

Agency - Please choose from drop down box -->	DOT	Phone number	Email address	Additional information
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For assistance filling out this template, please see "FY09 Template Guidelines" booklet or contact Liz Kunz: [lkun461@ecy.wa.gov](mailto:lkun461@ecy.wa.gov) or (360-407-6358). Please rename file and include the Agency Acronym before submission. Example: "FY09 ECY Sustainability Progress Report.xls"

<b>Comments on Miles Traveled</b>	WSDOT's VMT come from both 'mission critical' activities, such as snow and ice removal and incident response, construction inspection, and employees driving to meetings. While an unprecedented number of projects were constructed this last year, WSDOT continues to decrease VMT. In addition, last year WSDOT responded to a record number of road closures due to winter weather conditions.
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<b>Comments on Fuel Purchased</b>	WSDOT purchased 121,164 gallons of bulk B100 biodiesel in FY09. See tab "BulkBiodieselPurchased" for details.
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<b>Comments on Building Square Footage</b>	Building square footage figures are dynamic and are being reported as a "snapshot in time" as of October 2009. Reported data represents square footage that is associated with utility expenditures directly paid by WSDOT, excluding ferry terminals and their associated buildings.
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<b>Comments on Energy consumed</b>	WSDOT energy consumption is currently tracked on a statewide basis by utility expenditures, not by units of energy such as kWh, Therm, gallon, BTU, or CCF. These expenditures are converted into units of energy consumed using a statewide energy rate provided by the Energy Information Administration. The energy consumption figures shown in the Space, Energy & Water table reflect usage at owned and leased facilities for which WSDOT directly pays utility bills, excluding Ferry Division facilities. Additionally, these figures exclude energy consumption not associated with square footage (street lights, traffic lights, cameras, bridges, tunnels, etc.).
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<b>Comments on Water consumed</b>	Many WSDOT facilities are supplied by WSDOT-managed wells that are not metered. The reported data reflects water consumption that is metered at owned and leased facilities and irrigation points, for which WSDOT directly pays utility bills, excluding Ferry Division facilities.
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<b>Comments on Paper purchased</b>	A significant amount of the paper purchased at WSDOT is used for the plan sheets for the highway construction jobs that go to Ad each year. 160 projects in 07/08 and 185 in 08/09. The complexity of each project factors into the required number of pages needed for each set of plans. There is not a one-to-one relationship of increase.
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<b>Comments on Waste and Recycling</b>	Waste and recycling is difficult to quantify because a significant amount is either not measured or weighed. Waste and recycling reported only includes measured or weighed scales. The FY09 WSDOT Sustainability Report excludes recycling data from a significant contributor, the ELG Building in Tumwater. As soon as this data is available, it will be forwarded to Ecology. Janitorial paper products used to be purchased from several different sources. This past year is the first year we have had a state contract for janitorial paper products. Purchasing and Materials Management is beginning conversations with the vendor to create a streamlined system to collect sustainability data.
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FY09 Annual Sustainability Data Report

Agency	FY09 Agency Leased Vehicles Miles Traveled (MP Perm)	FY09 GA Fleet Miles Traveled (MP Daily Trips)	FY09 Agency Owned Vehicle (AOV) Miles Traveled	FY09 Personally Owned Vehicle Miles Traveled (POV)	FY09 total of AOV+POV + MP miles traveled	FY09 Special Use miles traveled	FY09 Number of 4WD exception vehicles purchased
DOT	39475	53497	6412100	3913371	10418443	n/a	0

Agency	FY09 Gasoline Agency Leased (MP Perm)	FY09 Gasoline GA Fleet (MP Daily Trips)	FY09 Gasoline Agency Owned Vehicles (AOV)	FY09 Gasoline calculated from POV reimbursement (20.5 avg fuel economy)	FY09 E85 (Ethanol) purchased for vehicle use	FY09 Total Gasoline+ethanol for vehicle use	FY09 Petroleum Diesel for vehicle use
DOT	2136	2136	294815	190896.146	n/a	489983.146	0

Agency	FY09 Gasoline Special Use	FY09 Petroleum Diesel Special Use	FY09 Gasoline Vessels	FY09 Petroleum Diesel Vessels	FY09 Propane for all transportation uses	FY09 Aviation Fuel	FY09 Total Gasoline+ethanol for all uses	FY09 Total Petroleum Diesel for all uses
DOT	1236838	2332191		17012892	10489	2828	1726821.15	19345083

