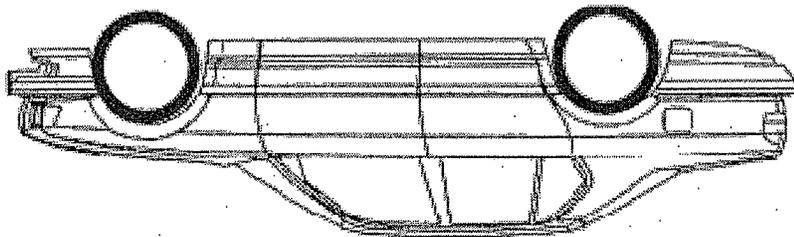
## INSPECTION SHEET

DATE:

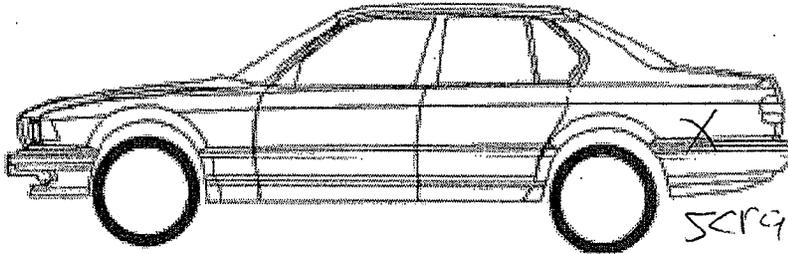
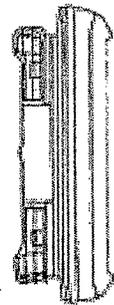
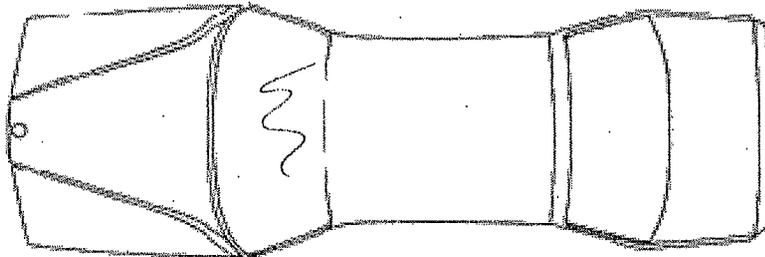
INSPECTION CARRIED OUT BY:

MAKE/MODEL: *Nissan Sentra*

REGISTRATION No: *IN4EB32A8MC700771*



*Plat*  
*Damage*



INSPECTION COMMENTS: *Bumper RR Damage Trunk Damage*

*Window Damage*

OWNERS SIGNATURE: *Jeffrey Lester*

DATE: *1/12/2011*

VEN #4

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1993 Make Honda Model Accord

Owner's name Achim Brauser and phone no. 479-2821

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/12/11

Time 6:30

Odometer 98940

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 2.2 liters or cubic inches # Cylinders 4

Engine family \_\_\_\_\_ and Emission controls Federal (from under hood label)

Transmission (circle auto or manual) manual Drive wheels (circle F, R, AWD) F Exhaust (circle L or R side) (see note)

Traction Control (circle Y or N) and location for disabling \_\_\_\_\_

Tires suitable for dyno (Y or N) if No, are summer tires (on rims) available Y or N)?

License # CN0810 State AK

ODO-98,850

VIN 1HGCB7553PA018065

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <u>G</u>	Condition <u>C</u>	(Black/Clean?)
Transmission Fluid	Level <u>G</u>	Condition <u>C</u>	
Radiator Fluid	Level <u>G</u>	Condition <u>C</u>	

Staffer's Initials KE

Date 1/12/11

\* Dual exhaust, one muffler. Need to plug one hole



## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

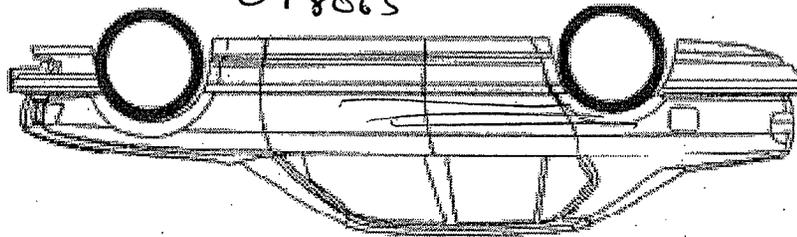
Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Has only one exhaust pipe/tip, <i>need to plug one hole</i>
<input type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires -- neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

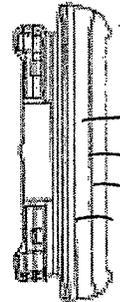
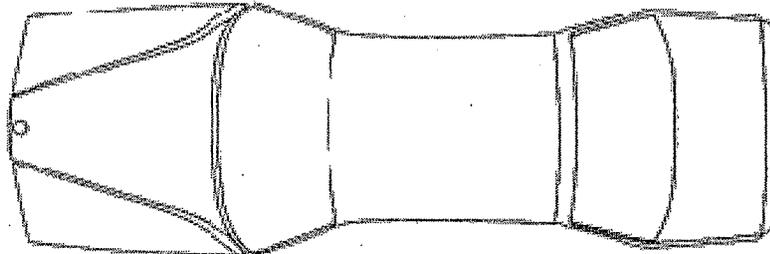
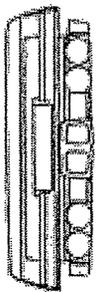
# TRIMLINE SYSTEMS

## INSPECTION SHEET

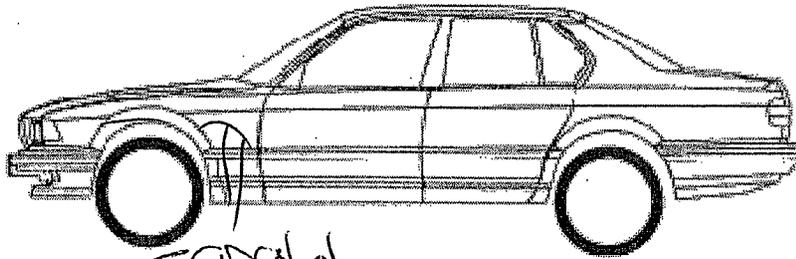
DATE: 1 11 INSPECTION CARRIED OUT BY: ROD E.  
MAKE/MODEL: HGCB 7553PA 018065 REGISTRATION No: HONDA ACCORD



Slight dents



Scratch



Scratch

INSPECTION COMMENTS:

OWNERS SIGNATURE:

DATE:

1 12 11

Adam Krauser

**PARTICIPATION AGREEMENT**  
Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make     1993 Honda  
Model             Accord  
VIN                1HGCB7553PA018065  
Alaska Plate No. CNW810

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

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The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 / 2 / 11



\_\_\_\_\_  
Vehicle Owner (Signature)

Achim Brauser

\_\_\_\_\_  
(Printed Name)

4357 York Avenue

\_\_\_\_\_  
(Street/P.O. Box)

Fairbanks, AK 99709

\_\_\_\_\_  
(City/ZIP)

479-2821 home



\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

VEH#5

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1988 Make Plymouth Model Reliant (Valiant)

Owner's name Layne, St John and phone no. 479-2805

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/12/11

Time 14:30

Odometer 59138

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 2.5 liters or cubic inches # Cylinders 4

Engine family \_\_\_\_\_ and Emission controls Federal (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling \_\_\_\_\_

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # CCP 626 State AK add mt pre insp 59071

VIN 1D3BP46K9JC259073

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<u>G</u>	Condition	<u>C</u>	(Black/Clean?)
	Transmission Fluid	Level	<u>G</u>	Condition	<u>C</u>	
	Radiator Fluid	Level	<u>C</u>	Condition	<u>C</u>	

Staffer's Initials VR

Date 1/12/11

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work? - <i>check for coolant leak</i>

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

Wayne St. John

**PARTICIPATION AGREEMENT**

Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 1988 Plymouth  
Model Valiant  
VIN 1P3BP76L9JC259073  
Alaska Plate No. CCP 626

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

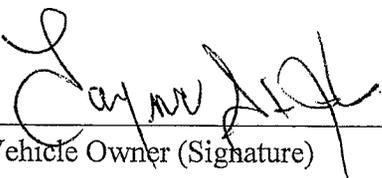
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Sierra will make an initial payment of \$100 cash upon first taking receipt of the vehicle; the remainder will be paid when the vehicle is returned to the participant.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 12 11



\_\_\_\_\_  
Vehicle Owner (Signature)

Layne St. John

\_\_\_\_\_  
(Printed Name)

281 Henderson Road South

\_\_\_\_\_  
(Street/P.O. Box)

Fairbanks, AK 99709

\_\_\_\_\_  
(City/ZIP)

\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

Layne's cell phone 378-7005  
Brother-in law is Jerry Duncan 304-1864 – contact for pickup

TRIMLINE SYSTEMS

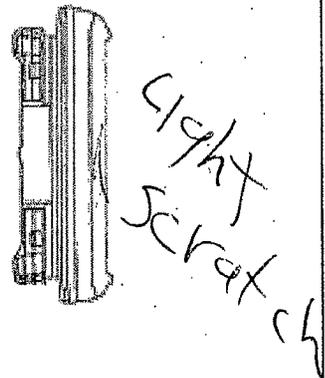
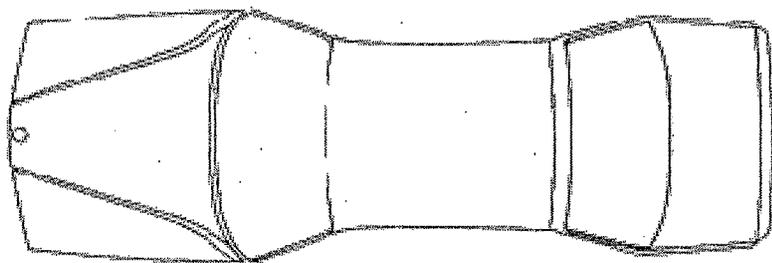
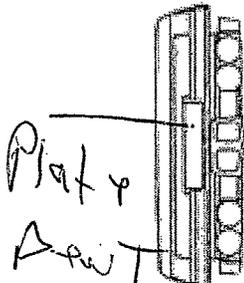
INSPECTION SHEET

DATE: 1 12 11

INSPECTION CARRIED OUT BY: Rob Evans

MAKE/MODEL: Plymouth Reliant

REGISTRATION No: 1 P 3BN 76K 9JC 258073



INSPECTION COMMENTS: DENT PRX DOOR, LIGHT DENT DRIVER  
LIGHT SCRATCH BUMPER FRT PLATE DENT

OWNERS SIGNATURE

*Handwritten signature*

DATE: 1 12 11

VEH #6

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2010 Make Ford Model Van

Owner's name James Winslow and phone no. 457-1798

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/12/11

Time 13:20

Odometer 9276.1

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage): WINDOW CRACK

Engine Displacement \_\_\_\_\_ liters or cubic inches # Cylinders 10

Engine family \_\_\_\_\_ and Emission controls TWC/HO2S/SF/HAPS (from under hood label)

Transmission (circle auto or manual) auto Drive wheels (circle F, R, AWD) R Exhaust (circle L or R side) R

Traction Control (circle Y or N) and location for disabling on dash

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)? Y

License # G36 887 State AK pre insp ODO 9259.7

VIN 1FB553B18ADA43821

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<u>F</u>	Condition	<u>C/can</u> (Black/Clean?)
	Transmission Fluid	Level	<u>F</u>	Condition	<u>C</u>
	Radiator Fluid	Level	<u>F</u>	Condition	<u>C</u>

Staffer's Initials \_\_\_\_\_

Date \_\_\_\_\_

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

James W. Glaw

**PARTICIPATION AGREEMENT**  
Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make    2010 Ford  
Model            Van V-10  
VIN                1FBS53BL8ADA43821  
Alaska Plate No. GBG 887

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Sierra will make an initial payment of \$100 cash upon first taking receipt of the vehicle; the remainder will be paid when the vehicle is returned to the participant.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1-12-11



Vehicle Owner (Signature)

James Winslow

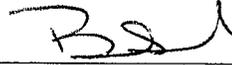
(Printed Name)

PO Box 60866

(Street/P.O. Box)

Fairbanks, AK 99706

(City/ZIP)



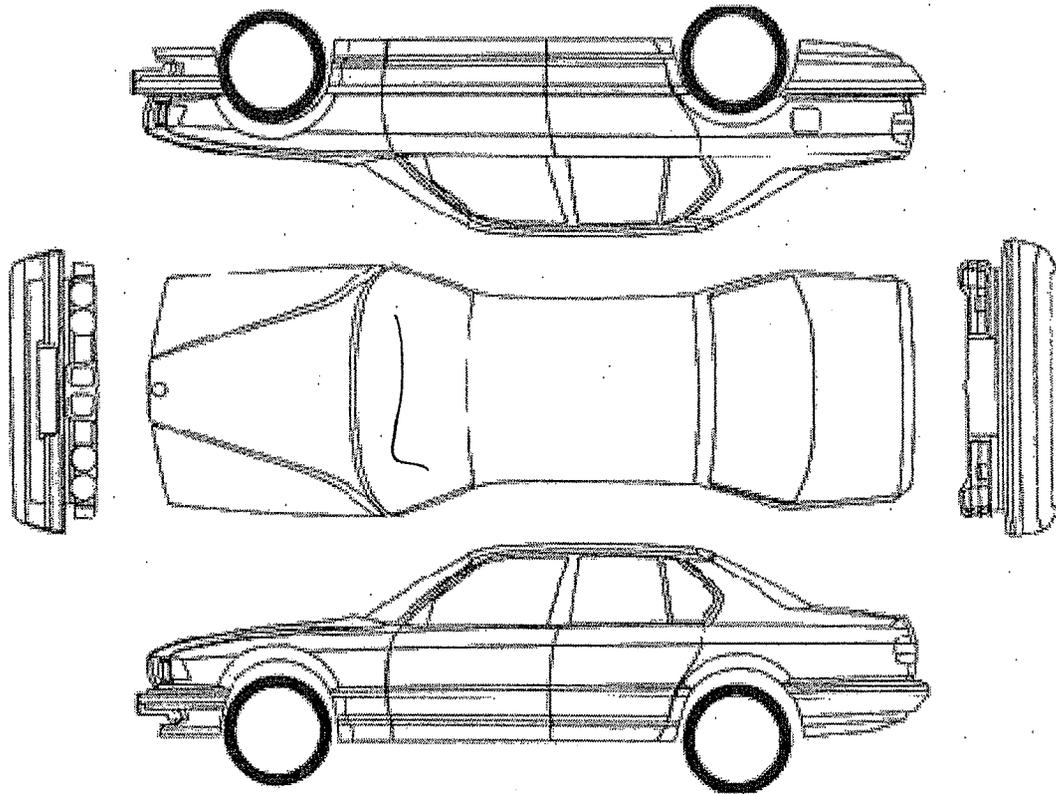
Signature of Authorized Fairbanks North Star  
Borough Representative

457-1798 work

**TRIMLINE SYSTEMS**

**INSPECTION SHEET**

DATE: 1 12 11 INSPECTION CARRIED OUT BY: [Signature]  
MAKE/MODEL: 2010 FORD VAN REGISTRATION No: \_\_\_\_\_



INSPECTION COMMENTS: Crack window  
\_\_\_\_\_  
\_\_\_\_\_

OWNERS SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

VEH # 7

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2002 Make Ford Model Windstar

Owner's name April Peterson and phone no. 488-8518

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/12/11

Time 12:04pm

Odometer 102,755.4

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage): Cracked windshield

Engine Displacement 3.8 liters or cubic inches # Cylinders 6

Engine family \_\_\_\_\_ and Emission controls CAF (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F or AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling \_\_\_\_\_

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # EEA-480 State AK ODO-102,365

VIN 2FMZA51442BB659Z

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level _____	Condition _____	(Black/Clean?)
	Transmission Fluid	Level _____	Condition _____	
	Radiator Fluid	Level _____	Condition _____	

Staffer's Initials \_\_\_\_\_ Date \_\_\_\_\_

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires -- neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

# TRIMLINE SYSTEMS

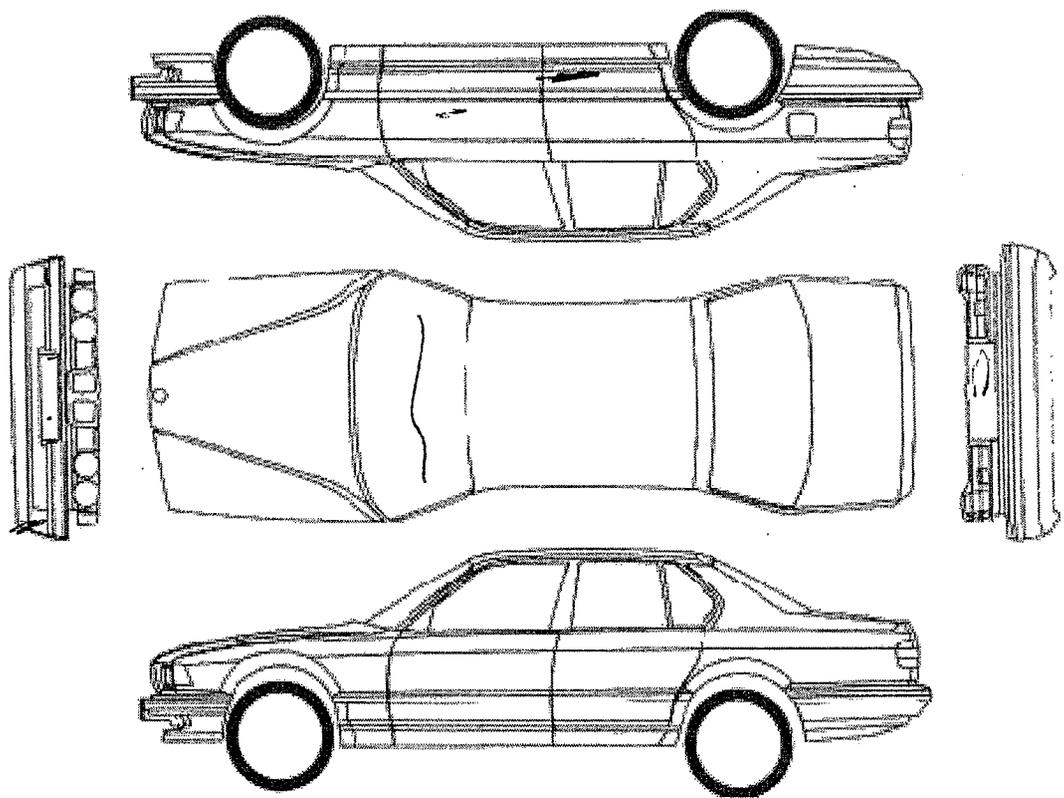
## INSPECTION SHEET

DATE: 1/12/11

INSPECTION CARRIED OUT BY: Rodney

MAKE/MODEL: GZ WINDSTAR

REGISTRATION No:



INSPECTION COMMENTS:

Window Crack  
in. Crack right wiper, scuffs left bumper  
indents under license plate in back passenger side window  
off. Front license plate bent. Scuff front passenger door

OWNERS SIGNATURE:

*[Handwritten Signature]*

DATE:

1 12 11

April Peterson

### PARTICIPATION AGREEMENT

Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make    2002 Ford  
Model            Windstar  
VIN                2FMZA51442BB6592  
Alaska Plate No. EEA-480

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

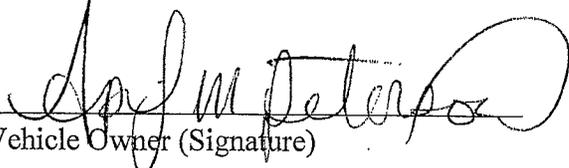
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Sierra will make an initial payment of \$100 cash upon first taking receipt of the vehicle; the remainder will be paid when the vehicle is returned to the participant.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 12 11

  
\_\_\_\_\_  
Vehicle Owner (Signature)

April Peterson

(Printed Name)

PO Box 56716

(Street/P.O. Box)

North Pole , AK 99705

(City/ZIP)

\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

488-8518 home

VEH #8

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1995 Make MAZDA Model PROTEGE

Owner's name MARCELLA Hill and phone no. 479-0241

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/13/11

Time 2:29

Odometer 81039

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 1.5 liters or cubic inches # Cylinders 4

Engine family STK1.5VJGPEK and Emission controls FEDERAL (from under hood label)

Transmission (circle auto or manual) auto Drive wheels (circle F, R, AWD) F Exhaust (circle L or R side) R

Traction Control (circle Y or N) and location for disabling N

Tires suitable for dyno (Y or N) if No, are summer tires (on rims) available (Y or N)? N

License # CYN283 State AK

MILEAGE AT INSPECTION 80,996

VIN JM1BA141450176552

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<u>0</u>	Condition	<u>C</u>	(Black/Clean?)
	Transmission Fluid	Level	<u>0</u>	Condition	<u>C</u>	
	Radiator Fluid	Level	<u>0</u>	Condition	<u>C</u>	

Staffer's Initials RSE

Date 1/13/11

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

**PARTICIPATION AGREEMENT**  
Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make	<u>1995 Mazda</u>
Model	<u>Protege</u>
VIN	<u>JM1BA141450176552</u>
Alaska Plate No.	<u>CYN283</u>

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

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The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 01-13-11

Marcella Hill

Vehicle Owner (Signature)

Marcella Hill

(Printed Name)

1548 Westwood Way

(Street/P.O. Box)

Fairbanks, AK 99709

(City/ZIP)

479-0241 home, 347-5321 cell

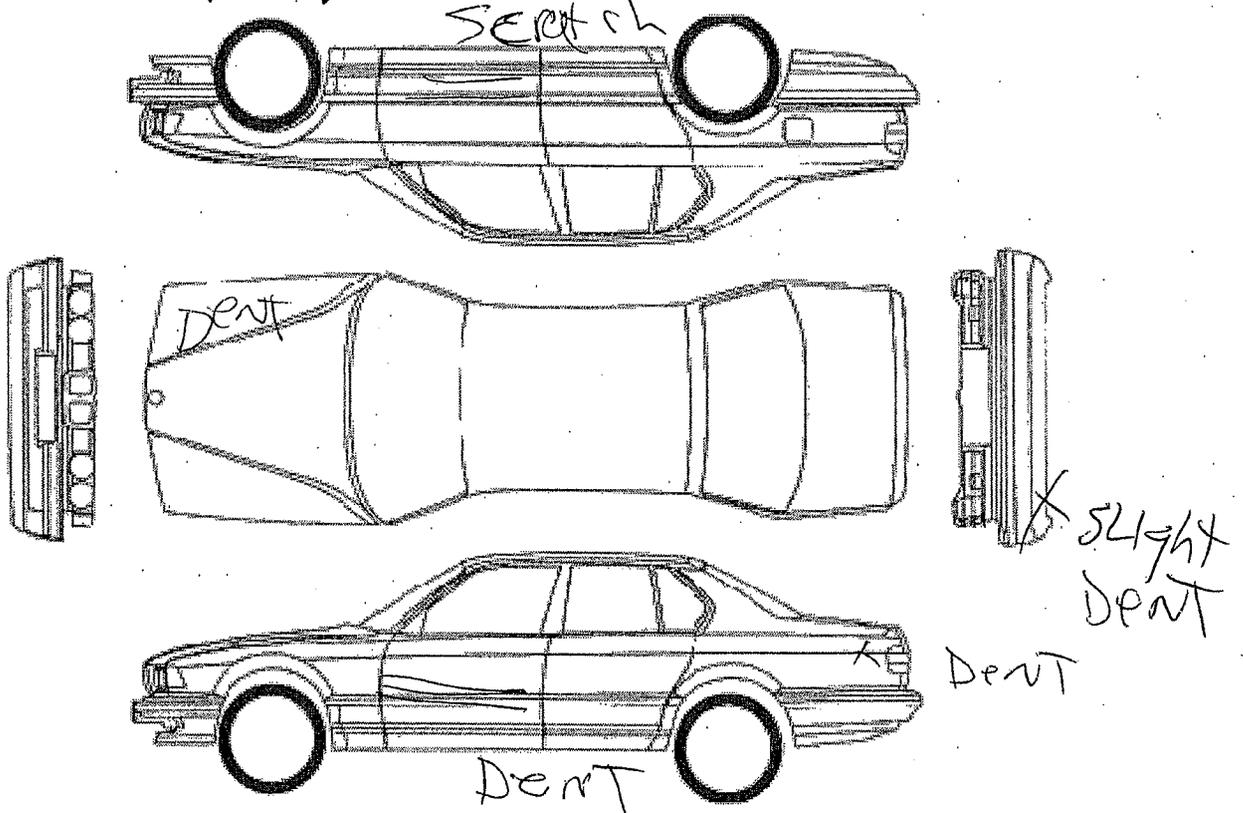
Malin Coll

Signature of Authorized Fairbanks North Star  
Borough Representative

# TRIMLINE SYSTEMS

## INSPECTION SHEET

DATE: 1-13-11 INSPECTION CARRIED OUT BY: Rod E.  
MAKE/MODEL: MAZDA Protege REGISTRATION No: \_\_\_\_\_



INSPECTION COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

OWNERS SIGNATURE: Marcella D. Felle DATE: 1 13 11



## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

*brakes seen  
FLW was low*

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

VEH #10

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 06 Make Ford Model Expedition

Owner's name COATE and phone no. \_\_\_\_\_

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date  / /

Time  :

Odometer 34732

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 5.4 liters or cubic inches # Cylinders 8

Engine family 6FM70S4R17 and Emission controls TWC/HDS/BFI (from under hood label)

Transmission (circle auto or manual) auto Drive wheels (circle F/R, AWD) R Exhaust (circle L or R side) R

Traction Control (circle Y or N) and location for disabling CONSULT

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)? no

License # EVF998 State AK SCOT II

VIN 1FMPU165X6LA09086

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <u>X</u>	Condition _____	(Black/Clean?)
Transmission Fluid	Level <u>X</u>	Condition _____	
Radiator Fluid	Level <u>X</u>	Condition _____	

Staffer's Initials BS

Date \_\_\_\_\_

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

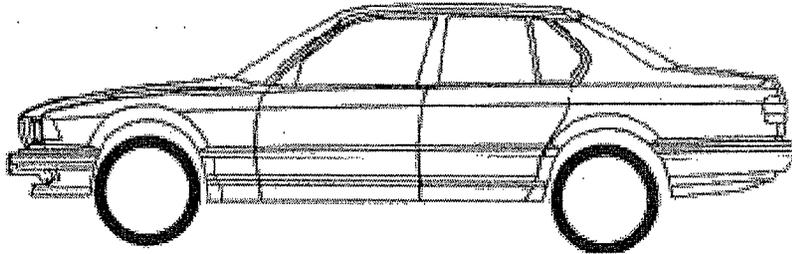
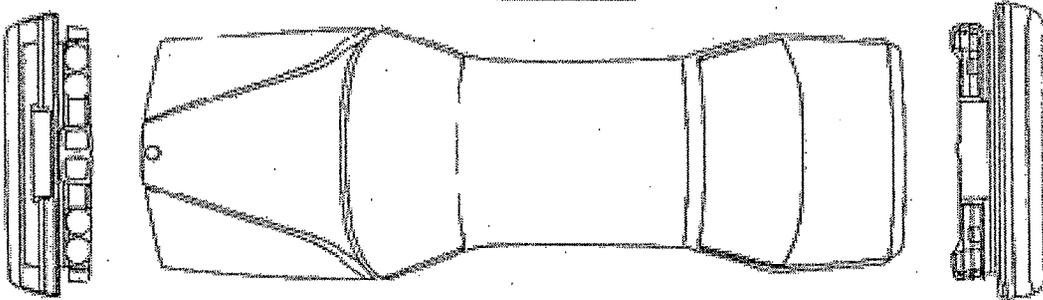
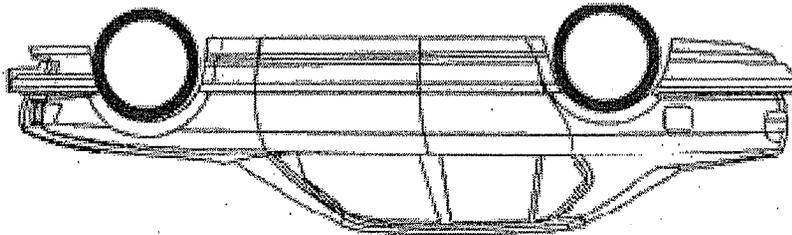
# TRIMLINE SYSTEMS

## INSPECTION SHEET

DATE: 1 12 11

INSPECTION CARRIED OUT BY: *Redy G*

MAKE/MODEL: Ford Expedition REGISTRATION No: IFMFUJ65X62A09086



INSPECTION COMMENTS: Dent RT Bumper PAXSIDE SLT Dent HOOD

OWNERS SIGNATURE:

DATE: 1 12 11

RAMON CORTAZ

USC - 7967

CSL 347 3883

2006 EXPEDITION  
BLUE

EVF 992

had to drop off early, was expected at 2:30  
by Kelly

Mary Cortez

VEH # 10

**PARTICIPATION AGREEMENT**

Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 2006 Ford

Model Expedition

VIN 1FMTG6SX6LAD786

Alaska Plate No. \_\_\_\_\_

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

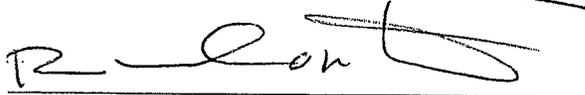
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Sierra will make an initial payment of \$100 cash upon first taking receipt of the vehicle; the remainder will be paid when the vehicle is returned to the participant.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: \_\_\_\_\_

RAMON CORTAZ  


\_\_\_\_\_  
Vehicle Owner (Signature)

Mary Cortez

\_\_\_\_\_  
(Printed Name)

1419 Lathrop

\_\_\_\_\_  
(Street/P.O. Box)

Fairbanks, AK 99701

\_\_\_\_\_  
(City/ZIP)

\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

BJ Cortez, spouse, cell number 347-3883

VEH #11

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2000 Make Toyota Model P/U TACOMA 4WD

Owner's name George Riley and phone no. 322-1955

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date   /  /  

Time   :  

Odometer           

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Engine Displacement 2.7 liters or cubic inches # Cylinders 4

Engine family \_\_\_\_\_ and Emission controls Federal (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling \_\_\_\_\_

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # FDC 860 State AK ODO at pre insp - 86,555

VIN 4TAPM62N84Z682353

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level _____	Condition _____	(Black/Clean?)
	Transmission Fluid	Level _____	Condition _____	
	Radiator Fluid	Level _____	Condition _____	

Staffer's Initials \_\_\_\_\_ Date \_\_\_\_\_

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

George Riley

**PARTICIPATION AGREEMENT**

Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 2000 Toyota  
Model Pick-up  
VIN 4TAPM62N842682353  
Alaska Plate No. FDL 860

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

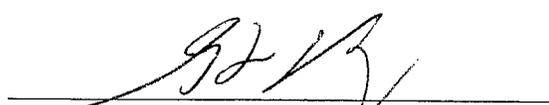
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Sierra will make an initial payment of \$100 cash upon first taking receipt of the vehicle; the remainder will be paid when the vehicle is returned to the participant.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1/13/11



Vehicle Owner (Signature)

George Riley

(Printed Name)

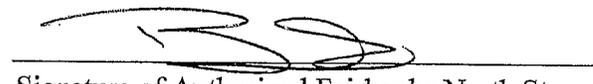
OI Box 64

(Street/P.O. Box)

Ester, AK 99725

(City/ZIP)

Cell phone 322-1955



Signature of Authorized Fairbanks North Star  
Borough Representative

# TRIMLINE SYSTEMS

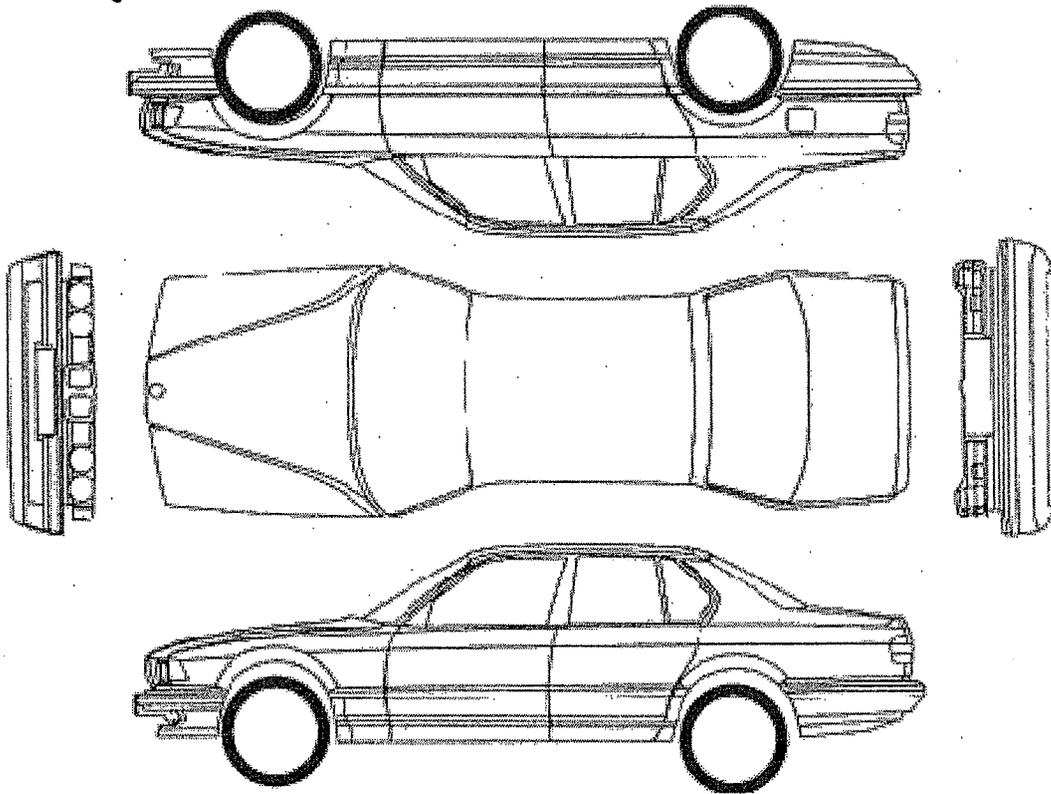
## INSPECTION SHEET

DATE:

INSPECTION CARRIED OUT BY:

MAKE/MODEL: *Toyota*

REGISTRATION No: *4TAPM62N842682353*



INSPECTION COMMENTS:

.....  
.....  
.....

OWNERS SIGNATURE:

DATE:

.....

