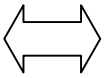
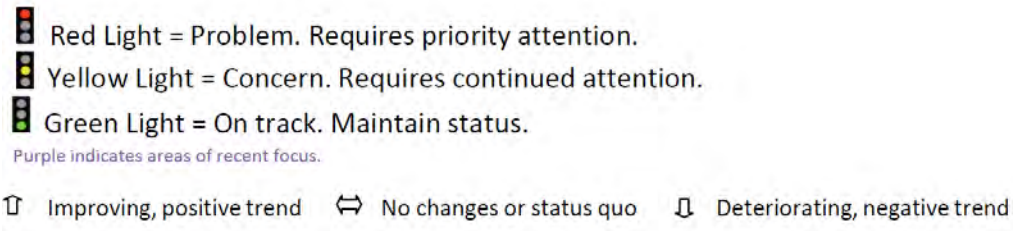
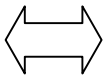
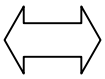
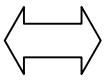
National Ambient Air Quality Health Standards

Clean Air Act Goal	Current Status	Trend	Expected Finish	Comments
Maintain compliance with the **carbon monoxide (CO)** air quality health standard			Ongoing	Focusing on promoting battery electric vehicles (BEV), plug-in electric vehicles (PEVs), and work place charging.
Maintain compliance with the **PM_{10}** air quality health standard			Ongoing	Continuing improvement of PM_{10} concentrations; Eugene/Springfield now a maintenance area. See pages 7 and 10.
Maintain compliance with the **annual $PM_{2.5}$** air quality health standard in **Eugene/Springfield**			Ongoing	Levels improving in Eugene, Springfield, and Cottage Grove. See pages 8 and 10.
Maintain compliance with the **24-hour $PM_{2.5}$** air quality health standard in **Eugene/Springfield**			Ongoing	Levels improving in Eugene, Springfield, and Cottage Grove. See pages 8 and 10.
Maintain compliance with the **annual $PM_{2.5}$** air quality health standard in **Oakridge**			Ongoing	Levels improving. Oakridge meets the annual federal standard. See pages 8 and 10.
Attain compliance with the **24-hour $PM_{2.5}$** air quality health standard in **Oakridge**			Ongoing	Despite long-term improvements, Oakridge continues to violate federal standard. See pages 8 and 10.
Maintain compliance with the **ozone** air quality health standard in **Eugene/Springfield**			Ongoing	Continuing improvement of ozone concentrations, 2014 levels below range for tightened proposed by EPA. See pages 5 and 9.



Particulate Matter

Priority	Current Status	Trend	Expected Finish	Comments
Improve **$PM_{2.5}$** air quality in **Oakridge**			Compliance by December 2015	Long-term trend shows improvement, but data shows the worst days are flat and plateaued. See pages 8 and 10.
Complete work on new **$PM_{2.5}$** control strategy and attainment plan for **Oakridge**, Including reconsideration of non-attainment area boundary			Plan adopted by December 2012. Boundary reconsideration in 2014-2015.	Plan submitted to Oregon Environmental Quality Commission and EPA, monthly check-in meetings. EPA considering changing NAA boundary to Oakridge UGB. Currently working with Oakridge on supplemental plan.
Maintain compliance with **$PM_{2.5}$** standard in **Eugene Springfield and Cottage Grove**			Ongoing	Annual and worst day $PM_{2.5}$ levels improved long-term and meet standards. Occasional high, "Red" days during cold, stagnant weather.
Strengthen **Oakridge advisory program** and continue to provide timely and accurate air quality and burning advisories			February 2014	More conservative forecasts to ensure rare missed red days. Police enforcement in effect. Electronic reader board being used to inform residents of advisories.
Implement revised air quality index and home wood heating **advisories** based on new **$PM_{2.5}$** standards			November 2007 November 2013	The 2006 $PM_{2.5}$ standard changed the 100 level of the AQI. The 2013 $PM_{2.5}$ standard changed the AQI 50 level.
Complete **$PM_{2.5}$/GHG** implementation in **industrial permitting**			Ongoing	Incorporated upon permit renewals.

