



CITY AUDITOR 345 6th Street, Suite 600, Bremerton, WA 98337-1873 & Phone (360) 473-5369

November 28, 2012

Honorable Patty Lent, Mayor
Members of the City Council

Director of Public Works Chal Martin asked for assistance in reviewing the number of vehicles in the Public Works fleet. There have been significant changes in staffing in the last few years and there is interest in the number of vehicles and their use.

Attached is a report reviewing the number of vehicles in the different divisions of Public Works. The general conclusion is that there is not a surplus of vehicles for these divisions. The majority are in the utility divisions whose workload has not decreased in the last few years.

The assistance of Chuck Ernst of Equipment Services in analyzing the data is greatly appreciated.

Please let me know if you have any questions.

Sincerely,

Gary W. Nystul

cc: Director of Public Works
City Attorney
Director of Financial Services

REVIEW OF PUBLIC WORKS VEHICLES

Purpose

The Director of Public Works requested this review of the vehicles in the Public Works fleet. With the reduction of Public Works personnel in the last few years there is a question about whether the number of vehicles is appropriate. A separate report analyzes the cost of operation of the Equipment Services Division which was also requested.

Scope

Public Works vehicles used during the period July 1, 2011 to June 30, 2012 were analyzed. Vehicles on hand at June 30, 2012 are used for the comparative schedules included in the report. Other equipment owned by Public Works, such as loaders, graders, and backhoes as well as vehicles owned by the Parks, Police and Fire departments were not included.

Statement of Auditing Standards

This performance audit was conducted in accordance with Generally Accepted Government Auditing Standards, except section 3.82 requiring an external peer review. Those standards require the auditor to plan and perform the audit to obtain sufficient, appropriate evidence to provide a reasonable basis for findings and conclusions based on audit objectives. The auditor believes that the evidence obtained provides a reasonable basis for the findings and conclusions based on the audit objectives.

Objective

Review the number of vehicles for each department in Public Works, their condition and an assessment of need.

Summary of Results

- The majority of the vehicles are in the enterprise funds of water, wastewater and stormwater where there have not been any reductions in staffing or duties
- Although the Street department was reduced in number of employees, they do not have a surplus of vehicles
- Employees of the Engineering division at times use their personal vehicles but, there is no documentation to evaluate if an additional city vehicle may be needed
- A tailgate conveyor was identified as having never been used

Background

The number of vehicles in Public Works is being questioned due to the reduction in staffing in the department. The following table presents the budgeted staffing by year. The Street Department has had the greatest reduction.

Public Works Budgeted Personnel

	2006	2007	2008	2009	2010	2011	2012
Street Department	15.00	15.00	15.00	13.00	12.00	11.00	8.00
Electronics	6.50	7.00	7.00	8.00	5.00	4.00	3.00
Facilities	3.00	4.00	4.00	4.00	4.00	4.00	4.00
Utility Operations	25.00	27.00	28.00	28.00	28.00	28.00	26.00
Wastewater	17.50	17.50	17.50	17.00	18.00	17.00	17.00
Water Resources	10.00	10.50	10.50	10.75	10.75	10.00	11.00
Forestry	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Equipment Maintenance	6.00	6.00	7.00	7.00	7.00	7.00	5.00
Total	87.00	91.00	93.00	91.75	88.75	85.00	78.00

The software maintained by the Equipment Services Division keeps detailed records of city vehicles. Fuel records, repair work orders and interviews provided information for this review. At June 30, 2012 the Public Works Department had 103 vehicles as listed in the following table. These range in size from a subcompact automobile to the 10 yard dump trucks. Equipment such as backhoes, trailers, loaders, and etc. was not included in the items requested to be examined.

Public Works Vehicles

Subcompact auto	1
Compact auto	1
Midsize auto	1
SUV	6
Light trucks 4X2	12
Light trucks 4X4	21
Medium trucks	27
Heavy trucks	16
Specialized	13
Vans	5
TOTAL	103

The attached schedules list the vehicles for each department. The description of the unit and the odometer reading near June 30, 2011 are included. Some units did not have fuel or maintenance near the beginning and/or end of the period from which an odometer reading could be obtained. All readings used were the best available. The attached schedules present the data sorted in different formats.

Analysis

The number of vehicles required is a matter of judgment by management which can be based on certain metrics. These metrics include the annual mileage, number of employees needing vehicles, specialization of the unit, and annual cost. Each of the above metrics should be considered when determining the appropriate status of each vehicle.

Mileage

Mileage may not be an indication of vehicle use. For example, a construction inspector working on the Pacific Avenue project would drive 2.2 miles from Olympus Drive to the work site. If there were two trips per day for a year, the distance traveled would be about 1,100 miles. If there were four trips per day it would be only about 2,200 miles. Many vehicles used in the city limits do not accumulate many miles during a year.

One example is vehicle number 0358, a 1983 GMC Brigadier truck tractor and tank trailer that is kept at the wastewater treatment plant. It has a 5,000 tank trailer which is available for emergencies in the sewer system. During the review period it only traveled about 148 miles. However, it is used in emergencies to pump sewage into keeping the sewage from flowing down the street or onto someone's property. Selling it would leave the city liable with no way to contain excess sewage.