VEH #12

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1997 <sup>DOB</sup> ~~1998~~ Make Toyota Model PU 4WD

Owner's name Julie Rowland and phone no. 451-5134

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/12/11

Time 5:00

Odometer 146940

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 2.7 liters or cubic inches # Cylinders 6

Engine family 1YZ71H6REK and Emission controls Federal (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F R AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # FPV 309 State AK

ODO - 146,910

VIN 4TAJM72NXT2192667

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<u>Low</u>	Condition	<u>C</u>	(Black/Clean?)
	Transmission Fluid	Level	<u>2</u>	Condition	<u>2</u>	
	Radiator Fluid	Level	<u>2</u>	Condition	<u>.2</u>	

Staffer's Initials OR

Date 1/12/11

*Kent said will clean  
Battery Jar*

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.



Julie Rowland

**PARTICIPATION AGREEMENT**

Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 1997 Toyota

Model Pick-up

VIN 4TAWM72NXT2192667

Alaska Plate No. FPV 309

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

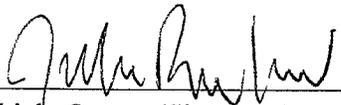
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Sierra will make an initial payment of \$100 cash upon first taking receipt of the vehicle; the remainder will be paid when the vehicle is returned to the participant.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 12 11

  
\_\_\_\_\_  
Vehicle Owner (Signature)

Julie Rowland  
\_\_\_\_\_  
(Printed Name)

3185 Monteverde  
\_\_\_\_\_  
(Street/P.O. Box)

Fairbanks, AK 99709  
\_\_\_\_\_  
(City/ZIP)

  
\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

455-4098 home  
451-5134 work

# TRIMLINE SYSTEMS

## INSPECTION SHEET

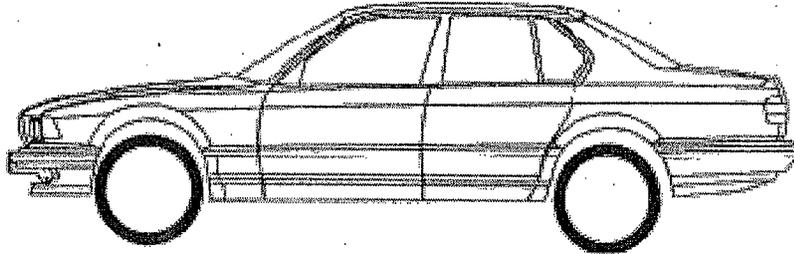
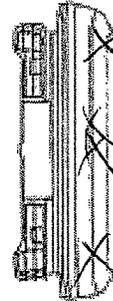
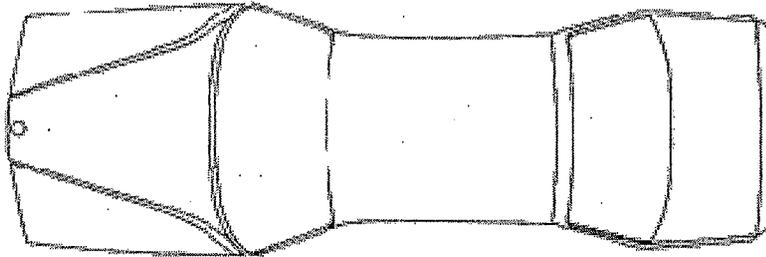
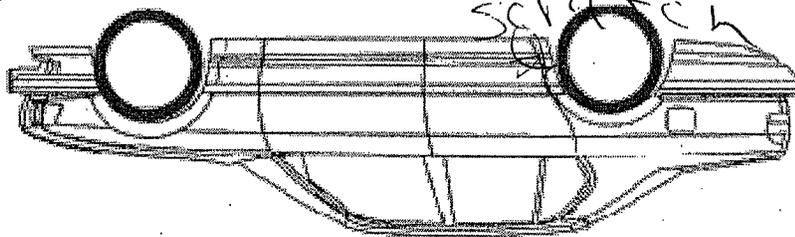
DATE:

9/7

INSPECTION CARRIED OUT BY:

MAKE/MODEL: Toyota

REGISTRATION No: 4TAWM72NXT2192667



INSPECTION COMMENTS:

RR Bumper DENTS Tail Gate

OWNERS SIGNATURE:

*John Andrew*

DATE:

1 12 11

VEH#13

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 96 Make CHEVROLET Model K1500 P/U

Owner's name CHRISTY DEHAUEN and phone no. 907-459-1008

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/12/11

Time 14:30

Odometer 102165.4

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 5.0 liters or cubic inches # Cylinders 8

Engine family TGM 5.68 PG BEK and Emission controls FEDERAL (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling \_\_\_\_\_

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # DLV153 State AK ODOMETER AT PRE INSPECTION 102,126

VIN 2GCEK19M3T117938

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<u>C</u>	Condition	<u>Blk</u> (Black/Clean?)
	Transmission Fluid	Level	<u>?</u>	Condition	<u>?</u>
	Radiator Fluid	Level	<u>?</u>	Condition	<u>?</u>

Staffer's Initials RE

Date 1/12/11

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

**PARTICIPATION AGREEMENT**

Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 1996 Chevy  
Model Silverado  
VIN 2GCEK19M2T1117938  
Alaska Plate No. DLV153

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Sierra will make an initial payment of \$100 cash upon first taking receipt of the vehicle; the remainder will be paid when the vehicle is returned to the participant.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1/11/11

Christina DeHaven

Vehicle Owner (Signature)

Christina DeHaven

(Printed Name)

PO Box 58377

(Street/P.O. Box)

Fairbanks, AK 99711

(City/ZIP)

Cell phone 322-8132

BA

Signature of Authorized Fairbanks North Star  
Borough Representative

# TRIMLINE SYSTEMS

## INSPECTION SHEET

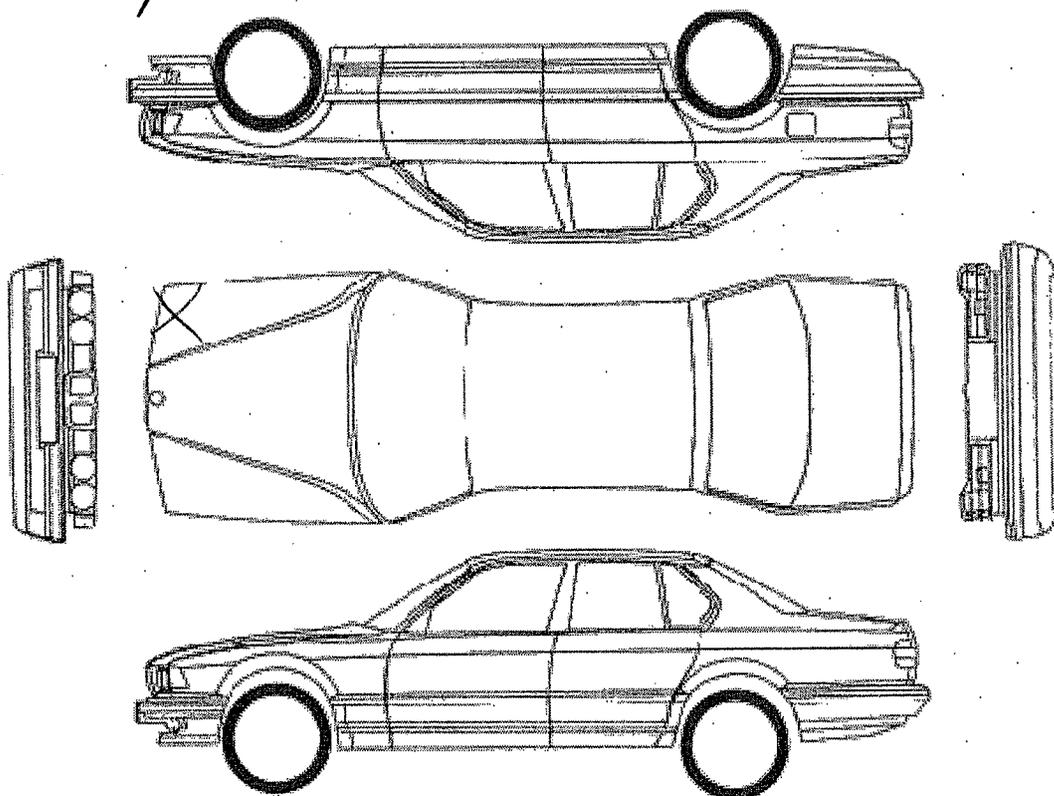
DATE: 1-12-11

INSPECTION CARRIED OUT BY: *RK*

MAKE/MODEL: Chevy Silverado

REGISTRATION No:

26CEK19M2T1117938



INSPECTION COMMENTS:

LT DRNT FRT Plate, Bug Shield  
Broke,

OWNERS SIGNATURE:

DATE:

1 12 11

VEH # 14

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2004 Make Nissan Model Frontier

Owner's name Anna Bryan and phone no. 347-3085

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/16/11

Time 13:10

Odometer 54695

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Battery Dirty could clean

Engine Displacement 3.3 liters or cubic inches # Cylinders 6

Engine family \_\_\_\_\_ and Emission controls CA (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, 4AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling \_\_\_\_\_

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # EW9 419 State AK 600-84,367

VIN 1N6ED29484C478263

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <u>G</u>	Condition <u>C</u>	(Black/Clean?)
Transmission Fluid	Level <u>G</u>	Condition <u>C</u>	
Radiator Fluid	Level <u>C</u>	Condition <u>C</u>	

Staffer's Initials KA Date 1/16/11

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

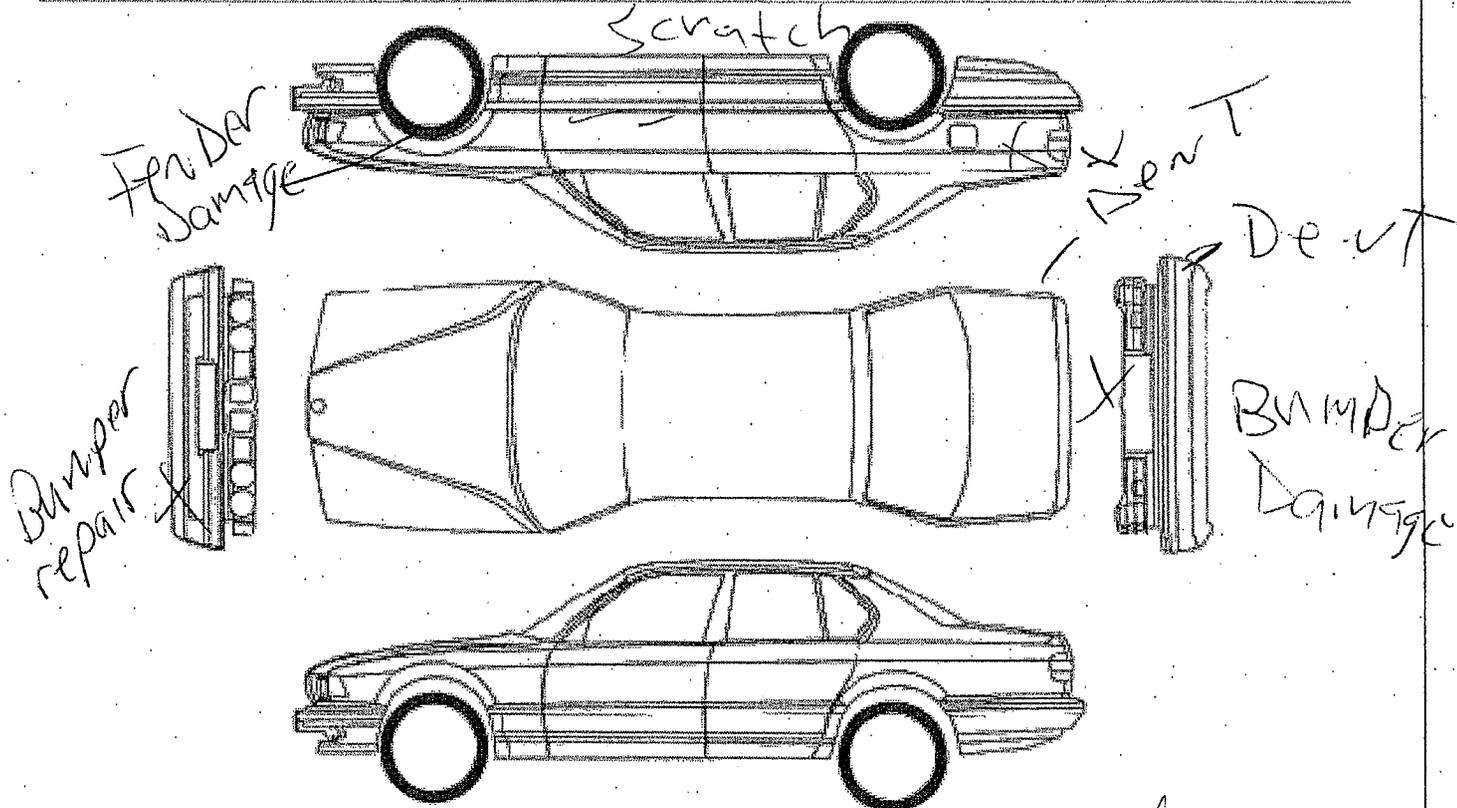
Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

# TRIMLINE SYSTEMS

## INSPECTION SHEET

DATE: 1/16/11 INSPECTION CARRIED OUT BY: ROD E  
MAKE/MODEL: NISSAN FRONTIER REGISTRATION No:



INSPECTION COMMENTS:

Battery Dirty could clean

OWNERS SIGNATURE:

*[Signature]*  
for Anna Brown

DATE:

Jan 16

**PARTICIPATION AGREEMENT**

Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 2004 Nissan  
Model Frontier  
VIN 1N6ED29Y84C478263  
Alaska Plate No. ZWY 419

to Fairbanks North Star Borough for a period of up to 7 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 16 11

*Anna Bryan*  
*for Anna Bryan*  
\_\_\_\_\_  
Vehicle Owner (Signature)

\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

\_\_\_\_\_  
Anna Bryan  
(Printed Name)

\_\_\_\_\_  
PO Box 82819  
(Street/P.O. Box)

\_\_\_\_\_  
Fairbanks, AK 99708  
(City/ZIP)

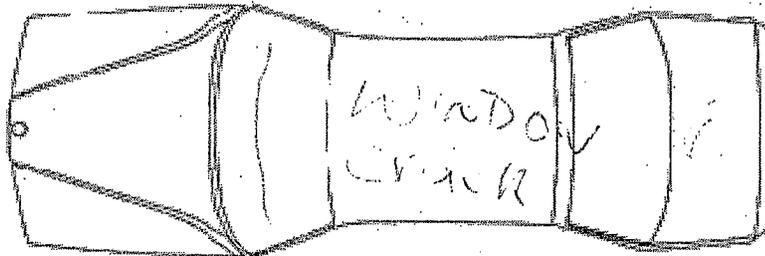
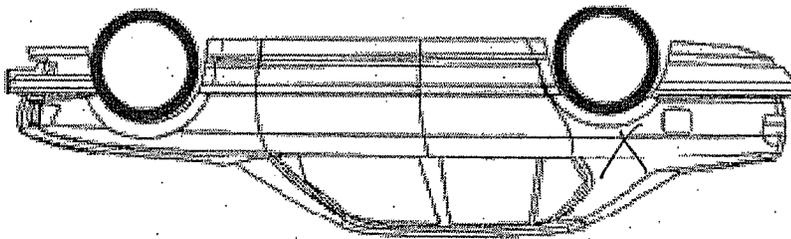
347-3085 cell

WHICH VEHICLE?

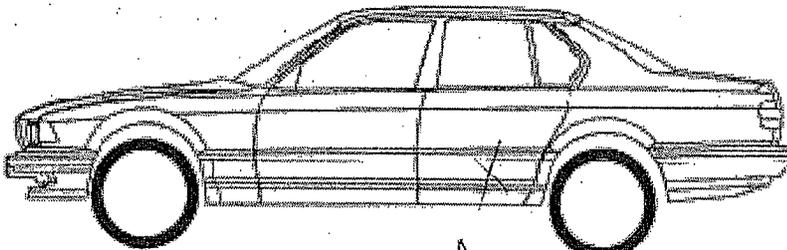
# TRIMLINE SYSTEMS

## INSPECTION SHEET

DATE: \_\_\_\_\_ INSPECTION CARRIED OUT BY: \_\_\_\_\_  
MAKE/MODEL: \_\_\_\_\_ REGISTRATION No: \_\_\_\_\_



Subs  
Tail  
Gate



INSPECTION COMMENTS: \_\_\_\_\_

Oil cut, freeze

OWNERS SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

VEH #15

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2002 Make DODGE Model DAKOTA 4WD

Owner's name BILL HOLDEN and phone no. 460-0871

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/16/11

Time 13:10

Odometer 104805

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

could yo cr ~~R~~ Radiator fluid

Engine Displacement 4.7 liters or cubic inches # Cylinders 8

Engine family 2CRX704.7201 and Emission controls FEDERAL (from under hood label)

Transmission (circle  auto or manual) Drive wheels (circle F,  R, AWD) Exhaust (circle L or  R side)

Traction Control (circle Y or  N) and location for disabling \_\_\_\_\_

Tires suitable for dyno ( Y or N), if No, are summer tires (on rims) available (Y or N)?