 Red Light = Problem. Requires priority attention.

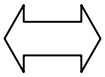
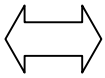
 Yellow Light = Concern. Requires continued attention.

 Green Light = On track. Maintain status.

Purple indicates areas of recent focus.

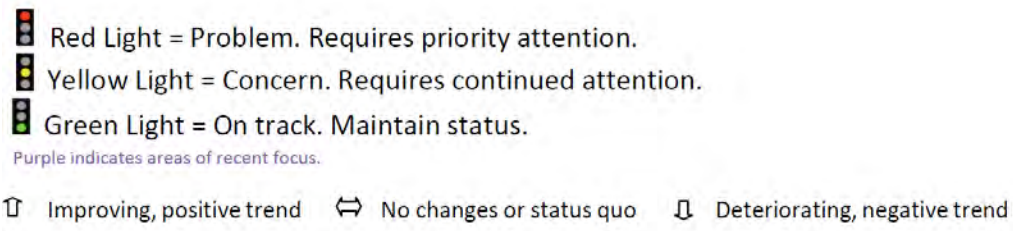
⇧ Improving, positive trend ⇔ No changes or status quo ⇩ Deteriorating, negative trend

Air Toxics and Ozone

Priority	Current Status	Trend	Expected Finish	Comments
Incorporate **Maximum Achievable Control Technology (MACT)** requirements into industrial permits and ensure compliance			Ongoing as EPA finalizes new MACT standards	Incorporated as permit modifications or at permit renewal.
Continue to develop and implement programs, rule and fee structures for area source **National Emission Standards for Hazardous air Pollutants (NESHAPs)**			Ongoing as EPA finalizes new NESHAP standards	Boiler NESHAP implementation currently ongoing
Compare modeled air toxics concentrations in the **National Air Toxics Assessment (NATA)** with local air toxics monitoring data			NATA results to be updated by EPA for 2011, 2014, and 2017	NATA 2011 results from EPA expected in mid-2015. LRAPA initiating air toxics monitoring for 2015 at two locations.
Review revised **national ambient air quality standards for ozone**; assess the status of airsheds in Lane County, identify next steps as needed			Revised ozone standard to be proposed in late 2014 and adopted in 2015.	Current ozone levels at both Saginaw and Amazon Park are below the EPA considered range (i.e., <60 ppb).

AirMetrics

Priority	Current Status	Trend	Expected Finish	Comments
Maintain self-supporting operation, at break-even or better production levels			Maintain 12-month average of 20 units sold per month.	See page 11. Maintaining or exceeding break-even goal.



Agency Administration

Goal or Initiative	Current Status	Trend	Expected Finish	Comments
Update LRAPA **strategic priorities** annually			October 2014 October 2015	Reported recent successes and future priorities. Incorporated into dashboard beginning November 2013.
Provide timely **permits, inspections and construction** reviews			Ongoing permitting. Inspections to be completed by 9/30 each year.	New inspector hired, August 2014. All inspections completed by 9/30/14 as required.
Provide clear and precise communications to citizens and other stakeholder through **public involvement** process			Ongoing	Increased presence on social media with a newly renovated website strengthens technological outreach methods.
Improve compliance inspection, **reporting and tracking**			October 2014 October 2015	Ongoing training on EPA's database modernization project (ICIS-Air). LRAPA directly entering data to into the older database (AFS) for the last time by 10/31/14 as required. Also, active discussions with DEQ about use of their database (TRAACS) for LRAPA use.
Maintain industrial area source **LRAPA rules**			Spring 2015	Major rule revisions underway by DEQ with an April 2015 projected adoption date. Need to integrate LRAPA.
Finalize **personnel policy manual**			January 2014. Review & update by January 2016.	Working with the City of Eugene Attorney's Office to review the compensation plan.
Improve **financial stability** and viability of LRAPA: develop five-year budget projection annually			January 2015 January 2016	A 5 year multi-year projection is updated each January. Next update in January 2016.
Complete **annual performance reviews** on all LRAPA staff			Ongoing	As of April 2015, all 15 of 15 (100%) have been completed within the last 12 months, including the initial 6-month reviews for the new staff.
Keep **financial reserves** at 120 days minimum			Report quarterly	Auditors recommended 90-180 days. Board adopted target of 120 days minimum.