Another example is vehicle number 0049, a 1994 Chevrolet 3500 flat bed. It is equipped with the Forestry Division fire pump on it, but traveled only 481 miles during the period.

Employees

The number of employees in a department requiring vehicles is a major factor. For example, the Facilities Division has six employees and six pickups or service trucks and one flatbed with a lift gate. (The flatbed is used for moving large items and is also used by several different departments.) The Facilities employees usually work independently at buildings and facilities throughout the city. Each employee needs transportation to their work site. These vehicles traveled distances ranging from 1,100 to 3,200 miles during the period.

The Electronics Division has four employees who work independently. There are three vehicles and two boom trucks assigned to the division and one vehicle funded in Water Resources. These vehicles traveled 2,700 to 4,700 miles during this period.

Some work in these departments is seasonal. Temporary workers need transportation to cut weeds, paint fire hydrants, or clean storm ditches. These staffing fluctuations should be considered.

Specialized Vehicles

Specialized vehicles include the pot hole patch truck, boom truck, bucket truck and the three vactor trucks. Each of these was included in the review. Each has specialized uses with some used more than others during the year. There is no apparent reason to consider any of these "excess."

There are also four Ford F550 trucks which have multiple beds and to which a snow plows are attached. These, along with the three 10 yard dump trucks in the Street Department are needed for snow plowing.

Cost

The annual cost was computed using fuel and maintenance records. The cost of fuel is the actual fuel purchased for each vehicle during the period reviewed. Repair costs were obtained from the repair work orders recorded by the Equipment Services Division in the maintenance software. These costs include the actual cost for repair parts. Labor costs are calculated by multiplying the technician's time spent on the work order by the standard shop rate used for the period.

Fuel records or maintenance repair records were used to obtain the odometer readings to determine use during the review period. Entries close to July 1, 2011 and June 30, 2012 were used. In some cases odometer readings for a 12 month period were not possible to obtain.

Cost per mile was computed as the cost of fuel and maintenance during the year divided by the miles driven during the year. However, a true cost per mile would include the capital cost depreciated over a specific anticipated number of years or miles.

Some events during the period caused unusual results. For example, when the cost of the bed that was replaced on the sludge truck is included, the cost per mile is \$41.10. The vactor trucks are high maintenance vehicles. They do not travel far during the year, but their auxiliary motors run while they are working. The street sweepers are high mileage vehicles and they are also expensive to maintain and fuel. Care must be taken to understand the nature of the use of each vehicle and its related maintenance if the "cost per mile" is used as a management tool.

STREET DEPARTMENT

The Street Department lost the most people in the budget reductions and would therefore be most likely have more vehicles than needed. The following table lists the vehicles in the Street Department. Eight of these vehicles are needed for snow plowing (F550 with plow attachment, 10 yard dump trucks for attaching snow plows, and deicer truck). The pot hole patch truck and the road paint system are specialized use vehicles. The remaining four vehicles are used by the seven street staff in the various tasks they perform. There are not any extra vehicles in this department.

ID	Description
3137	2003 FORD RANGER 4X4 pickup
73000	2008 FORD F350 4X4 P/U w/lift gate & fuel tank
3013	2006 FORD F350 4X4 W/ Service Body
3020	2002 DODGE 3500 flatbed w/road paint system
3027	2003 CHEVROLET 3500 w/flat bed
3021	2002 FORD F550 4X4 Crew cab w/multiple beds & snow plow
3022	2002 FORD F550 4X4 Crew cab w/multiple beds & snow plow
3103	2006 FORD F550 4X4 Crew cab w/multiple beds & snow plow
3104	2005 FORD F550 4x4 Crew cab w/multiple beds & snow plow
3066	1990 INTERNATIONAL 2554 w/5 yd dump - deicer tank
3091	1987 INTERNATIONAL 2574 w/10 yd dump
3092	1988 INTERNATIONAL 2574 w/10 yd dump
3106	1994 INTERNATIONAL 2574 w/10 yd dump
3010	1996 INTERNATIONAL 2554 pot hole patcher

OTHER ITEMS NOTED

Unused Equipment

During discussion regarding vehicle use, it was reported that item number 83110, a tailgate conveyor, has never been used. It was purchased in 2008 for \$11,768. Its intended purpose was to be attached to a dump truck to spread gravel or pavement grinding material along the shoulder of a street or road. Since this item has never been used, the city may wish to sell it.

Engineering Vehicles

The Engineering Division has 13 staff members who, at times, need a vehicle to do city business. The construction inspection staff drive to job sites to monitor construction. The engineers go to the field to design and inspect projects. For the 13 staff there are nine vehicles. Some senior staff reportedly use their personal vehicles for city business, but do not claim mileage reimbursement. If they were to be reimbursed for their vehicle

use it would create a record of need and therefore could be used to determine if additional vehicles are justified.

Use of Personal Vehicles

Paying mileage to employees instead of supplying a city vehicle may be an option. Considering only fuel and maintenance costs, there are many city vehicles that cost less than the IRS rate. However, the proper computation of vehicle cost per mile is to include the cost of the vehicle/depreciation. If there are vehicles available, reimbursement for use of a personal vehicle would not be recommended. The capital cost of acquisition has already been made for currently owned vehicles and more use is more beneficial to the city. Obviously, if there are not city vehicles available then use of personal vehicles is an option over the capital cost of acquiring additional vehicles.