FY09 Annual Sustainability Data Report

Agency	FY09 Total Square Footage	FY09 Electricity Conventional (kWh)	FY09 Natural Gas (Therms)	FY09 Fuel Oil for energy (Gallons)	FY09 Propane for energy (Gallons)	FY09 Biomass for energy (Btu)	FY09 Onsite renewable energy generated (kWh)	FY09 Energy Offsets purchased (kWh)
DOT	2687212	29520331	645815	10296				

Agency	FY09 Potable Water Usage (CCF)	FY09 Irrigation Water Usage (CCF)	FY09 Non-potable Water Usage (CCF)	FY09 Total Water usage (CCF)
DOT	90354	1986		90354

FY09 Annual Sustainability Data Report

<b>Agency</b>	<b>FY09 Virgin office paper (reams)</b>	<b>FY09 30 -40% recycled content office paper (reams)</b>	<b>FY09 100% recycled content office paper (reams)</b>	<b>FY09 Total office paper (reams)</b>	<b>FY09 Recycled Content Janitorial paper products (cases)</b>
DOT	9361	108112	16739	134212	1249

<b>Agency</b>	<b>FY09 Office Paper recycled (pounds)</b>	<b>FY09 Garbage sent to landfill (pounds)</b>	<b>FY09 Material composted (pounds)</b>	<b>FY09 Other Material recycled (pounds)</b>
DOT	304630	2804040	7500	35720

Inventory		FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Inventory Change Since FY 2008	
Class	Type Units							Units	Percent
1	Passenger-Carrying Vehicles	643	661	653	665	680	647	-33	-5.0%
2	Light Cargo Carrying Vehicles	158	154	167	166	158	157	-1	-0.6%
3	Incident Response Vehicles	66	69	55	60	56	48	-8	-13.3%
4	Light Vehicles w/Special Bodies	278	257	268	257	258	297	39	15.2%
5	Pickup Trucks	1,111	1,149	1,190	1,181	1,173	1,134	-39	-3.3%
<b>Total</b>		<b>2,256</b>	<b>2,290</b>	<b>2,333</b>	<b>2,329</b>	<b>2,325</b>	<b>2,283</b>	<b>-42</b>	<b>-1.8%</b>

Inventory		FY 2007	FY 2008	FY 2009	Total Inventory Change Since FY 2008	
Class	Type Units				Units	Percent
1	Passenger-Carrying Vehicles	665	680	647	-33	-5.0%
2	Light Cargo-Carrying Vehicles	166	158	157	-1	-0.6%
3	Incident Response Vehicles	60	56	48	-8	-13.3%
4	Light Vehicles w/Special Bodies	257	258	297	39	15.2%
5	Pickup Trucks	1,181	1,173	1,134	-39	-3.3%
<b>Total</b>		<b>2,329</b>	<b>2,325</b>	<b>2,283</b>	<b>-42</b>	<b>-1.8%</b>

Low Emission and Hybrid Purchases				
Fiscal Year (FY)	Low Emission Vehicles Purchased	Hybrids Purchased	Total Quantity of Low Emission and Hybrids Purchased	Percent of Hybrids
2003	47	2	49	4%
2004	65	2	67	3%
2005	43	2	45	4%
2006	44	3	47	6%
2007	86	4	90	4%
2008	70	20	90	22%
2009	18	10	28	36%