License # EJX135 State AK MILEAGE AT INSPECTION 104,725

VIN 1B7GG42N729680916

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<u>6</u>	Condition	<u>C</u>	(Black/Clean?)
	Transmission Fluid	Level	<u>6</u>	Condition	<u>C</u>	
	Radiator Fluid	Level	<u>?</u>	Condition		

Staffer's Initials RV Date 1/16/11

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work? <b>BLOCK HTR NEEDS TO BE REPLACED</b>

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

**PARTICIPATION AGREEMENT**

Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make     2002 Dodge  
Model             Dakota  
VIN                1B7GG42N725680996  
Alaska Plate No. EVX135

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 16 11

\_\_\_\_\_  
Vehicle Owner (Signature)

Bill Holden 

\_\_\_\_\_  
(Printed Name)

672 Hillcrest Dr

\_\_\_\_\_  
(Street/P.O. Box)

Fairbanks, AK 99712

\_\_\_\_\_  
(City/ZIP)

457-3617 home, 460-0871 cell

\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative



## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip <i>SEE NOTE</i>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

**PARTICIPATION AGREEMENT**

Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 1997 Toyota  
Model Paseo  
VIN JT20CS2H9V0037102  
Alaska Plate No. DAZ110

to Fairbanks North Star Borough for a period of up to 3 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 17 11



\_\_\_\_\_  
Vehicle Owner (Signature)

Charles Drushal

\_\_\_\_\_  
(Printed Name)

3906 Noorvik Ct.

\_\_\_\_\_  
(Street/P.O. Box)

Fairbanks, AK 99701

\_\_\_\_\_  
(City/ZIP)

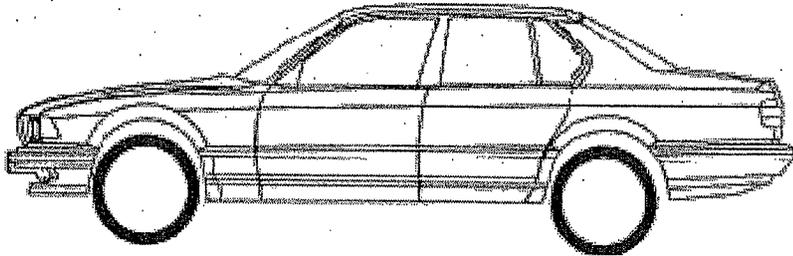
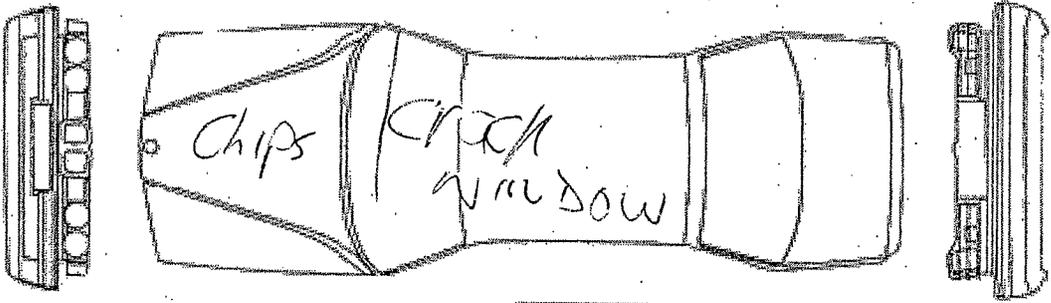
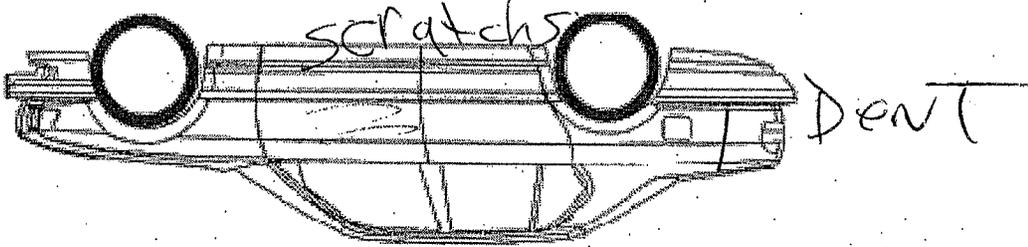
590-2202 cell, 488-9102 home

\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

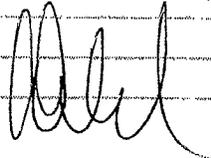
# TRIMLINE SYSTEMS

## INSPECTION SHEET

DATE: 1 17 11 INSPECTION CARRIED OUT BY: ROD E  
MAKE/MODEL: Toyota Paseo REGISTRATION No: JT20CS249U0037102



INSPECTION COMMENTS:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

OWNERS SIGNATURE:  DATE: 1-17-11

VEH #17

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 84 Make TOYOTA Model PICKUP  
Owner's name DAVID W. SWARTZ and phone no. 457-2344 978-0165 (C)

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/17/11

Time 16:40

Odometer 165192

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):  
\_\_\_\_\_  
\_\_\_\_\_

Engine Displacement 2.4 22R liters or cubic inches # Cylinders 4

Engine family E1424 T2AFF0 and Emission controls AS/EGR/OL (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling \_\_\_\_\_

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # 6066CC State AK

VIN JT4RN60RXE5008787

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level _____	Condition _____	(Black/Clean?)
	Transmission Fluid	Level _____	Condition _____	
	Radiator Fluid	Level _____	Condition _____	

Staffer's Initials KG

Date 1/17/11

ABORT - oil light came on

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

**PARTICIPATION AGREEMENT**

Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make    1984 Toyota  
Model            Pick up  
VIN                JT4RN60RXE5008787  
Alaska Plate No. # 60 66CC

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

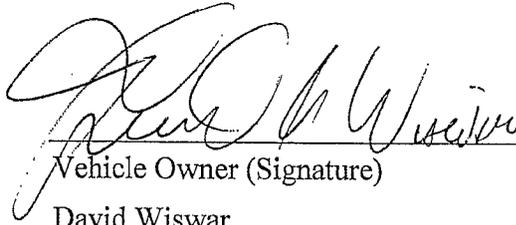
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1-17-11

  
\_\_\_\_\_  
Vehicle Owner (Signature)  
David Wiswar

\_\_\_\_\_  
(Printed Name)

1139 Coppet St  
\_\_\_\_\_

(Street/P.O. Box)

Fairbanks, Alaska 99709  
\_\_\_\_\_

(City/ZIP)

978-0165 Cell  
457-2344 home

\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

David W Swar

TRIMLINE SYSTEMS

#6066CC

INSPECTION SHEET

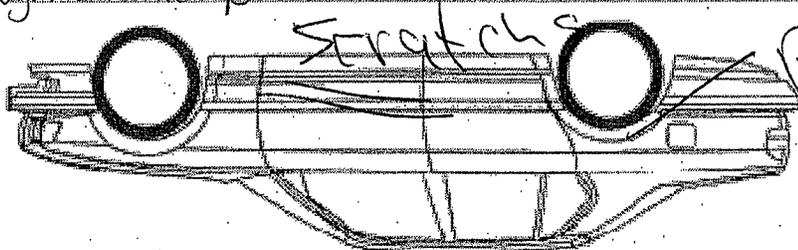
DATE: 1/17/11

INSPECTION CARRIED OUT BY:

ROD E

MAKE/MODEL: '84 Toyota Pick-up

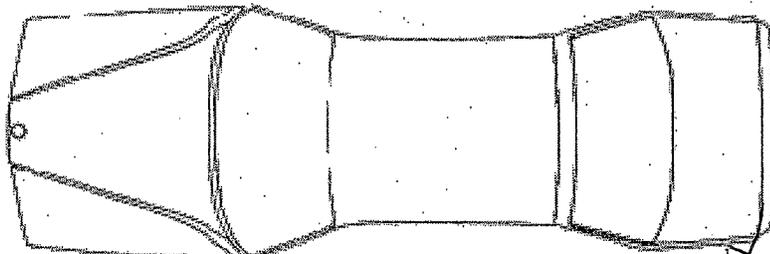
REGISTRATION No: JT4RN60RXE5008787



Scratches

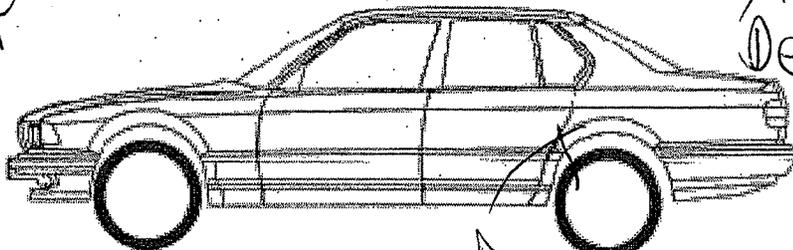
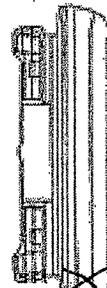
RUST

Damage



Bumper

Damage



Dent RUST

Dent

INSPECTION COMMENTS:

OWNERS SIGNATURE:

*David Wiswar*

DATE:

1 17 11

DAVID WISWAR

VEH #18

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1994 Make Toyota Model 4-Runner

Owner's name Fred Austin and phone no. 590-2202

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/17/11

Time 13:30

Odometer 78 240

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

could clean battery

Engine Displacement 3.0 liters or cubic inches # Cylinders 6

Engine family \_\_\_\_\_ and Emission controls Federal (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling \_\_\_\_\_

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # EHF 481 State AK

VIN JT3YN39W4R0166720

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <u>Ⓟ</u>	Condition <u>B</u> (Black/Clean?)
Transmission Fluid	Level <u>?</u>	Condition <u>?</u>
Radiator Fluid	Level <u>?</u>	Condition <u>?</u>

Staffer's Initials B

Date 1-17-11

**PARTICIPATION AGREEMENT**

Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make     1994 Toyota  
Model            Four-runner  
VIN                JT3VN39W4R0166720  
Alaska Plate No. EHF 481

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1-27-11

\_\_\_\_\_  
Vehicle Owner (Signature)

Fred Austin 

\_\_\_\_\_  
(Printed Name)

3191 Laurance Rd.

\_\_\_\_\_  
(Street/P.O. Box)

North Pole, AK 99705

\_\_\_\_\_  
(City/ZIP)

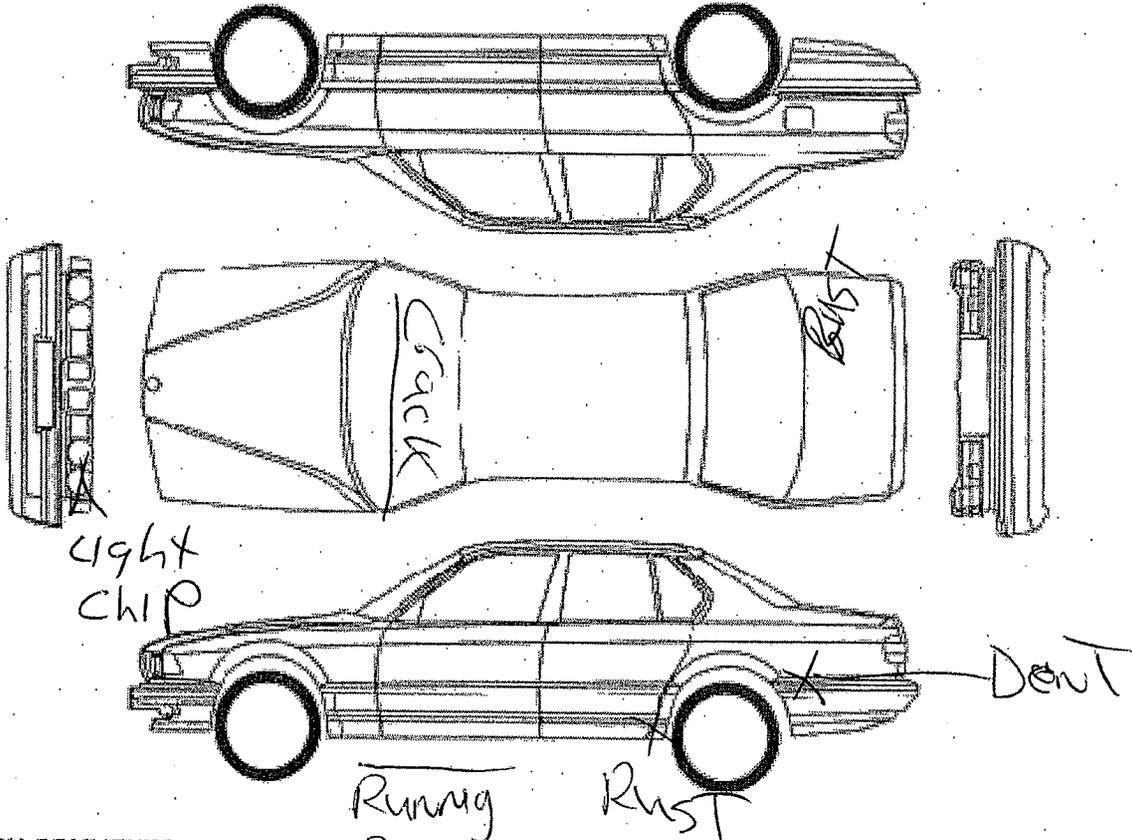
590-2202 cell, 488-9102 home

\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

# TRIMLINE SYSTEMS

## INSPECTION SHEET

DATE: 1-17-11 INSPECTION CARRIED OUT BY: ROD E.  
MAKE/MODEL: Toyota four-cylinder REGISTRATION No: 5J3W39W4R01C6720



INSPECTION COMMENTS:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Running Board  
Rust  
Crack

OWNERS SIGNATURE: [Signature] DATE: 1-17-11

CVET #19

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2007 Make CHEVY Model SILVERADO <sup>K1500</sup> 4WD

Owner's name ADOLEA FIELDS and phone no. 459-1318

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/18/11

Time 12:15

Odometer 28294

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 5048 liters or cubic inches # Cylinders 8

Engine family 76MV T05.337A and Emission controls \_\_\_\_\_ (from under hood label)

Transmission (circle auto or manual) auto Drive wheels (circle F, R, AWD) R Exhaust (circle L or R side) R

Traction Control (circle Y or N) N and location for disabling \_\_\_\_\_

Tires suitable for dyno Y or N), if No, are summer tires (on rims) available (Y or N)?

License # FBB558 State AK MILEAGE AT INSPECTION 26,160

VIN 2GCEK13VK71128080

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <u>6</u>	Condition <u>C</u> (Black/Clean?)
Transmission Fluid	Level <u>6</u>	Condition <u>C</u>
Radiator Fluid	Level <u>6</u>	Condition <u>C</u>

Staffer's Initials [Signature] Date 1/18/11

NOTE: BLOCK HEATER MUST BE CONNECTED DIRECTLY TO 3 WAY CORD

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

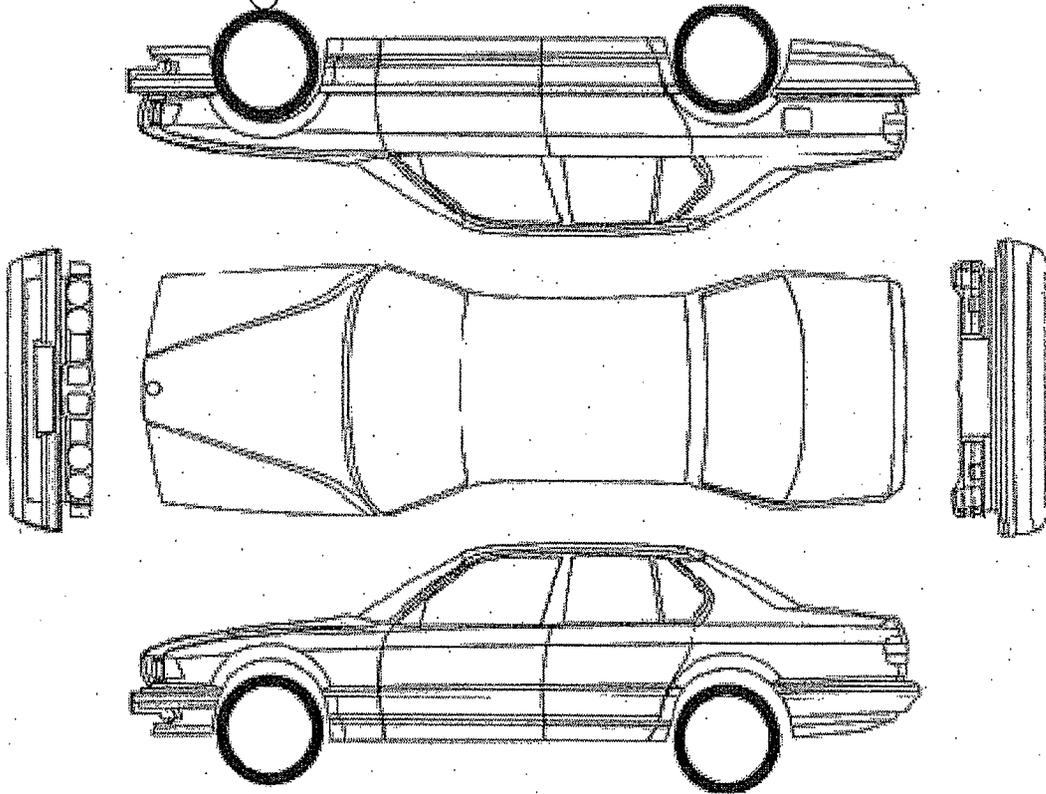
Andrea Fields

TRIMLINE SYSTEMS

License  
FBB558

# INSPECTION SHEET

DATE: 1-18-11 INSPECTION CARRIED OUT BY: ROD E.  
MAKE/MODEL: 07 Chevy Silverado REGISTRATION No:



INSPECTION COMMENTS:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

OWNERS SIGNATURE: Andrea Fields DATE: 1-18-11

Andrea Fields

**PARTICIPATION AGREEMENT**  
Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 2007 Chevy  
Model Silverado  
VIN 24CEK13VX71128080  
Alaska Plate No. FBB 558