There are additional considerations for the city employee. The employee must maintain proper levels of insurance. That cost may change if there is more than minimal use of their vehicle. The employee may not be able to provide a vehicle, and wear and tear on their vehicle may be more than they wish to accumulate.

Duty/Take Home Vehicles

Several of these vehicles are “duty vehicles” which mean that they are driven home by the city employee. In many instances, the vehicle taken home is the vehicle the employee uses during the day. The employee is on call after hours and the use of the vehicle is to facilitate response to emergencies. An analysis of take home vehicles was not included in the request for this review.

PUBLIC WORKS VEHICLES LISTED BY DEPARTMENT AND DIVISION

ID	Description	Dept.	Division	Category
1905	1996 Ford F350 w/service body	001-47	Equipment Services	203
1920	2001 GMC Sonoma 4X4 Ext pickup	001-47	Equipment Services	201
1932	1996 Chevrolet S10 pickup	001-47	Equipment Services	201
3076	2001 GMC Sonoma 4X4 Ext w/service box	001-47	Equipment Services	201
81900	2009 Toyota Yaris	001-47	Equipment Services	2
111118	2011 Chevrolet Silverado 1500 4WD pickup	001-49	Facilities	202
1701	2006 Chevrolet 1500 4X2 Pickup	001-61	Engineering	201
1707	2002 Chevrolet Blazer 4X4	001-61	Engineering	5
1708	2002 Ford Ranger 4X4 Pickup	001-61	Engineering	201
1709	2003 Chevrolet Express van	001-61	Engineering	203
3005	2002 Chevrolet Express van	102	Electronics	203
3081	1995 International w/Versalift boom-bucket	102	Electronics	211
3108	2006 Ford F350 4X4 W/ svc body	102	Electronics	203
3134	1999 Ford F450 SVC W/Boom lift bucket	102	Electronics	211
113076	2012 Chevrolet Colorado Ext Cab 4X4 pickup	102	Electronics	201
3010	1996 International 2554 pot hole patcher	102	Street	208
3021	2002 Ford F550 4X4 CREW w/multiple beds	102	Street	204
3022	2002 Ford F550 4X4 Crew w/multiple beds	102	Street	204
3066	1990 International 2554 w/5yd dump & deicer tank	102	Street	205
3091	1987 International 2574 w/10 yd dump	102	Street	207
3092	1988 International F2574 w/10 yd dump	102	Street	207
3103	2006 Ford F550 4X4 Crew Cab w/multiple beds	102	Street	204
3104	2005 Ford F550 Crew Cab w/ multiple beds	102	Street	204
3106	1994 International 2574 10 yd Dump	102	Street	207
3137	2003 Ford Ranger 4X4 Ext pickup	102	Street	201
73000	2008 Ford F350 4X4 Pickup	102	Street	203
3013	2006 Ford F350 4X4 w/service body	102	Traffic Maintenance	203
3020	2002 Dodge 3500 w/road paint system	102	Traffic Maintenance	203
3027	2003 Chevrolet 3500 w/flat bed	102	Traffic Maintenance	203
12	2006 Chevrolet 1500 4X2 Pickup	401	Cross Connection	201
6	2004 Chevrolet Colorado 4X2 P/U	401	Engineering/Wastewater	201
15	2004 Chevrolet Colorado 4X2 Pickup	401	Engineering/Wastewater	201
55	2005 Ford Ranger 4X2 pickup	401	Engineering/Wastewater	201
56	1999 Ford Ranger XTD Cab 4X4 pickup	401	Engineering/Wastewater	201
58	2005 Ford Ranger 4X2 Pickup	401	Engineering/Wastewater	201

