



**WORLDWIDE  
ENVIRONMENTAL  
PRODUCTS, INC.**

**DAVIS COUNTY  
I/M PROGRAM  
FRAUDULENT  
TESTING  
IDENTIFICATION**

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# DAVIS COUNTY, UTAH

## Vehicle Emissions

### Inspection/Maintenance Program

# **FRAUDULENT TESTING IDENTIFICATION**

- Many advantages to a decentralized vehicle emissions testing program, such as the Davis County Program. Unfortunately there are a few disadvantages, one being a higher occurrence of fraudulent testing.
- Monitoring for, and identifying fraudulent testing activity is an important part of program management.

## **FRAUDULENT TESTING IDENTIFICATION**

**Davis County and Worldwide Environmental Products (WEP) working together, monitor about 770 Inspectors at 140 inspection stations.**

**As of June 1<sup>st</sup> 2012, more than 250,000 emission inspections have been performed in the county, and more than 1,500 potential fraudulent test notifications have been received.**

## **FRAUDULENT TESTING IDENTIFICATION**

**The Vehicle Inspection Database (VID) has automatic triggers that are designed to process information in the current test record and compare information from any previous test record of the same vehicle.**

## FRAUDULENT TESTING IDENTIFICATION

An example of one trigger is the On-Board Diagnostics (OBD) VIN Mismatch. During an OBD inspection (1996 and newer Light Duty vehicles, 2008 and newer Medium Duty vehicles), the inspector entered VIN (Vehicle Identification Number - required for all inspections) is compared to the electronic VIN stored in the on-board engine computer<sup>1</sup>. If the two VINs do not match, a VID Mailer notification with both VINs, Test Record ID, Inspector/Station/Analyzer IDs, and inspection date, is sent to predetermined County and WEP personnel.

**1 – 2005 Model Year Vehicles are required to have an electronic VIN, some older vehicles also have electronic VINs**

\*\* ALERT \*\* A vehicles OBD VIN does not match the scanned or manually entered VIN.

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JT3HN86R1Y028XXXX <--VIN#  
5TEUU42N37Z32XXXX|<--OBDII VIN#  
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Record ID: 3424252  
Inspector: DET002382  
Station: DBT00217  
Analyzer: UT541031  
Test End Date: 2013-08-02 15:42:58  
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## **FRAUDULENT TESTING IDENTIFICATION**

Depending on the outcome of the Fraudulent Test Report review, further investigation into the testing history of the inspector and possibly other inspectors at the related station may also be necessary.

There are currently 113 OBD VIN Mismatches alone under review. There are many other potential fraudulent tests under review as well.

Since June 2012, 2 stations and 3 inspectors have had their license revoked, 1 station suspended that paid a \$2,500 fine, and 1 station and inspector that have received probationary letters.



**THANK YOU!**

**Questions and Answers**



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## FRAUDULENT TESTING IDENTIFICATION

Some VIN Mismatches are valid, and do not require any further action.

VIN	OBD_VIN	MODEL_YEAR	MAKE
YS3EF48Z813051964	00000000005167283	2001	SAAB

Since electronic VINs were not required before 2005 vehicle model year, some vehicle manufacturers had non-standard information in the engine controller memory that is displayed when the electronic VIN is requested by off-board equipment, such as the I/M analyzer.

## FRAUDULENT TESTING IDENTIFICATION

Some VIN Mismatches are not valid, and do require further action, so a Fraud Report is generated.

VIN	OBD_VIN	MODEL_YEAR	MAKE
1GCEC14X87Z167738	1D4GP24R15B183776	2007	CHEVROLET

The OBD VIN will be decoded and the vehicle (Year, Make, Model, Engine) identified by the OBD VIN will be used to compare various points of data.

In this example, the OBD VIN decodes to a 2005 Dodge Grand Caravan with a 3.3 liter engine.