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1/18/2011

Andrea Fields

Vehicle Owner (Signature)

Andrea Fields

(Printed Name)

PO Box 74448

(Street/P.O. Box)

Fairbanks, AK 99707

(City/ZIP)

459-1318 work, 388-2642 cell

\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

VEH # 20

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

6/93  
Model Year 1993 Make Toyota Model P/U

Owner's name JEAN Phillips and phone no. 389-2890

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/18/11

Time 14:30

Odometer 160899

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 2.4 <sup>2225</sup> liters or cubic inches # Cylinders 4  
Engine family P T42.4T5FF7 and Emission controls MPI/Air/EGR/H2O/TWC (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling \_\_\_\_\_

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # GCD627 State AK

VIN 4TARN01P2P2125703

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil Level \_\_\_\_\_ Condition \_\_\_\_\_ (Black/Clean?)  
Transmission Fluid Level \_\_\_\_\_ Condition \_\_\_\_\_  
Radiator Fluid Level \_\_\_\_\_ Condition \_\_\_\_\_

Staffer's Initials \_\_\_\_\_ Date \_\_\_\_\_

Key stays in  
Truck

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

Jeau Phillips

# 6CD627

TRIMLINE SYSTEMS

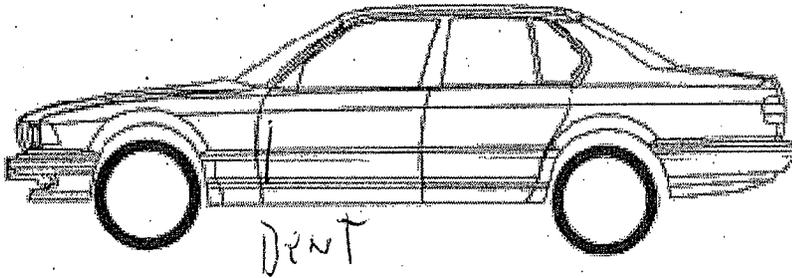
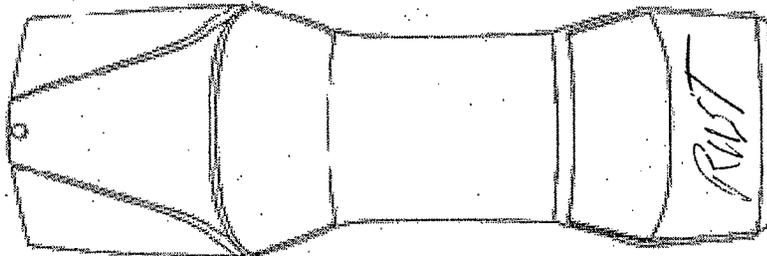
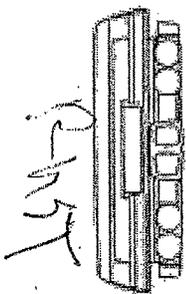
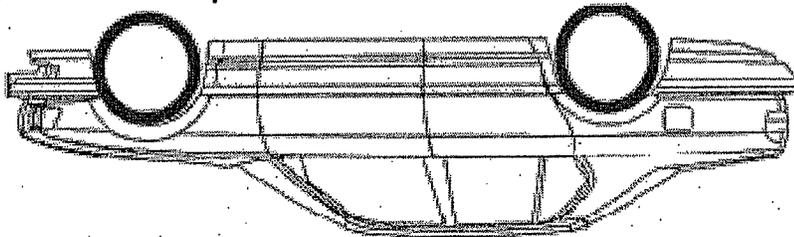
INSPECTION SHEET

DATE: 1 18 11

INSPECTION CARRIED OUT BY: ROD E

MAKE/MODEL: Toyota pickup

REGISTRATION No: 4TARNO1P2PZ125703



INSPECTION COMMENTS:

OWNERS SIGNATURE:

DATE:

1 18 11

**PARTICIPATION AGREEMENT**  
Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make     1993 Toyota P/U  
Model             P/U  
VIN                 4TARN01P2P2125703  
Alaska Plate No. GCD627

to Fairbanks North Star Borough for a period of up to 5 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1/18/2011

Jean Phillips  
Vehicle Owner (Signature)

JEAN Phillips  
(Printed Name)

5132 HAYSTACK DR  
(Street/P.O. Box)

FAIRBANKS AK 99712  
(City/ZIP)

\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

VEH #21

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2003 Make MITSUBISHI Model Eclipse

Owner's name CHERY WILLIAMS and phone no. 459-1002 378-7869

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/18/11

Time 14:30

Odometer 78 707

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 3.0 liters or cubic inches # Cylinders V6

Engine family 3DSV3.0GNS and Emission controls CALIFORNIA (from under hood label)

Transmission (circle  auto or manual) Drive wheels (circle  F, R, AWD) Exhaust (circle  L or R side)

Traction Control (circle Y or N) and location for disabling \_\_\_\_\_

Tires suitable for dyno ( Y or N), if No, are summer tires (on rims) available (Y or N)?

License # MEHOT2 State AK MILEAGE AT PRE INSPECTION 78,562

VIN 4A3AC84H63E018713

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<u>6</u>	Condition	<u>C</u>	(Black/Clean?)
	Transmission Fluid	Level	<u>6</u>	Condition	<u>C</u>	
	Radiator Fluid	Level	<u>6</u>	Condition	<u>C</u>	

Staffer's Initials AE

Date 1/18/11

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

**PARTICIPATION AGREEMENT**  
Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle:

Year & Make \_\_\_\_\_  
Model \_\_\_\_\_  
VIN \_\_\_\_\_  
Alaska Plate No. \_\_\_\_\_

to Fairbanks North Star Borough for a period of up to \_\_\_\_\_ days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

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Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 18 11

\_\_\_\_\_  
Vehicle Owner (Signature)

Chris William

(Printed Name)

\_\_\_\_\_  
(Street/P.O. Box)

\_\_\_\_\_  
(City/ZIP)

\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

Chris Williams  
# MEHOT2

TRIMLINE SYSTEMS

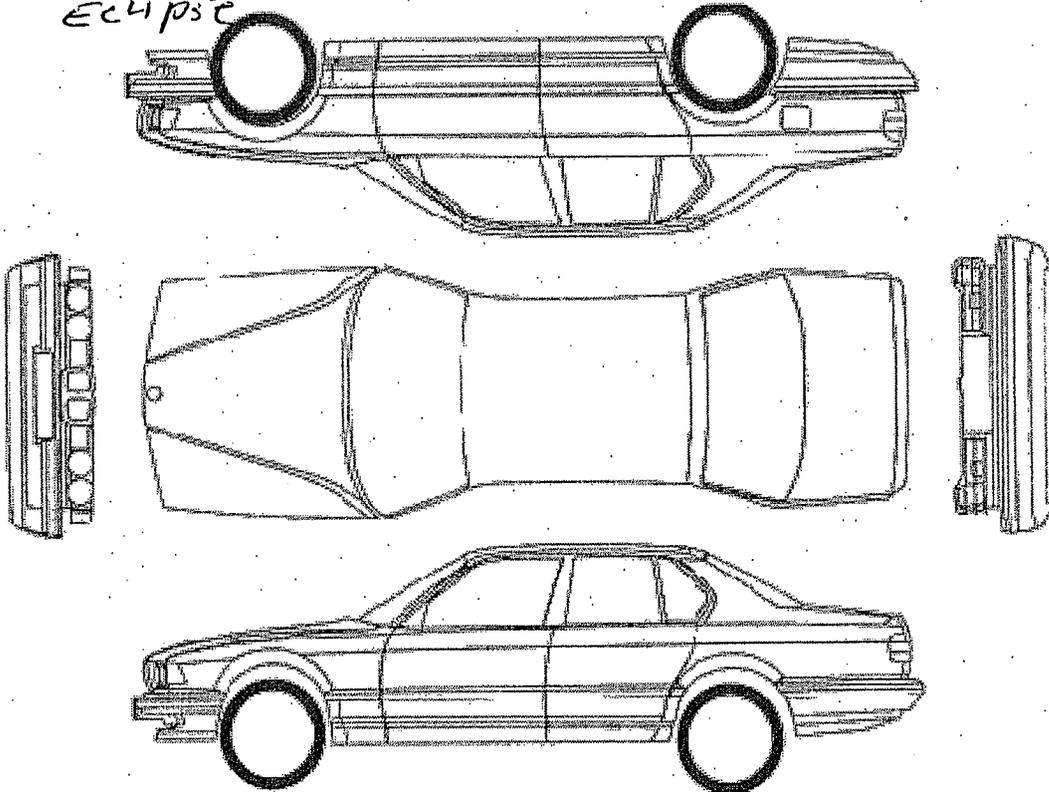
INSPECTION SHEET

DATE: 1 18 11

INSPECTION CARRIED OUT BY: R D E.

MAKE/MODEL: Mitsubishi  
Eclipse

REGISTRATION No: YA3AC 84H63 6E018713



INSPECTION COMMENTS:

OWNERS SIGNATURE:

DATE: 1 18 11

VEH 22

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2006 Make Toyota Model Tundra 4WD

Owner's name Carrie Cooper and phone no. 388-2518

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/18/11

Time 16:20

Odometer 87156

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 4.7 liter or cubic inches # Cylinders 8

Engine family \_\_\_\_\_ and Emission controls None (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F R AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling \_\_\_\_\_

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # EZZ 536 State AK ODD 87,009

VIN 5TBDT4410655368867

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <u>6</u>	Condition <u>C</u> (Black/Clean?)
Transmission Fluid	Level <u>6</u>	Condition <u>C</u>
Radiator Fluid	Level <u>6</u>	Condition <u>C</u>

Staffer's Initials VS

Date 1/18/11

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip <i>Tip needs to be removed (1 day)</i>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

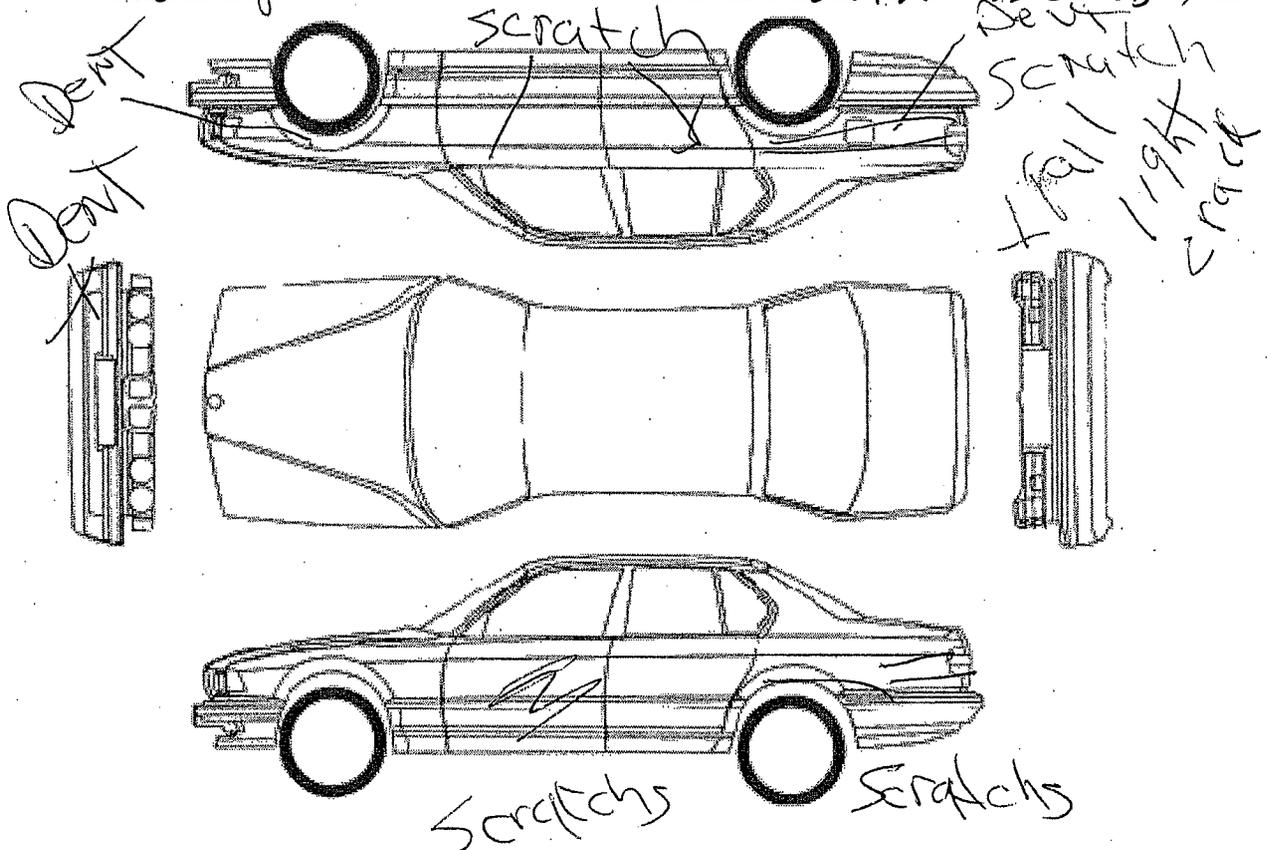
In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

Carrie Cooper  
License:  
E 27536

**TRIMLINE SYSTEMS**

**INSPECTION SHEET**

DATE: 1/18/2011 INSPECTION CARRIED OUT BY: Rodney E.  
MAKE/MODEL: 06 Toyota Tundra REGISTRATION No: STBDT4410655368867



INSPECTION COMMENTS:

OWNERS SIGNATURE

Carrie M Cooper

DATE:

1 18 11

Carrie Cooper

**PARTICIPATION AGREEMENT**  
Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make     2006 Toyota  
Model             Tundra  
VIN                5TBDT441065536867  
Alaska Plate No.     EZZ584

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 7/18/2011

Carrie M Cooper

Vehicle Owner (Signature)

Carrie Cooper

(Printed Name)

116 Hickory Drive

(Street/P.O. Box)

Fairbanks, AK 99709

(City/ZIP)

388-2518 cell

\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

VEH 23

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1986 Make FORD Model F150

Owner's name Dan FALKOWSKI and phone no. ~~388 6737~~ 388 6737

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/18/11

Time 14:30

Odometer 93124

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 5.0 liters or cubic inches # Cylinders 8

Engine family M50T5HAG9 and Emission controls FEDERAL (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling \_\_\_\_\_

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # 5089DJ State AK ODOMETER AT PRE INSPECTION 93,091

VIN 1FTEFHNOGPA80160

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level _____	Condition _____	(Black/Clean?)
	Transmission Fluid	Level _____	Condition _____	
	Radiator Fluid	Level _____	Condition _____	

Staffer's Initials \_\_\_\_\_ Date \_\_\_\_\_

CLUTCH ENGAGES LOW TO FLOOR

STARTER BUTTON ON BOTTOM OF DASH

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

Dan Falkowski

TRIMLINE SYSTEMS

License:  
508905

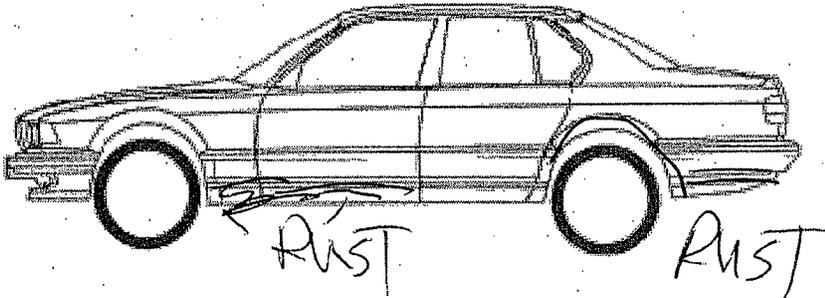
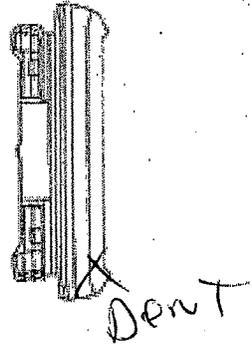
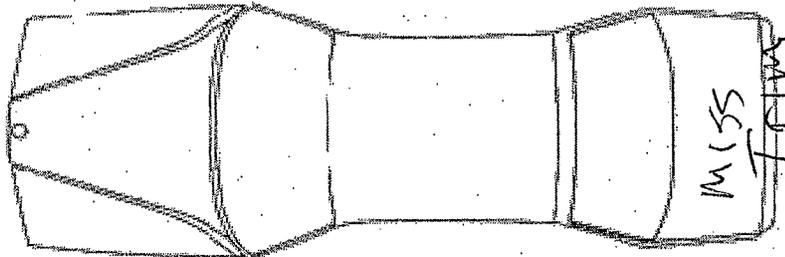
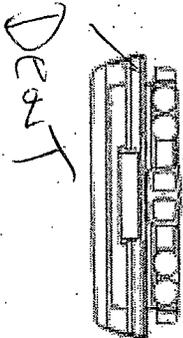
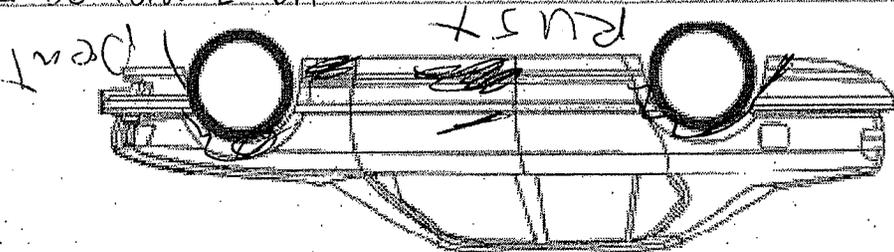
INSPECTION SHEET

DATE: 1/18/2011

INSPECTION CARRIED OUT BY: Rodney E

MAKE/MODEL: 86' Ford 2.0h

REGISTRATION No:



INSPECTION COMMENTS:

OWNER'S SIGNATURE:

DATE: 1 18 11

# 93 124

Dan Falkowski

**PARTICIPATION AGREEMENT**  
Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make     1986 Ford  
Model             ½ ton pickup  
VIN                1FTEF14N09PA8D16  
Alaska Plate No.     50890J

to Fairbanks North Star Borough for a period of up to \_\_\_\_\_ days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1/18/2011

\_\_\_\_\_  
Vehicle Owner (Signature)

Dan Falkowski

\_\_\_\_\_  
(Printed Name)

746 Goldstreak Road

\_\_\_\_\_  
(Street/P.O. Box)

Fairbanks, AK 99712

\_\_\_\_\_  
(City/ZIP)

388-6737 cell

\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

Dated: 1-18-11

Dan Falowski

Vehicle Owner (Signature)

DAN FALOWSKI

(Printed Name)

746 GoldSTEAK RD

(Street/P.O. Box)

FAIRBANKS, AK 99712

(City/ZIP)

\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

VEH # 24

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2009 Make Ford Model Focus sedan  
Owner's name Victor Lorenzo and phone no. 490-6574 460 8365

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1 / 18 / 11

Time 12:30

Odometer 23932

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 2.0  liters or cubic inches # Cylinders 4

Engine family \_\_\_\_\_ and Emission controls \_\_\_\_\_ (from under hood label)

Transmission (circle auto or  manual) Drive wheels (circle  F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling \_\_\_\_\_

Tires suitable for dyno ( Y or N), if No, are summer tires (on rims) available (Y or N)?