ID	Description	Dept.	Division	Category
5	2003 Chevrolet C3500 w/flat bed	401	Facilities/Inventory	203
24	2004 Chevrolet Silverado pickup	401	Facilities/Inventory	201
29	1990 Kenworth boom truck	401	Facilities/Inventory	211
36	2005 Chevrolet Silverado 4X4 pickup	401	Facilities/Inventory	201
80083	2008 Ford F550 4X2	401	Facilities/Inventory	204
80084	2008 Chevrolet Silverado 4X4 ext cab pickup	401	Facilities/Inventory	201
90071	2009 Ford F150 Ext Cab 4X2 pickup	401	Facilities/Inventory	201
14	2006 Ford F250 4X4 Pickup	401	Forestry	202
26	2002 Dodge Ram 1 Ton 4X4 w/2 yd dump	401	Forestry	203
49	1994 Chevrolet 3500 HD flatbed	401	Forestry	203
77	2001 International 2674 6X4 sludge truck	401	Forestry	206
79	2001 Ford F250 Super Duty 4X4 pickup	401	Forestry	202
81	2004 Chevrolet Colorado 4X4 Pickup	401	Forestry	201
3069	1990 International 2554 10 yd dump	401	Forestry	207
13	2006 Toyota Prius 1224A Hybrid	401	PW&U ADMINISTRATION	3
9	1988 International 1954 w/5 yd dump	401	Water Maintenance	205
16	2002 Chevrolet Blazer 4X4	401	Water Maintenance	5
17	2002 Chevrolet Blazer 4X4	401	Water Maintenance	5
19	2003 Chevrolet 3500 w/service body	401	Water Maintenance	203
20	1990 International 2554 10 yd dump	401	Water Maintenance	206
30	2004 Chevrolet Silverado 4X2 w/service body	401	Water Maintenance	203
33	2006 Chevrolet 3500 w/service body	401	Water Maintenance	203
43	2004 Ford F150 XL 4X4 pickup	401	Water Maintenance	201
57	1999 Ford F250 4X4 pickup	401	Water Maintenance	202
73	2000 Chevrolet Silverado 4X2 pickup	401	Water Maintenance	201
70070	2007 Chevrolet Silverado 1/2 ton 4X2 pickup	401	Water Maintenance	201
70072	2007 Chevrolet Silverado 1/2 ton 4X4 pickup	401	Water Maintenance	201
80001	2009 International 7400 w/2110 Vactor	401	Water Maintenance	210
90003	2009 Ford F150 Ext Cab 4X2 pickup	401	Water Maintenance	201
90031	2009 Chevrolet 1500 4X4 pickup	401	Water Maintenance	201
90098	2009 Ford F450 w/ 3 yd dump	401	Water Maintenance	204
110043	2011 Chevrolet 1500 4X4 Ext Cab pickup	401	Water Maintenance	201
110057	2012 Ford F350 4X2 pickup	401	Water Maintenance	202
27	2004 Chevrolet Silverado w/service body	401	Water Resources	203
54	2006 Chevrolet Colorado 4x4 pickup	401	Water Resources	201
59	1996 Ford Ranger 4X4 pickup	401	Water Resources	201
76	2000 Jeep Cherokee SE 4WD	401	Water Resources	5
78	2000 Chevrolet Cargo Van	401	Water Resources	203
88	2005 Ford F550 4X4 w/service body	401	Water Resources	204
89	2005 Chevrolet Silverado 4x4 pickup	401	Water Resources	203
306	2000 Chevrolet Astro Van	401	Water Resources	201
72102	2008 Ford Escape 4X4	401	Water Resources	5
110017	2012 Ford Escape Hybrid 4WD	401	Water Resources	5
110042	2012 Chevrolet Colorado Crew Cab 4WD pickup	401	Water Resources	201

ID	Description	Dept.	Division	Category
10	1974 GMC 5000 w/flat bed	451	Sewer	203
315	2005 K3500 4x4 w/service body	451	Sewer	203
321	1986 International 2574 10 yd dump	451	Sewer	206
358	1983 GMC J9C BRIGADIER w/ tank trailer	451	Sewer	206
360	2000 International 2574 w/2215 series Vactor	451	Sewer	210
90389	2008 Chevrolet C4500 Cube Van	451	Sewer	205
91	2000 Chevrolet Cargo Van	451	WWTP	203
300	2006 Chevrolet 3500 w/service body	451	WWTP	203
304	2004 Chevrolet Colorado 4X4 Pickup	451	WWTP	201
320	2004 Chevrolet Silverado w/flat bed	451	WWTP	203
332	2005 Chevrolet Colorado 4X4 Ext Cab pickup	451	WWTP	201
333	2005 Chevrolet Colorado Pickup	451	WWTP	201
396	1988 Chevrolet 3500 4X2 w/service body	451	WWTP	203
3004	2006 Ford F350 4X4 Ext Cab	451	WWTP	203
3072	2001 Chevrolet Van	451	WWTP	203
3099	1998 Chevrolet 3500 4X4 w/service body	451	WWTP	203
302	2003 Chevrolet C3500 w/service body	481	Storm	203
303	2003 Sterling SC8000 street sweeper	481	Storm	327
314	2005 C3500 4x4 w/3yd dump	481	Storm	203
352	2001 Ford F450 Super Duty w/dump body	481	Storm	204
70307	2007 Chevrolet Silverado 4x4 ext cab pickup	481	Storm	201
90308	2008 GMC T7500 W/2010 Elgin Sweeper	481	Storm	327
90366	2010 IH 7600 w/2009 Vactor 2112	481	Storm	210