**WSDOT Owned Equipment Fuel Use By Program  
Fiscal Year 2006 to Fiscal Year 2009**

Program	Program Name	Product	Fiscal Year			
			2006	2007	2008	2009
			Quantity (gals)	Quantity (gals)	Quantity (gals)	Quantity (gals)
B	Toll Operations & Maint	Diesel			759	5,397
B	Toll Operations & Maint	Gas	1,032	1,151	646	852
C	Information Technology	Diesel			30	20
C	Information Technology	Gas	6,765	8,254	9,407	9,558
D	Capital Facilities	Diesel	6,077	7,329	7,230	6,590
D	Capital Facilities	Gas	27,907	28,630	28,483	31,223
E	Transp Equipment Fund	Diesel	207,022	191,267	107,710	81,138
E	Transp Equipment Fund	Gas	288,771	235,805	134,311	98,216
E	Transp Equipment Fund	Propane	224	1,265	1,083	4,390
F	Aviation	Diesel	1,974	1,292	2,260	2,098
F	Aviation	Gas	615	1,047	1,350	730
H	Program Delivery	Diesel		15	37	20
H	Program Delivery	Gas	26,422	32,695	34,342	35,754
I	Improvements	Gas	25,805	22,995	24,227	34,843
M	Maintenance Operations	Diesel	1,584,417	1,766,593	2,077,987	2,086,790
M	Maintenance Operations	Gas	581,573	580,650	614,696	634,439
M	Maintenance Operations	Propane	196	3,607	3,724	4,914
P	Preservation	Diesel	63,936	65,405	75,088	63,708
P	Preservation	Gas	532,110	565,808	590,219	504,217
P	Preservation	Propane	3	174	73	1,183
Q	Traffic	Diesel	5,467	24,562	55,623	69,263
Q	Traffic	Gas	146,507	134,638	125,918	104,986
S	Transp Mgmt & Support	Gas	2,732	3,526	4,496	4,488
T	Planning, Data & Research	Diesel	5,549	7,333	9,869	10,108
T	Planning, Data & Research	Gas	29,326	29,730	31,005	26,697
V	Urban, Rural Public Transp	Gas	888	856	1,673	1,632
W	WSF Construction	Gas	7,498	6,715	5,916	6,003
X	WSF O&M	Diesel	4,667	5,312	7,362	7,057
X	WSF O&M	Gas	41,079	30,109	29,218	30,011
Y	Rail Programs	Gas	940	982	963	911
Z	Local Programs	Gas	7,956	7,887	8,319	7,092

**Bulk Biodiesel Purchased - Facilities and Quantities - By Fiscal Year**

Site	Location Name	Fiscal Year			
		2006	2007	2008	2009
100	Corson	2,698	2,432	2,287	8456
103	Signals	1,005	709	617	2022
111	Bellingham	-	140	3,065	5860
113	Maple Falls	-	85	823	600
114	Shuksan	-	-	3,230	890
120	Mount Vernon	-	190	2,548	3605
121	Arlington	-	65	700	1020
122	Coupeville	-	45	520	1050
123	Hazel	-	-	800	950
126	Coal Creek	-	-	680	800
127	Newhalem	-	-	1,250	480
130	Everett	-	1,664	4,246	8031
131	Monroe	-	200	1,860	3870
132	Skykomish	-	180	3,460	1401
140	Kent	1,185	1,590	1,530	5588
142	Renton	100	162	150	794
143	Geneva	945	655	805	3039
145	Greenwater	-	-	1,043	1298
170	Bellevue WSDOT	2,480	1,855	1,070	5550
173	Ballinger	670	552	354	1860
174	Preston	-	-	251	3185
301	Tumwater	-	2,121	8,087	12724
310	Yelm	-	290	1,140	1435
312	Lakeview	-	1,175	4767	8288
317	Willows	-	-	642	1812
319	Mottman	-	735	3,000	4171
322	Mt. Walker	-	385	1,180	1000
323	Lofall	-	60	482	1303
324	Mullinex	-	900	1,604	1801
326	Shelton	-	670	2,830	2360
331	Pt Angeles WSDOT	-	550	-	1361
333	Forks	-	-	950	2155
335	Seiku	-	120	284	1323
338	Discovery Bay	-	160	244	1360
341	Aberdeen	-	1,110	1,404	1822
342	Amanda Park	-	195	740	671
348	Elma	-	1,201	1,952	1830
401	Vancouver	230	2,778	2,855	3797
411	Kelso	145	1,367	805	1766
413	Woodland	-	-	-	332
414	Fargher Lake	-	-	-	100
415	Washougal	-	-	-	100
416	Mt. St. Helens	-	110	-	-
420	Chehalis WSDOT	-	-	290	3702
422	Morton	-	253	421	1400
423	Toledo	-	-	-	420
427	White Pass	-	780	810	2241
431	Raymond	-	830	480	1701
434	Cathlamet	-	-	-	300
511	Camp Mason	-	130	-	-
<b>Total</b>		<b>9,458</b>	<b>26,444</b>	<b>66,256</b>	<b>121,624</b>

**Biodiesel**

Target: Replace standard diesel use with 20 percent biodiesel blend by September 1, 2009.  
As soon as practicable, begin use of five percent biodiesel blend.

Currently, WSDOT fueling stations are not accessible by the general public.

Currently, a limiting factor to more widespread use of biodiesel is market availability of biofuels.  
As availability of these fuels increase, more WSDOT fueling stations will be converted to biodiesel facilities statewide.

Miles/Gallon	
2005	22
2006	21
2007	21
2008	23
2009	22