License # FLZ474 State AK 000-23,498 at pres Insp

VIN 1FAHP36N89W122821

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<u>G</u>	Condition	<u>C</u>	(Black/Clean?)
	Transmission Fluid	Level	<u>G</u>	Condition	<u>C</u>	
	Radiator Fluid	Level	<u>G</u>	Condition	<u>C</u>	

Staffer's Initials [Signature]

Date 1 / 18 / 11

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have <u>all season</u> or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

Victor Lorenzo

**TRIMLINE SYSTEMS**

License:  
FLZ471

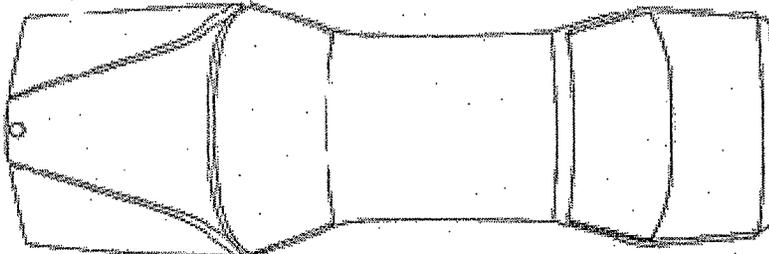
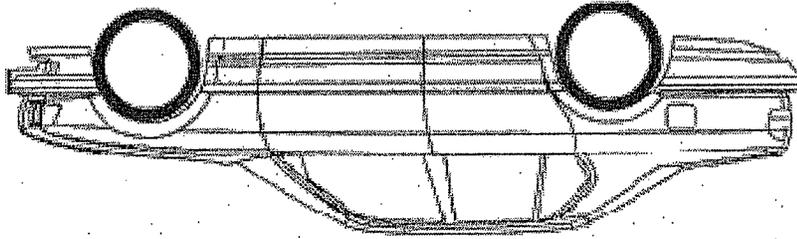
**INSPECTION SHEET**

DATE: 1/18/2011

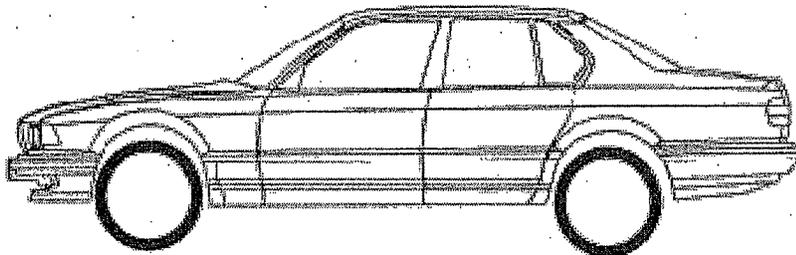
INSPECTION CARRIED OUT BY: Rodney E.

MAKE/MODEL: 09 Ford Focus

REGISTRATION No: 1FANP36N89W172821



Scratches



INSPECTION COMMENTS:

OWNERS SIGNATURE:

*Victor Lorenzo*

DATE:

1 18 11

Victor Lorenzo

**PARTICIPATION AGREEMENT**  
Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make     2009 Ford  
Model             Focus  
VIN                1FAHP36N89W122821  
Alaska Plate No.  FLZ471

to Fairbanks North Star Borough for a period of up to 4 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

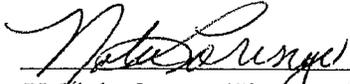
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1/18/2016



\_\_\_\_\_  
Vehicle Owner (Signature)

Victor Lorenzo

\_\_\_\_\_  
(Printed Name)

2433 Mission Dr.

\_\_\_\_\_  
(Street/P.O. Box)

North Pole, AK 99705

\_\_\_\_\_  
(City/ZIP)

\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

VEH #25

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1995 Make ISUZU Model RODEO

Owner's name Art Greenwalt and phone no. 374-3043

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/19/11

Time 15:00

Odometer 175481

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 3.2 liters or cubic inches # Cylinders 6

Engine family \_\_\_\_\_ and Emission controls FEDERAL (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling \_\_\_\_\_

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # CWY 332 State AK MILEAGE AT \_\_\_\_\_

VIN 4S2CM5BVIS438601

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level _____	Condition _____	(Black/Clean?)
Transmission Fluid	Level _____	Condition _____	
Radiator Fluid	Level _____	Condition _____	

Staffer's Initials VE

Date 1-19-11

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

Art Greenwalt

**PARTICIPATION AGREEMENT**  
Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make     1995 Isuzu  
Model            Rodeo  
VIN                4S2CM58U154348601  
Alaska Plate No. CWX 332

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

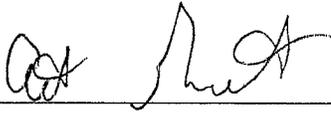
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1-19-11



Vehicle Owner (Signature)

Art Greenwalt

(Printed Name)

1620 Washington Dr. Apt #79

(Street/P.O. Box)

Fairbanks, AK 99709

(City/ZIP)

347-3043 cell

Signature of Authorized Fairbanks North Star  
Borough Representative

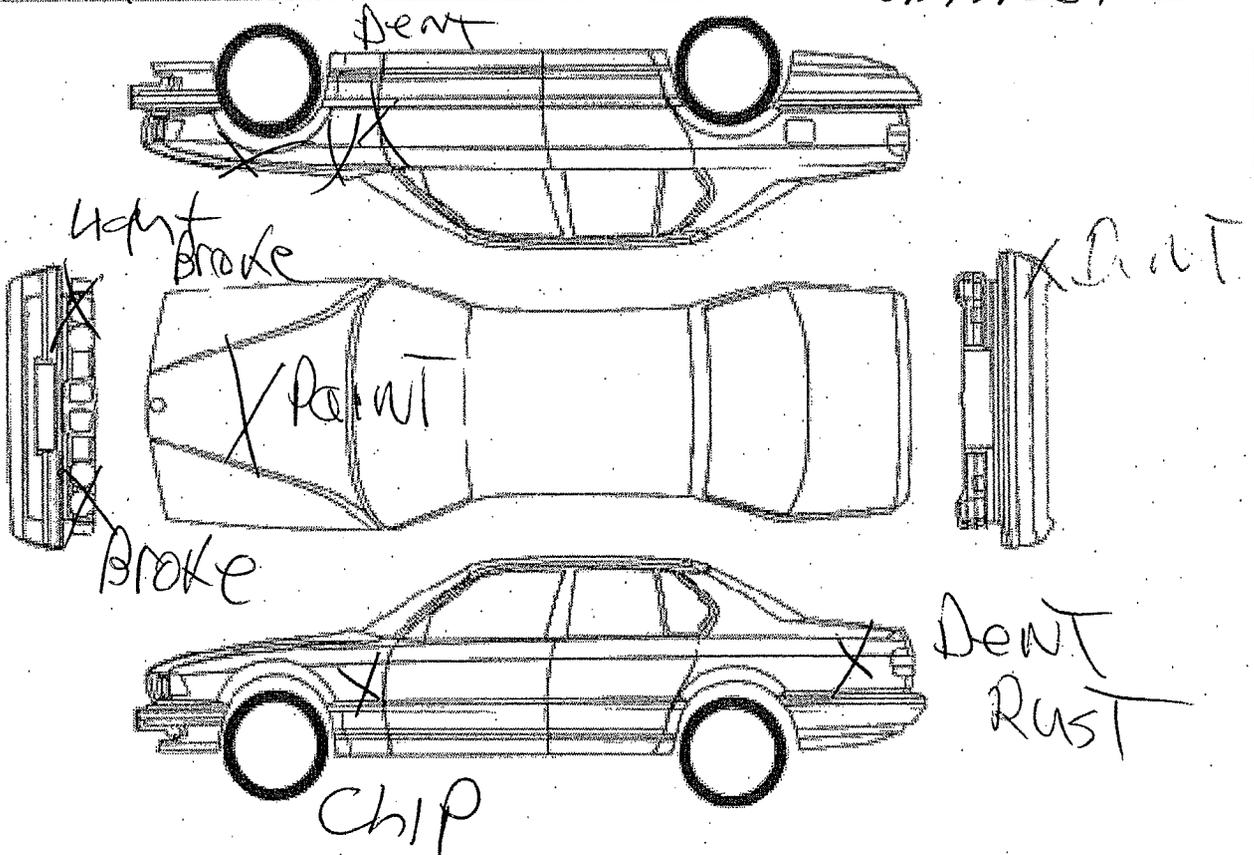
Art Greenwalt

# CWX332

TRIMLINE SYSTEMS

INSPECTION SHEET

DATE: 1-19-11 INSPECTION CARRIED OUT BY: ROD E.  
MAKE/MODEL: ISUZU Rodeo REGISTRATION No: 452CM58U154348601



INSPECTION COMMENTS:

OWNERS SIGNATURE: A. [Signature] DATE: 1/19/11

VEH # 26

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year '989 Make Jeep Cherokee Model Cherokee

Owner's name Dylan McFadden and phone no. 457-4532

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/19/11

Time 15:30

Odometer 147677

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 4.0 liters or cubic inches # Cylinders 6

Engine family \_\_\_\_\_ and Emission controls \_\_\_\_\_ (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F R AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling \_\_\_\_\_

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # FRNB79 State AK MILEAGE AT INSPECTION

VIN 1J4FJ37LCKL509651 147,573

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<u>0</u>	Condition	<u>C</u>	(Black/Clean?)
	Transmission Fluid	Level	<u>0</u>	Condition	<u>C</u>	
	Radiator Fluid	Level	<u>C</u>	Condition	<u>C</u>	

Staffer's Initials KS

Date 1-19-11

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

Dylan McFarlene

**PARTICIPATION AGREEMENT**  
Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make     1989 Jeep  
Model             Cherokee  
VIN                 1J4FJ27L0K509651  
Alaska Plate No.     FRN87S

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

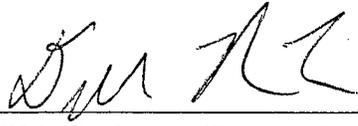
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1-19-11



\_\_\_\_\_  
Vehicle Owner (Signature)

Dylan McFarlane

\_\_\_\_\_  
(Printed Name)

PO Box 80386

\_\_\_\_\_  
(Street/P.O. Box)

Fairbanks, AK 99708

\_\_\_\_\_  
(City/ZIP)

457-4532

\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

Dylan McFarlane

#FRW879

TRIMLINE SYSTEMS

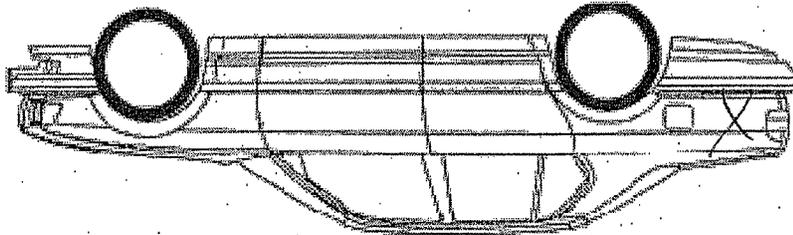
INSPECTION SHEET

DATE: 1-19-11

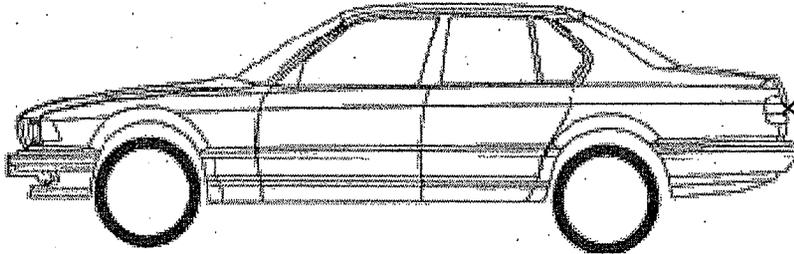
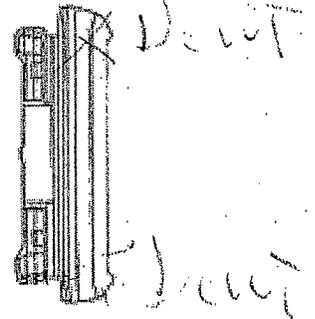
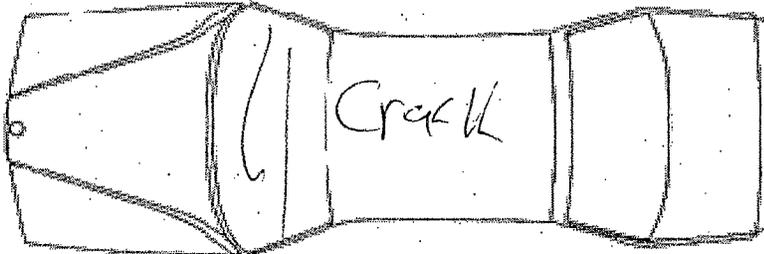
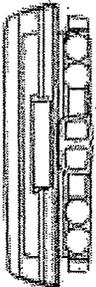
INSPECTION CARRIED OUT BY: ROD E

MAKE/MODEL: Jeep Cherokee

REGISTRATION No: 159FJ72L0KLS09651



Decont



Brake tail light

INSPECTION COMMENTS:

OWNERS SIGNATURE:

*[Handwritten Signature]*

DATE:

1-19-11

VEH # 27

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2005 Make Ford Model Explorer

Owner's name Bess Rounds and phone no. 450-8001 W

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/21/11

Time    :    

Odometer 41465

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Engine Displacement 4.0L liters or cubic inches # Cylinders 6

Engine family 5FMYT070216 and Emission controls TWC/NOX/EGR/SP (from under hood label)

Transmission (circle auto or manual)     Drive wheels (circle F, R, AWD) AWD Exhaust (circle L or R side) L

Traction Control (circle Y or N) N and location for disabling yes on console

Tires suitable for dyno Y or N, if No, are summer tires (on rims) available (Y or N)?