PUBLIC WORKS VEHICLES LISTED BY VEHICLE CATEGORY

ID	Description	Dept. Division	Category	Odometer
81900	2009 Toyota Yaris	001-47 Equipment Services	2	10,967
13	2006 Toyota Prius 1224A Hybrid	401 PW&U Administration	3	27,729
1497	1999 Ford Taurus	001-47 Equipment Services	3	95,209
17	2002 Chevrolet Blazer 4X4	401 Water Maintenance	5	24,477
16	2002 Chevrolet Blazer 4X4	401 Water Maintenance	5	56,025
72102	2008 Ford Escape 4X4	401 Water Resources	5	36,172
76	2000 Jeep Cherokee SE 4WD	401 Water Resources	5	77,129
110017	2012 Ford Escape Hybrid 4WD	401 Water Resources	5	6,642
1707	2002 Chevrolet Blazer 4X4	001-61 Engineering	5	42,556
113076	2012 Chevrolet Colorado Ext Cab 4X4 pickup	102 Electronics	201	2,174
3137	2003 Ford Ranger 4X4 Ext pickup	102 Street	201	81,707
12	2006 Chevrolet 1500 4X2 Pickup	401 Cross Connection	201	20,275
6	2004 Chevrolet Colorado 4X2 P/U	401 Engineering/Wastewater	201	28,760
55	2005 Ford Ranger 4X2 pickup	401 Engineering/Wastewater	201	27,164
58	2005 Ford Ranger 4X2 Pickup	401 Engineering/Wastewater	201	28,913
15	2004 Chevrolet Colorado 4X2 Pickup	401 Engineering/Wastewater	201	24,330
56	1999 Ford Ranger XTD Cab 4X4 pickup	401 Engineering/Wastewater	201	61,530
24	2004 Chevrolet Silverado pickup	401 Facilities/Inventory	201	40,444
36	2005 Chevrolet Silverado 4X4 pickup	401 Facilities/Inventory	201	37,959
90071	2009 Ford F150 Ext Cab 4X2 pickup	401 Facilities/Inventory	201	8,276
80084	2008 Chevrolet Silverado 4X4 ext cab pickup	401 Facilities/Inventory	201	18,992
81	2004 Chevrolet Colorado 4X4 Pickup	401 Forestry	201	46,089
70070	2007 Chevrolet Silverado 1/2 ton 4X2 pickup	401 Water Maintenance	201	36,498
43	2004 Ford F150 XL 4X4 pickup	401 Water Maintenance	201	126,313
90003	2009 Ford F150 Ext Cab 4X2 pickup	401 Water Maintenance	201	24,268
73	2000 Chevrolet Silverado 4X2 pickup	401 Water Maintenance	201	102,772
90031	2009 Chevrolet 1500 4X4 pickup	401 Water Maintenance	201	24,634
70072	2007 Chevrolet Silverado 1/2 ton 4X4 pickup	401 Water Maintenance	201	26,118
110043	2011 Chevrolet 1500 4X4 Ext Cab pickup	401 Water Maintenance	201	16,829
306	2000 Chevrolet Astro Van	401 Water Resources	201	42,144
59	1996 Ford Ranger 4X4 pickup	401 Water Resources	201	86,796
54	2006 Chevrolet Colorado 4x4 pickup	401 Water Resources	201	59,164
110042	2012 Chevrolet Colorado Crew Cab 4WD pickup	401 Water Resources	201	3,337
332	2005 Chevrolet Colorado 4X4 Ext Cab pickup	451 WWTP	201	45,355
304	2004 Chevrolet Colorado 4X4 Pickup	451 WWTP	201	130,309
333	2005 Chevrolet Colorado Pickup	451 WWTP	201	48,442
70307	2007 Chevrolet Silverado 4x4 ext cab pickup	481 Storm	201	36,461
3076	2001 GMC Sonoma 4X4 Ext w/service box	001-47 Equipment Services	201	58,173
1920	2001 GMC Sonoma 4X4 Ext pickup	001-47 Equipment Services	201	67,101
1932	1996 Chevrolet S10 pickup	001-47 Equipment Services	201	86,341
1708	2002 Ford Ranger 4X4 Pickup	001-61 Engineering	201	39,372
1701	2006 Chevrolet 1500 4X2 Pickup	001-61 Engineering	201	19,084

ID	Description	Dept. Division	Category	Odometer
14	2006 Ford F250 4X4 Pickup	401 Forestry	202	39,396
79	2001 Ford F250 Super Duty 4X4 pickup	401 Forestry	202	100,926
0057	1999 Ford F250 4X4 pickup	401 Water Maintenance	202	76,937
110057	2012 Ford F350 4X2 pickup	401 Water Maintenance	202	375
111118	2011 Chevrolet Silverado 1500 4WD pickup	001-49 Facilities	202	5,767
3005	2002 Chevrolet Express van	102 Electronics	203	80,231
3108	2006 Ford F350 4X4 W/ svc body	102 Electronics	203	47,756
73000	2008 Ford F350 4X4 Pickup	102 Street	203	49,497
3027	2003 Chevrolet 3500 w/flat bed	102 Traffic Maintenance	203	41,328
3020	2002 Dodge 3500 w/road paint system	102 Traffic Maintenance	203	28,891
3013	2006 Ford F350 4X4 w/service body	102 Traffic Maintenance	203	60,904
5	2003 Chevrolet C3500 w/flat bed	401 Facilities/Inventory	203	22,701
49	1994 Chevrolet 3500 HD flatbed	401 Forestry	203	15,901
26	2002 Dodge Ram 1 Ton 4X4 w/2 yd dump	401 Forestry	203	53,850
19	2003 Chevrolet 3500 w/service body	401 Water Maintenance	203	88,577
33	2006 Chevrolet 3500 w/service body	401 Water Maintenance	203	62,750
30	2004 Chevrolet Silverado 4X2 w/service body	401 Water Maintenance	203	69,584
78	2000 Chevrolet Cargo Van	401 Water Resources	203	54,634
27	2004 Chevrolet Silverado w/service body	401 Water Resources	203	63,595
89	2005 Chevrolet Silverado 4x4 pickup	401 Water Resources	203	56,504
315	2005 K3500 4x4 w/service body	451 Sewer	203	36,580
10	1974 GMC 5000 w/flat bed	451 Sewer	203	76,108
91	2000 Chevrolet Cargo Van	451 WWTP	203	51,996
300	2006 Chevrolet 3500 w/service body	451 WWTP	203	40,852
396	1988 Chevrolet 3500 4X2 w/service body	451 WWTP	203	165,607
3099	1998 Chevrolet 3500 4X4 w/service body	451 WWTP	203	108,713
320	2004 Chevrolet Silverado w/flat bed	451 WWTP	203	17,388
3072	2001 Chevrolet Van	451 WWTP	203	105,295
3004	2006 Ford F350 4X4 Ext Cab	451 WWTP	203	66,581
314	2005 C3500 4x4 w/3yd dump	481 Storm	203	25,644
302	2003 Chevrolet C3500 w/service body	481 Storm	203	48,749
1905	1996 Ford F350 w/service body	001-47 Equipment Services	203	36,332
1709	2003 Chevrolet Express van	001-61 Engineering	203	31,360
3104	2005 Ford F550 Crew Cab w/ multiple beds	102 Street	204	28,062
3103	2006 Ford F550 4X4 Crew Cab w/multiple beds	102 Street	204	28,320
3021	2002 Ford F550 4X4 CREW w/multiple beds	102 Street	204	61,121
3022	2002 Ford F550 4X4 Crew w/multiple beds	102 Street	204	78,615
80083	2008 Ford F550 4X2	401 Facilities/Inventory	204	7,655
90098	2009 Ford F450 w/ 3 yd dump	401 Water Maintenance	204	8,709
88	2005 Ford F550 4X4 w/service body	401 Water Resources	204	57,520
352	2001 Ford F450 Super Duty w/dump body	481 Storm	204	68,725
3066	1990 International 2554 w/5yd dump & deicer t	102 Street	205	65,621
9	1988 International 1954 w/5 yd dump	401 Water Maintenance	205	50,848
90389	2008 Chevrolet C4500 Cube Van	451 Sewer	205	16,724

ID	Description	Dept. Division	Category	Odometer
77	2001 International 2674 6X4 sludge truck	401 Forestry	206	24,437
20	1990 International 2554 10 yd dump	401 Water Maintenance	206	75,777
358	1983 GMC J9C BRIGADIER w/ tank trailer	451 Sewer	206	127,990
321	1986 International 2574 10 yd dump	451 Sewer	206	126,337
3106	1994 International 2574 10 yd Dump	102 Street	207	201,512
3091	1987 International 2574 w/10 yd dump	102 Street	207	289,000
3092	1988 International F2574 w/10 yd dump	102 Street	207	191,906
3069	1990 International 2554 10 yd dump	401 Forestry	207	146,803
3010	1996 International 2554 pot hole patcher	102 Street	208	81,444
80001	2009 International 7400 w/2110 Vactor	401 Water Maintenance	210	5,951
360	2000 International 2574 w/2215 series Vactor	451 Sewer	210	53,023
90366	2010 IH 7600 w/2009 Vactor 2112	481 Storm	210	13,883
3081	1995 International w/Versalift boom-bucket	102 Electronics	211	48,804
3134	1999 Ford F450 SVC W/Boom lift bucket	102 Electronics	211	82,389
29	1990 Kenworth boom truck	401 Facilities/Inventory	211	11,768
303	2003 Sterling SC8000 street sweeper	481 Storm	327	113,611
90308	2008 GMC T7500 W/2010 Elgin Sweeper	481 Storm	327	31,444