License # KRA240 State AK

VIN 1FMDU74K45UA41080 OC 41465

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <input checked="" type="checkbox"/>	Condition <u>cl</u> (Black/Clean?)
Transmission Fluid	Level <input type="checkbox"/>	Condition <u>   </u>
Radiator Fluid	Level <input checked="" type="checkbox"/>	Condition <u>cl</u>

Staffer's Initials R

Date 1-21-11

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

Bess Rounel's

**PARTICIPATION AGREEMENT**  
Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 2005 Ford  
Model Explorer  
VIN 1FMDU74K45VA41088  
Alaska Plate No. KRAZ40

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: \_\_\_\_\_

*Bes Rounds*  
\_\_\_\_\_

Vehicle Owner (Signature)

Bes Rounds

(Printed Name)

572 Bennington Dr.

(Street/P.O. Box)

Fairbanks, AK 99709

(City/ZIP)

450-8001 work, 452-5229 home

\_\_\_\_\_  
\_\_\_\_\_

Signature of Authorized Fairbanks North Star  
Borough Representative

//

Bass Rounds

#KRAZ40

TRIMLINE SYSTEMS

INSPECTION SHEET

DATE:

1 21 11

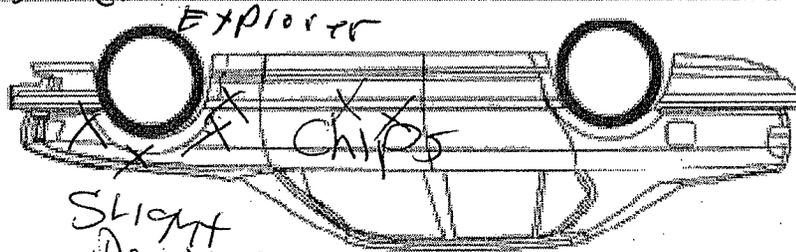
INSPECTION CARRIED OUT BY:

KOP

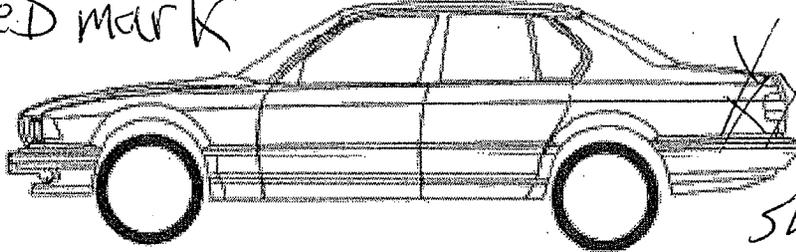
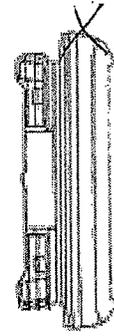
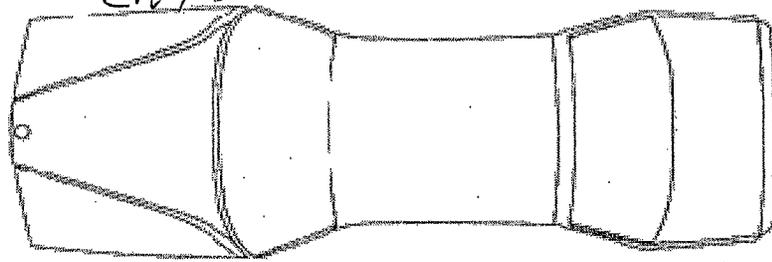
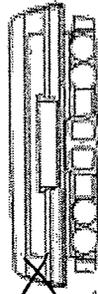
MAKE/MODEL:

2005 Ford

REGISTRATION No:



Slight Dent



INSPECTION COMMENTS:

OWNERS SIGNATURE:

DATE:

1 21 11

41485

VEH # 28

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2007 Make Toyota Model FJ CRUISER, 4WD  
Owner's name Ken Lovell and phone no. 378-7150

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/21/16

Time 09:00

Odometer 52993

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):  
\_\_\_\_\_  
\_\_\_\_\_

Engine Displacement 4.0 liters or cubic inches # Cylinders 6

Engine family 7Y4T04, DAEM and Emission controls SFI / 24V / 2WD / TWC (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling Center Dash

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # FFP-351 State AK

VIN JT2BU11E670091137

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <u>✓</u>	Condition <u>Clean</u> (Black/Clean?)
Transmission Fluid	Level <u>✓</u>	Condition <u>✓</u>
Radiator Fluid	Level <u>✓</u>	Condition <u>✓</u>

Staffer's Initials SLC

Date \_\_\_\_\_

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

## PARTICIPATION AGREEMENT

### Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make	<u>2007 Toyota</u>
Model	<u>Cruiser</u>
VIN	<u>JTEBU11F670094137</u>
Alaska Plate No.	<u>FFP351</u>

to Fairbanks North Star Borough for a period of up to 5 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1/21/2011



Vehicle Owner (Signature)

Ron Lovell

(Printed Name)

1514 28<sup>th</sup> Ave

(Street/P.O. Box)

Fairbanks AK 99701

(City/ZIP)

459-1001 work

\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

# TRIMLINE SYSTEMS

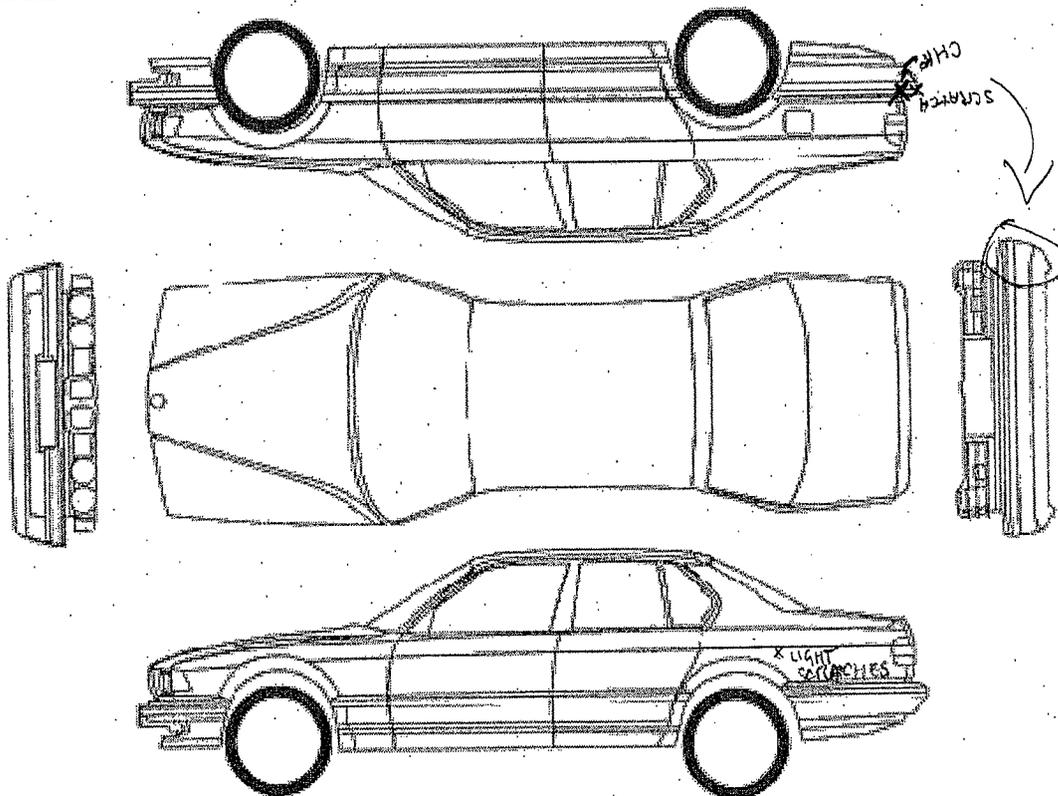
## INSPECTION SHEET

DATE: 1/24/14

INSPECTION CARRIED OUT BY:

MAKE/MODEL: 07 FS CRUISER

REGISTRATION No:



INSPECTION COMMENTS:

OWNERS SIGNATURE:

DATE:

12:45pm

VEH 29

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2004 Make Ford Model Focus

Owner's name Jim Larsen and phone no. 388-8685

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/21/11

Time 1:30pm

Odometer 63361

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 2.0 liters or cubic inches # Cylinders 4

Engine family 4FMYV02.0VH1 and Emission controls TWC / H2S / EG2 / SFE (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling \_\_\_\_\_

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # FBW 887 State AK

VIN 1FAFP33F14W143154 ODO 63350

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <u>G</u>	Condition <u>Clean</u> (Black/Clean?)
Transmission Fluid	Level <u>G</u>	Condition <u>✓</u>
Radiator Fluid	Level <u>G</u>	Condition <u>✓</u>

Staffer's Initials JL

Date 1/21/11

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

**PARTICIPATION AGREEMENT**

Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make     2004 Ford  
Model             Focus  
VIN                1FAFP33P14W143158  
Alaska Plate No. FBW887

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

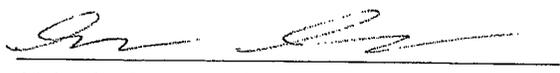
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1-21-2011



Vehicle Owner (Signature)

Ian Larsen

(Printed Name)

PO Box 10158

(Street/P.O. Box)

Fairbanks, AK 99710

(City/ZIP)

388-8685 cell

Signature of Authorized Fairbanks North Star  
Borough Representative

Ian Larsen

TRIMLINE SYSTEMS

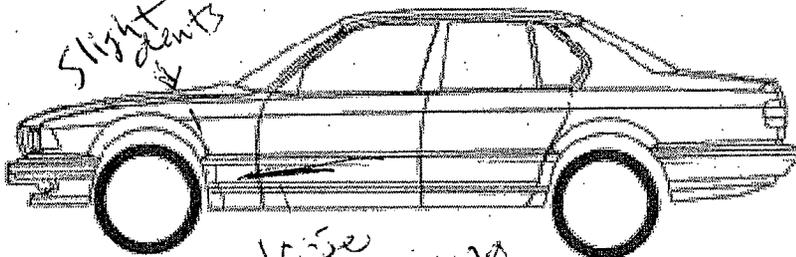
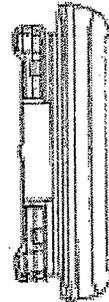
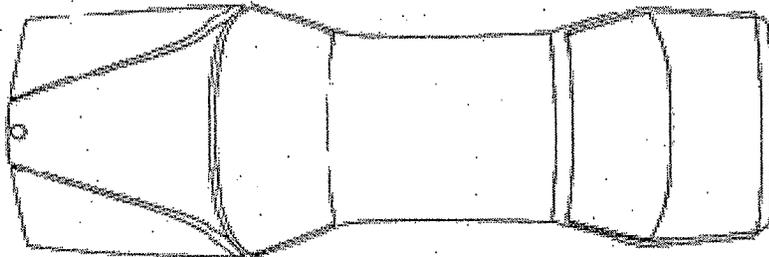
FBW 887

INSPECTION SHEET

DATE: 1/21/11 INSPECTION CARRIED OUT BY: *Mulline*  
MAKE/MODEL: 09 Ford Focus REGISTRATION No: *W2475*



*Broken Bumper*  
*Cracked*  
*scrapes*



*Slight dents*

*loose making*

INSPECTION COMMENTS:

*FRONT bumper broken, cracked on front.*

OWNERS SIGNATURE: *[Signature]*

DATE: 1-21-2011

VEH<sup>#</sup> 30

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2001 Make Honda Model Civic EX

Owner's name Bobby Desrosiers and phone no. 750-3406

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 12/11

Time 12:30

Odometer 124997

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 1.7  liters or cubic inches # Cylinders 4

Engine family 1N4K1017XS9 and Emission controls \_\_\_\_\_ (from under hood label)

Transmission (circle auto  or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling \_\_\_\_\_

Tires suitable for dyno (Y or  N), if No, are summer tires (on rims) available (Y or  N)?

License # 6CA 555 State AK

VIN 1HGEM21951L041180

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<input checked="" type="checkbox"/>	Condition	<u>Clear</u> (Black/Clean?)
	Transmission Fluid	Level	_____	Condition	_____
	Radiator Fluid	Level	<input checked="" type="checkbox"/>	Condition	_____

Staffer's Initials JBL

Date 12/11

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)? <i>Change over</i>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work? <i>SRS light on</i>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

**PARTICIPATION AGREEMENT**

Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 2001 Honda  
Model Civic  
VIN 1HGEM21951LO41180  
Alaska Plate No. 6CR 555

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 21 11



\_\_\_\_\_  
Vehicle Owner (Signature)

Bobby Desrochers

\_\_\_\_\_  
(Printed Name)

306 Slater St.

\_\_\_\_\_  
(Street/P.O. Box)

Fairbanks, AK 99701

\_\_\_\_\_  
(City/ZIP)

750-3406 cell

\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

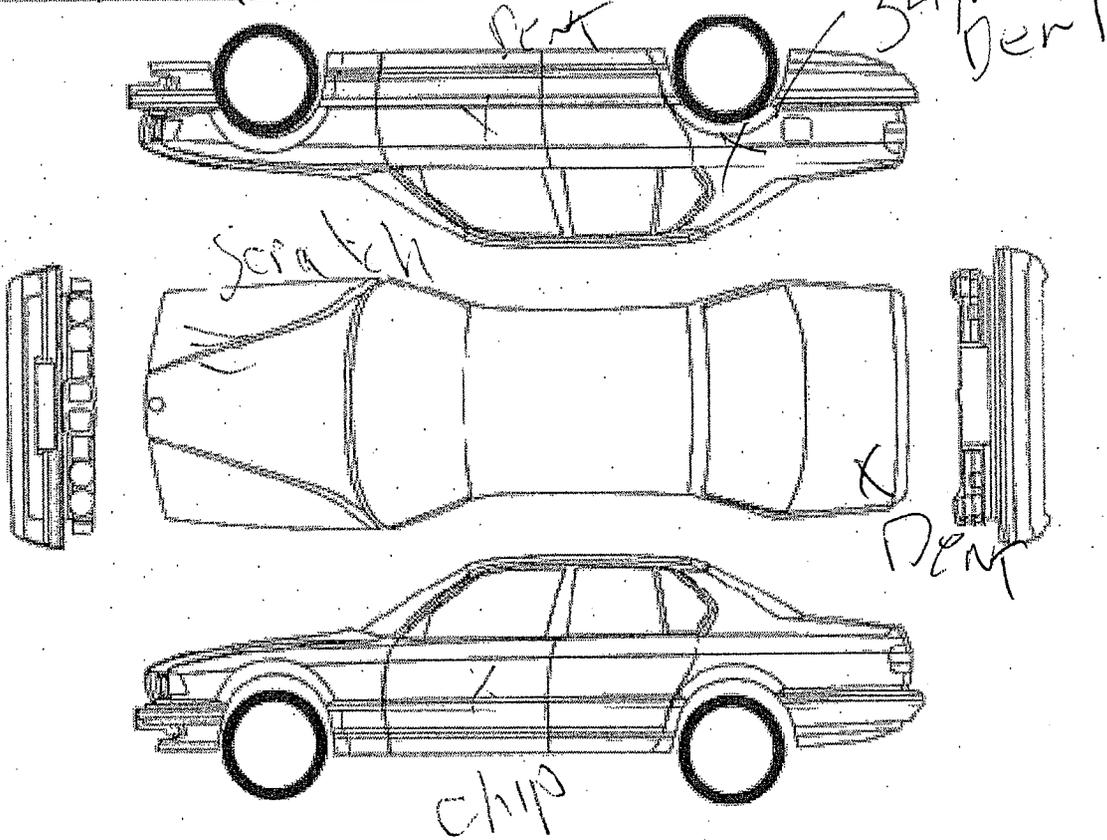
Bobby Desrosiers

# GCA 555

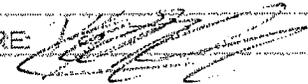
TRIMLINE SYSTEMS

INSPECTION SHEET

DATE: 1 21 11 INSPECTION CARRIED OUT BY: ROP 6 L041180  
MAKE/MODEL: 2001 Honda Civic REGISTRATION No: 1H6EM21951



INSPECTION COMMENTS:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

OWNERS SIGNATURE:  DATE: \_\_\_\_\_

GCA 555 124972

VEH # 31

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1985 Make TOYOTA Model Pickup 4WD  
Owner's name TREVOR OESTER and phone no. 799-9707

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date   /  /  

Time   :  

Odometer 188532

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Engine Displacement 2.4 liters or cubic inches # Cylinders 4

Engine family FT424T2AFFI and Emission controls Federal (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling \_\_\_\_\_

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # 7781CD State AK MILEAGE AT INSPECTION 188,481

VIN JT4RN65DIF5088401

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil Level \_\_\_\_\_ Condition \_\_\_\_\_ (Black/Clean?)  
Transmission Fluid Level \_\_\_\_\_ Condition \_\_\_\_\_  
Radiator Fluid Level \_\_\_\_\_ Condition \_\_\_\_\_

Staffer's Initials \_\_\_\_\_ Date \_\_\_\_\_

NOTE! MUFFLER NEED TO BE REPLACED!

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

## PARTICIPATION AGREEMENT

Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle.

Year & Make 1985  
Model Toyota Pickup  
VIN JT4RN65DIF5088401  
Alaska Plate No. 7781CD

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra); acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1/21/2010

Bonnie Broman

Vehicle Owner (Signature)

BONNIE BROMAN

(Printed Name)

2445 A Maria St

(Street/P.O. Box)

Fairbanks, AK 99709

(City/ZIP)

[Signature]

Signature of Authorized Fairbanks North Star  
Borough Representative

VEH# 32

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1990 Make FORD Model THUNDERBOLT

Owner's name MITCH HANSON and phone no. 460-4944

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1 / 22 11

Time 15 : 10

Odometer 911416

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 3.8 liters or cubic inches # Cylinders V6

Engine family LFM3.8V5FYFB and Emission controls Federal (from under hood label)

Transmission (circle  auto or manual) Drive wheels (circle  F,  R, AWD) Exhaust (circle  L or R side)

Traction Control (circle Y or  N) and location for disabling \_\_\_\_\_

Tires suitable for dyno ( Y or N), if No, are summer tires (on rims) available (Y or N)?