PUBLIC WORKS VEHICLES LISTED BY COST PER MILE

ID	Description	Division	Maint	Fuel	Total		Cost per Mile
					Cost	Miles	
77	2001 International 2674 6X4 sludge truck	Forestry	8,302	0	8,302	202	41.099
360	2000 International 2574 w/2215 series Vactor	Sewer	28,288	6,741	35,029	2,375	14.749
80001	2009 International 7400 w/2110 Vactor	Water Maintenance	6,234	3,504	9,738	964	10.102
29	1990 Kenworth boom truck	Facilities/Inventory	1,360	182	1,542	156	9.885
303	2003 Sterling SC8000 street sweeper	Storm	23,828	7,819	31,647	4,173	7.584
3081	1995 International w/Versalift boom-bucket	Electronics	5,459	1,252	6,711	900	7.457
3066	1990 International 2554 w/5yd dump & deicer ta	Street	1,170	109	1,278	219	5.838
90366	2010 IH 7600 w/2009 Vactor 2112	Storm	9,447	15,320	24,767	4,485	5.522
358	1983 GMC J9C BRIGADIER w/ tank trailer	Sewer	475	0	475	148	3.211
90308	2008 GMC T7500 W/2010 Elgin Sweeper	Storm	17,436	26,624	44,059	14,187	3.106
3106	1994 International 2574 10 yd Dump	Street	5,424	3,307	8,730	3,091	2.824
3134	1999 Ford F450 SVC W/Boom lift bucket	Electronics	3,460	912	4,372	1,594	2.743
3069	1990 International 2554 10 yd dump	Forestry	2,926	1,248	4,175	1,783	2.341
3104	2005 Ford F550 Crew Cab w/ multiple beds	Street	3,426	1,223	4,649	2,217	2.097
20	1990 International 2554 10 yd dump	Water Maintenance	2,639	2,111	4,750	2,286	2.078
3103	2006 Ford F550 4X4 Crew Cab w/multiple beds	Street	2,417	1,011	3,428	1,660	2.065
321	1986 International 2574 10 yd dump	Sewer	2,081	2,652	4,732	2,475	1.912
3010	1996 International 2554 pot hole patcher	Street	4,262	3,196	7,458	4,051	1.841
3091	1987 International 2574 w/10 yd dump	Street	3,028	3,105	6,132	3,722	1.648
49	1994 Chevrolet 3500 HD flatbed	Forestry	294	494	788	481	1.638
9	1988 International 1954 w/5 yd dump	Water Maintenance	923	1,556	2,478	1,681	1.474
1905	1996 Ford F350 w/service body	Equipment Services	1,245	1,198	2,443	1,706	1.432
3021	2002 Ford F550 4X4 CREW w/multiple beds	Street	2,241	1,596	3,837	2,877	1.334
26	2002 Dodge Ram 1 Ton 4X4 w/2 yd dump	Forestry	2,966	4,858	7,824	6,130	1.276
70070	2007 Chevrolet Silverado 1/2 ton 4X2 pickup	Water Maintenance	4,811	3,072	7,883	6,608	1.193
72102	2008 Ford Escape 4X4	Water Resources	2,126	134	2,260	1,981	1.141
3092	1988 International F2574 w/10 yd dump	Street	2,977	2,688	5,664	5,033	1.125
314	2005 C3500 4x4 w/3yd dump	Storm	1,013	2,288	3,301	2,957	1.116
3076	2001 GMC Sonoma 4X4 Ext w/service box	Equipment Services	2,381	946	3,327	2,983	1.115
3022	2002 Ford F550 4X4 Crew w/multiple beds	Street	2,464	2,154	4,619	4,205	1.098
6	2004 Chevrolet Colorado 4X2 P/U	Engineering	959	336	1,295	1,208	1.072
90389	2008 Chevrolet C4500 Cube Van	Sewer	584	1,753	2,336	2,280	1.025
302	2003 Chevrolet C3500 w/service body	Storm	1,472	2,919	4,391	4,404	0.997
19	2003 Chevrolet 3500 w/service body	Water Maintenance	4,198	6,651	10,849	11,082	0.979
80083	2008 Ford F550 4X2	Facilities/Inventory	885	1,032	1,918	2,053	0.934
91	2000 Chevrolet Cargo Van	WWTP	1,352	1,088	2,439	2,689	0.907
90098	2009 Ford F450 w/ 3 yd dump	Water Maintenance	504	1,138	1,641	1,837	0.893
55	2005 Ford Ranger 4X2 pickup	Engineering	772	338	1,111	1,280	0.868
315	2005 K3500 4x4 w/service body	Sewer	748	2,073	2,821	3,255	0.867
300	2006 Chevrolet 3500 w/service body	WWTP	3,316	4,297	7,613	8,791	0.866
88	2005 Ford F550 4X4 w/service body	Water Resources	3,392	2,972	6,364	7,416	0.858
352	2001 Ford F450 Super Duty w/dump body	Storm	1,318	3,671	4,989	5,876	0.849
3027	2003 Chevrolet 3500 w/flat bed	Traffic Maintenance	1,671	4,090	5,760	6,961	0.828
3020	2002 Dodge 3500 w/road paint system	Traffic Maintenance	465	427	892	1,080	0.826