License # 395 NBX State WA MILEAGE AT PRE INSPECTION

VIN 1FAPP6049LH148448 91,295

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <u>6</u>	Condition <u>C</u> (Black/Clean?)
Transmission Fluid	Level <u>6</u>	Condition <u>C</u>
Radiator Fluid	Level <u>6</u>	Condition <u>C</u>

Staffer's Initials [Signature]

Date 1 22 11

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

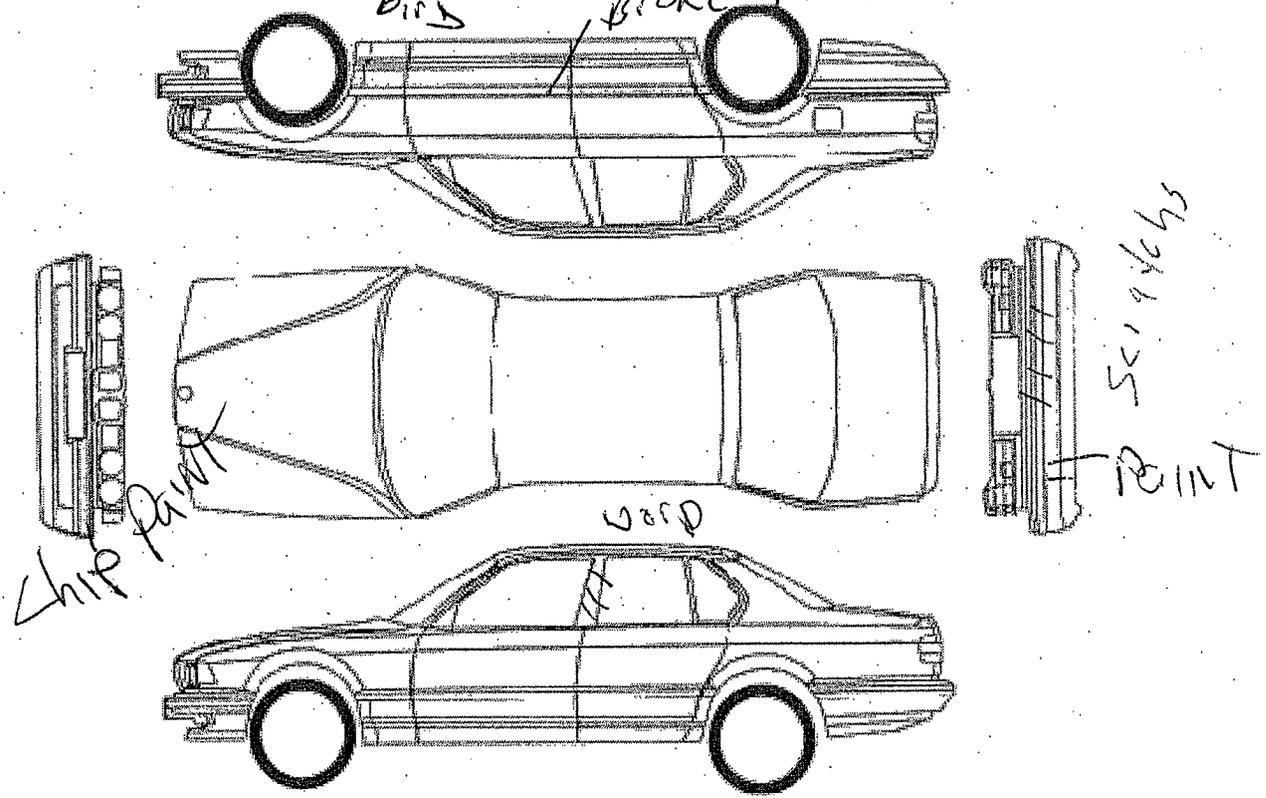
In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

TRIMLINE SYSTEMS

INSPECTION SHEET

DATE: 1 22 11 INSPECTION CARRIED OUT BY: ROY E

MAKE/MODEL: 90 Ford Thunderbird REGISTRATION No: *birds* *broke TRIM*



INSPECTION COMMENTS: Keys in vehicles

OWNERS SIGNATURE: *Mitchell Dawson* DATE: 1 22 11

**PARTICIPATION AGREEMENT**  
Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make      1990 Ford  
Model              Thunderbird  
VIN                 1FAFP6049LH148448  
Alaska Plate No. 3SS NBX

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: \_\_\_\_\_



\_\_\_\_\_  
Vehicle Owner (Signature)

Mitch Hanson

\_\_\_\_\_  
(Printed Name)

PO Box 60582

\_\_\_\_\_  
(Street/P.O. Box)

Fairbanks, AK 99706

\_\_\_\_\_  
(City/ZIP)

460-4944 cell

\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

VEH # 33

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1988 Make DODGE Model DAKOTA

Owner's name Catherine Williams and phone no. 590-955/474-7050

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/23/11

Time 15:30

Odometer 216649

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 3.9 liters or cubic inches # Cylinders V6

Engine family JCR39T5HFMB and Emission controls FEDERAL (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling \_\_\_\_\_

Tires suitable for dyno (Y or N) if No, are summer tires (on rims) available (Y or N)?

License # 9104CL State AK ODOMETER AT PIC insp 216,523

VIN 1B7GA4X1J5B8962

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<u>G</u>	Condition	<u>C</u>	(Black/Clean?)
	Transmission Fluid	Level	<u>G</u>	Condition	<u>C</u>	
	Radiator Fluid	Level	<u>G</u>	Condition	<u>C</u>	

Staffer's Initials WA

Date 1 22 11

A/c CLUTCH MAKING NOISE

Block H-12 GOOD

## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
___	___	Vehicle is light-duty and gasoline-powered (no Diesels)
___	___	Vehicle is Alaska-registered and has been used within the last month
___	___	Has only one exhaust pipe/tip
___	___	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
___	___	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
___	___	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
___	___	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
___	___	Do the odometer and instrument gauges work?
___	___	Are all warning lights off when engine is running?
___	___	Are the brakes okay and is the vehicle SAFE to drive on the road?
___	<u>X</u>	Does the block heater work? <u>TANK HEATER BEING FIXED BY OWNER</u>

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

**PARTICIPATION AGREEMENT**  
Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make      1988 Dodge  
Model              Dakota  
VIN                 JCR39T>HFMS  
Alaska Plate No.   9104CC

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

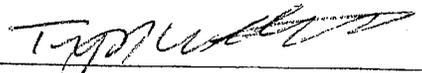
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 23 11

  
\_\_\_\_\_  
Vehicle Owner (Signature)

Catherine Williams  
\_\_\_\_\_  
(Printed Name)

PO Box 61252  
\_\_\_\_\_  
(Street/P.O. Box)

Fairbanks, AK 99706  
\_\_\_\_\_  
(City/ZIP)

590-1995 cell, 474-7050 work

\_\_\_\_\_  
Signature of Authorized Fairbanks North Star  
Borough Representative

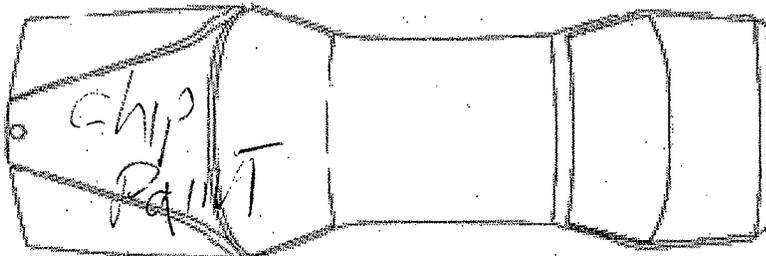
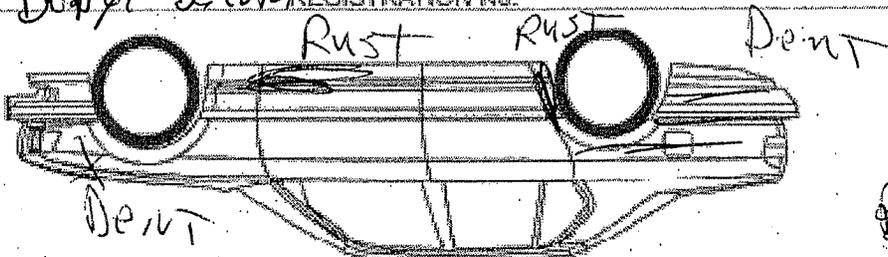
Catherine Williams

# 9104CL

TRIMLINE SYSTEMS

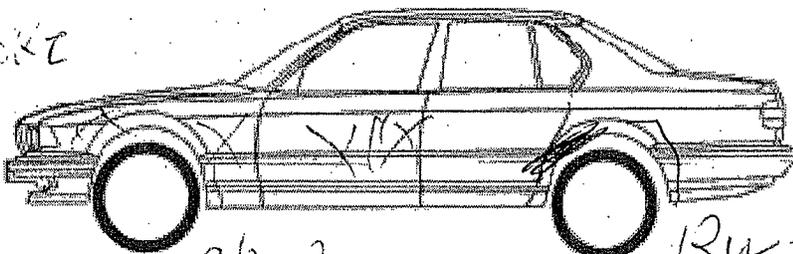
INSPECTION SHEET

DATE: 1/23/11 INSPECTION CARRIED OUT BY: RDA  
MAKE/MODEL: 88 Dodge Dakota REGISTRATION No:



Broke  
fall  
490+

Dent Bump  
Bumper



INSPECTION COMMENTS:

Tires in back Spare tire in back  
fuel full

OWNERS SIGNATURE: *Ty... Williams* DATE: 1/22/11

91-416

216649

VEN A 34

### Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 05 Make FORD Model F250 P/U

Owner's name JOSHUA FRASIER and phone no. 540-244-9114

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/23/11

Time    :   

Odometer 60,390

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):  
\_\_\_\_\_  
\_\_\_\_\_

Engine Displacement 5.4 liters or cubic inches # Cylinders 8

Engine family 5FMYKAS4SFS and Emission controls AWD (from under hood label)

Transmission (circle auto or manual) Auto Drive wheels (circle F, R, AWD) AWD Exhaust (circle L or R side) R

Traction Control (circle Y or N) N and location for disabling \_\_\_\_\_

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)? N

License # GCW980 State AK

VIN 1FTNF21S85EB66741

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level _____	Condition _____	(Black/Clean?)
Transmission Fluid	Level _____	Condition _____	
Radiator Fluid	Level _____	Condition _____	

Staffer's Initials B Date \_\_\_\_\_

Black HTR 6000

*Dyno test results available*

**PARTICIPATION AGREEMENT**  
Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make	<u>2005 Ford</u>
Model	<u>F-250</u>
VIN	<u>1FTNF21585EB66741</u>
Alaska Plate No.	<u>GCW980</u>

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

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Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 23 11

\_\_\_\_\_  
Vehicle Owner (Signature)

Joshua Frazier

\_\_\_\_\_  
(Printed Name)

3667 Cameron St. Apt #3

\_\_\_\_\_  
(Street/P.O. Box)

Fairbanks, AK 99709

\_\_\_\_\_  
(City/ZIP)

540 244-9114 cell

\_\_\_\_\_  
Signature of Authorized Fairbanks North Star

Borough Representative

Joshua Frazier

# 6CW980

TRIMLINE SYSTEMS

INSPECTION SHEET

23

DATE:

1 23 11

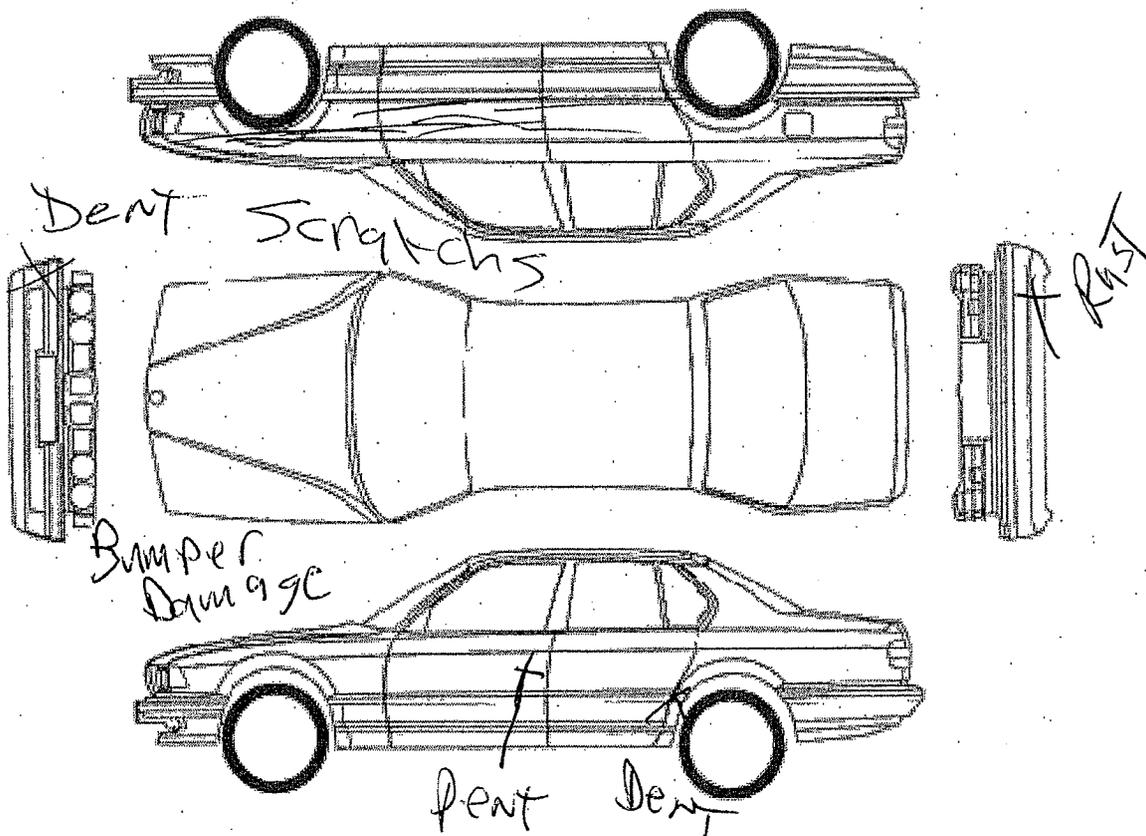
INSPECTION CARRIED OUT BY:

BOD E.

MAKE/MODEL: 2005 Ford F-250

REGISTRATION No:

1FTNF2153SEB66741



INSPECTION COMMENTS:

Dents need to inspect

OWNERS SIGNATURE:

DATE:

1 23 11

60390



## Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
___	___	Vehicle is light-duty and gasoline-powered (no Diesels)
___	___	Vehicle is Alaska-registered and has been used within the last month
___	___	Has only one exhaust pipe/tip
___	___	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
___	___	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
___	___	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
___	___	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
___	___	Do the odometer and instrument gauges work?
___	___	Are all warning lights off when engine is running?
___	___	Are the brakes okay and is the vehicle SAFE to drive on the road?
___	___	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

# TRIMLINE SYSTEMS

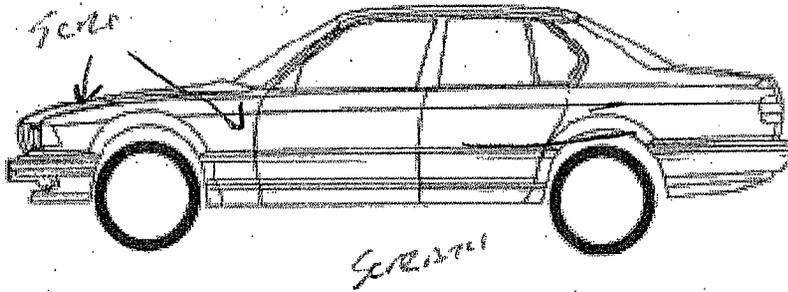
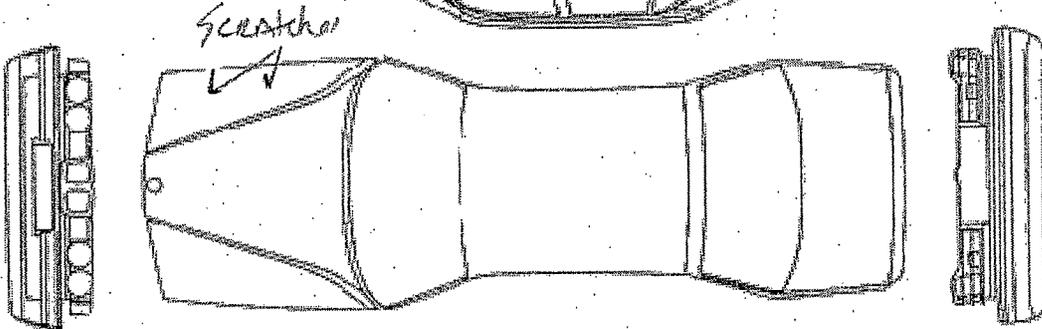
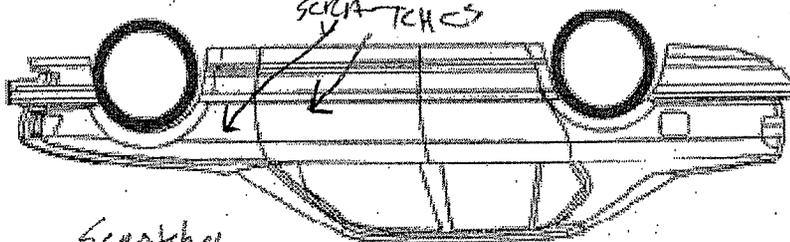
## INSPECTION SHEET

DATE: 1/25/2011

INSPECTION CARRIED OUT BY: Kelly

MAKE/MODEL: 2001 Silverado

REGISTRATION No:



INSPECTION COMMENTS:

OWNER'S SIGNATURE:

DATE:

**PARTICIPATION AGREEMENT**  
Characterizing Vehicular Contributions to PM<sub>2.5</sub> in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make	<u>2001</u>
Model	<u>Chevy Silverado</u>
VIN	<u>1GCHK29U11E229094</u>
Alaska Plate No.	<u>ERY733</u>

to Fairbanks North Star Borough for a period of up to 5 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

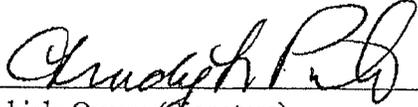
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1-24-11



Vehicle Owner (Signature)

Trudy Pink

(Printed Name)

3124 VFW Street

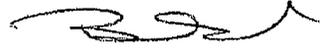
(Street/P.O. Box)

North Pole, AK 99705

(City/ZIP)

488-8111 home

590-0654 cell



Signature of Authorized Fairbanks North Star  
Borough Representative