ID	Description	Division	Maint	Fuel	Total		Cost per
					Cost	Miles	Mile
1920	2001 GMC Sonoma 4X4 Ext pickup	Equipment Services	476	405	881	1,086	0.811
33	2006 Chevrolet 3500 w/service body	Water Maintenance	1,935	6,131	8,065	10,018	0.805
3137	2003 Ford Ranger 4X4 Ext pickup	Street	704	680	1,384	1,803	0.768
14	2006 Ford F250 4X4 Pickup	Forestry	501	3,812	4,313	5,801	0.744
306	2000 Chevrolet Astro Van	Water Resources	467	434	901	1,240	0.727
76	2000 Jeep Cherokee SE 4WD	Water Resources	1,961	1,732	3,693	5,110	0.723
0057	1999 Ford F250 4X4 pickup	Water Maintenance	847	2,899	3,746	5,255	0.713
30	2004 Chevrolet Silverado 4X2 w/service body	Water Maintenance	1,584	4,380	5,963	8,539	0.698
332	2005 Chevrolet Colorado 4X4 Ext Cab pickup	WWTP	605	2,528	3,132	4,659	0.672
3005	2002 Chevrolet Express van	Electronics	1,739	2,999	4,739	7,223	0.656
396	1988 Chevrolet 3500 4X2 w/service body	WWTP	821	1,660	2,481	3,844	0.645
5	2003 Chevrolet C3500 w/flat bed	Facilities/Inventory	396	728	1,124	1,763	0.637
79	2001 Ford F250 Super Duty 4X4 pickup	Forestry	1,002	3,491	4,492	7,241	0.620
3099	1998 Chevrolet 3500 4X4 w/service body	WWTP	762	2,835	3,598	5,816	0.619
1708	2002 Ford Ranger 4X4 Pickup	Engineering	738	465	1,203	1,947	0.618
24	2004 Chevrolet Silverado pickup	Facilities/Inventory	1,192	2,012	3,204	5,283	0.606
36	2005 Chevrolet Silverado 4X4 pickup	Facilities/Inventory	1,038	1,451	2,488	4,124	0.603
320	2004 Chevrolet Silverado w/flat bed	WWTP	499	1,848	2,347	3,919	0.599
3072	2001 Chevrolet Van	WWTP	868	1,682	2,549	4,262	0.598
90071	2009 Ford F150 Ext Cab 4X2 pickup	Facilities/Inventory	446	795	1,241	2,141	0.579
1709	2003 Chevrolet Express van	Engineering	331	1,451	1,783	3,098	0.575
43	2004 Ford F150 XL 4X4 pickup	Water Maintenance	455	2,988	3,443	6,067	0.567
78	2000 Chevrolet Cargo Van	Water Resources	374	1,678	2,051	3,634	0.564
1707	2002 Chevrolet Blazer 4X4	Engineering	538	613	1,151	2,090	0.551
27	2004 Chevrolet Silverado w/service body	Water Resources	520	4,777	5,298	9,690	0.547
1932	1996 Chevrolet S10 pickup	Equipment Services	481	875	1,357	2,593	0.523
3004	2006 Ford F350 4X4 Ext Cab	WWTP	1,743	4,434	6,178	11,980	0.516
3108	2006 Ford F350 4X4 W/ svc body	Electronics	529	2,192	2,721	5,365	0.507
90003	2009 Ford F150 Ext Cab 4X2 pickup	Water Maintenance	905	3,345	4,250	8,512	0.499
73	2000 Chevrolet Silverado 4X2 pickup	Water Maintenance	821	1,088	1,909	3,844	0.497
73000	2008 Ford F350 4X4 Pickup	Street	633	4,757	5,390	10,876	0.496
89	2005 Chevrolet Silverado 4x4 pickup	Water Resources	1,332	3,151	4,483	9,374	0.478
70307	2007 Chevrolet Silverado 4x4 ext cab pickup	Storm	681	1,738	2,419	5,132	0.471
1701	2006 Chevrolet 1500 4X2 Pickup	Engineering	221	492	713	1,525	0.467
304	2004 Chevrolet Colorado 4X4 Pickup	WWTP	2,792	3,691	6,482	13,875	0.467
80084	2008 Chevrolet Silverado 4X4 ext cab pickup	Facilities/Inventory	415	1,833	2,248	4,840	0.464
17	2002 Chevrolet Blazer 4X4	Water Maintenance	605	666	1,271	2,751	0.462
59	1996 Ford Ranger 4X4 pickup	Water Resources	460	775	1,235	2,723	0.453
12	2006 Chevrolet 1500 4X2 Pickup	Cross Connection	408	1,053	1,461	3,243	0.451
81	2004 Chevrolet Colorado 4X4 Pickup	Forestry	1,281	1,825	3,105	6,955	0.446
90031	2009 Chevrolet 1500 4X4 pickup	Water Maintenance	520	3,022	3,543	8,224	0.431
70072	2007 Chevrolet Silverado 1/2 ton 4X4 pickup	Water Maintenance	460	1,676	2,136	5,068	0.422
58	2005 Ford Ranger 4X2 Pickup	Engineering	229	395	624	1,489	0.419
54	2006 Chevrolet Colorado 4x4 pickup	Water Resources	1,839	2,931	4,770	11,494	0.415
110043	2011 Chevrolet 1500 4X4 Ext Cab pickup	Water Maintenance	325	6,514	6,839	16,555	0.413
3013	2006 Ford F350 4X4 w/service body	Traffic Maintenance	789	6,478	7,267	17,653	0.412

ID	Description	Division	Maint	Fuel	Total		Cost per
					Cost	Miles	Mile
15	2004 Chevrolet Colorado 4X2 Pickup	Engineering	342	463	804	1,972	0.408
111118	2011 Chevrolet Silverado 1500 4WD pickup	Facilities	226	1,775	2,001	5,507	0.363
56	1999 Ford Ranger XTD Cab 4X4 pickup	Engineering	355	1,457	1,812	5,049	0.359
113076	2012 Chevrolet Colorado Ext Cab 4X4 pickup	Electronics	79	673	752	2,173	0.346
1497	1999 Ford Taurus	Equipment Services	191	316	508	1,534	0.331
16	2002 Chevrolet Blazer 4X4	Water Maintenance	910	4,815	5,726	17,881	0.320
110057	2012 Ford F350 4X2 pickup	Water Maintenance	0	108	108	374	0.290
333	2005 Chevrolet Colorado Pickup	WWTP	493	2,073	2,566	9,250	0.277
110042	2012 Chevrolet Colorado Crew Cab 4WD pickup	Water Resources	156	769	925	3,336	0.277
13	2006 Toyota Prius 1224A Hybrid	PW&U Administrator	353	305	658	2,628	0.250
81900	2009 Toyota Yaris	Equipment Services	231	252	482	2,342	0.206
110017	2012 Ford Escape Hybrid 4WD	Water Resources	77	913	990	6,641	0.149
10	1974 GMC 5000 w/flat bed	Sewer	84	100	184	5,990	0.031