 Red Light = Problem. Requires priority attention.

 Yellow Light = Concern. Requires continued attention.

 Green Light = On track. Maintain status.

Purple indicates areas of recent focus.

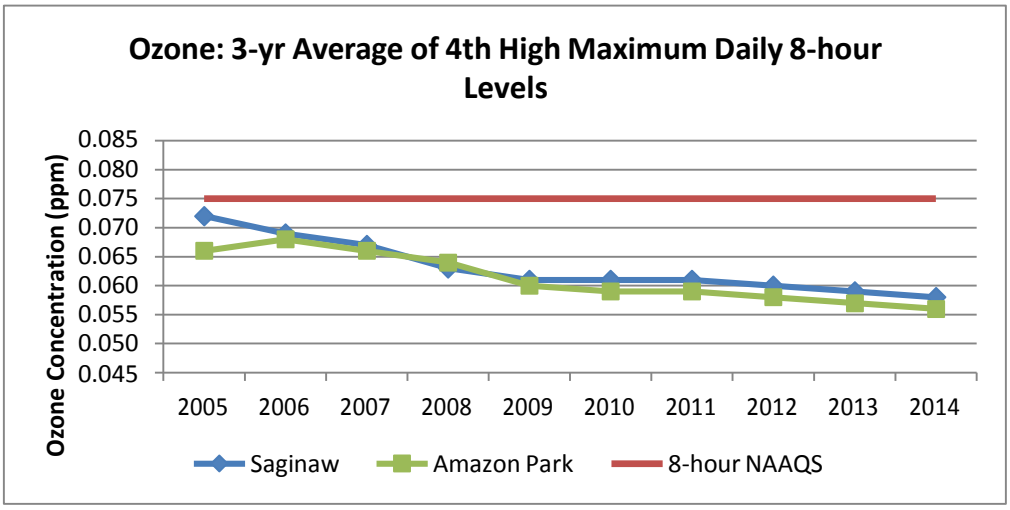
⇧ Improving, positive trend ⇔ No changes or status quo ⇩ Deteriorating, negative trend

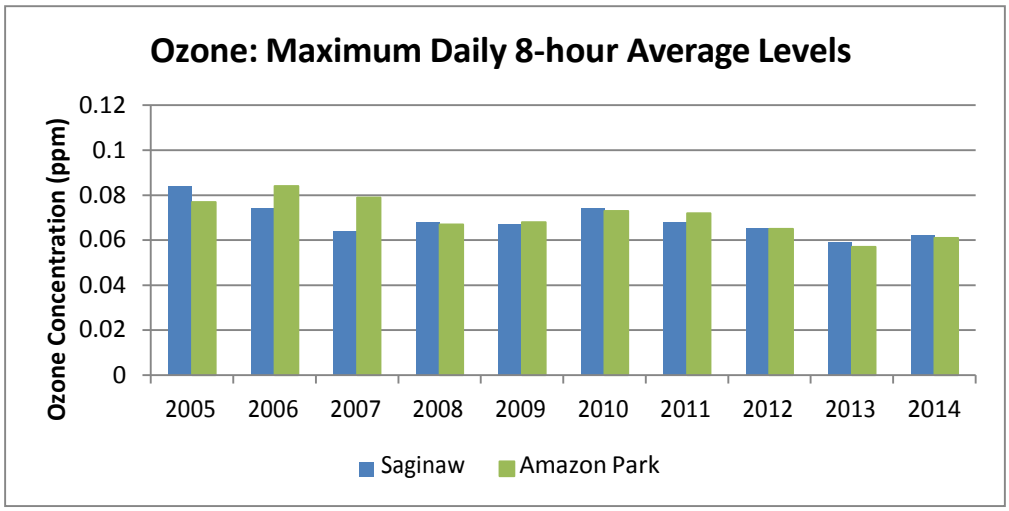
OZONE DATA

EPA has designated the following National Ambient Air Quality Standards (NAAQS) for Ozone:

Level	Averaging Time	Description
0.075 ppm	8-hour	To attain this standard, the 3-year average of the fourth-highest daily maximum 8-hour average ozone concentrations measured at each monitor within an area over each year must not exceed 0.075 ppm. (effective May 27, 2008)

8-HOUR AVERAGE OZONE LEVELS 2005 - 2014 (ppm)											
Site Name		**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**	**2014**
Saginaw	Maximum	0.084	0.074	0.064	0.068	0.067	0.074	0.068	0.065	0.059	0.062
	4th highest	0.071	0.070	0.060	0.059	0.066	0.060	0.059	0.062	0.056	0.058
	3-year 4th high	**0.072**	**0.069**	**0.067**	**0.063**	**0.061**	**0.061**	**0.061**	**0.060**	**0.059**	**0.058**
	# Exceedances	0	0	0	0	0	0	0	0	0	0
Amazon Park	Maximum	0.077	0.084	0.079	0.067	0.068	0.073	0.072	0.065	0.057	0.061
	4th highest	0.064	0.076	0.059	0.059	0.063	0.056	0.059	0.059	0.053	0.058
	3-year 4th high	**0.066**	**0.068**	**0.066**	**0.064**	**0.060**	**0.059**	**0.059**	**0.058**	**0.057**	**0.056**
	# Exceedances	0	0	0	0	0	0	0	0	0	0





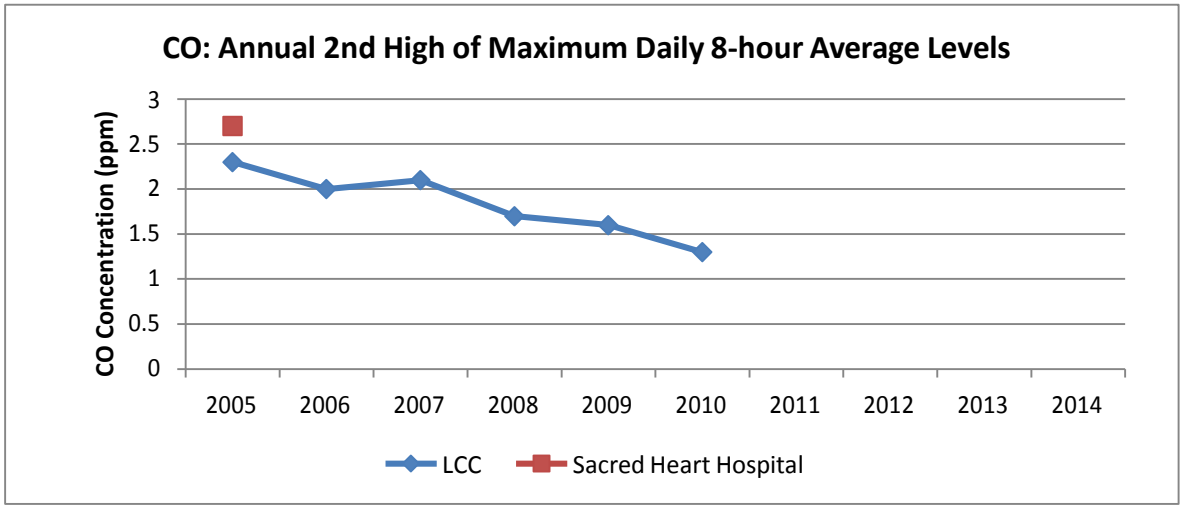
CARBON MONOXIDE DATA

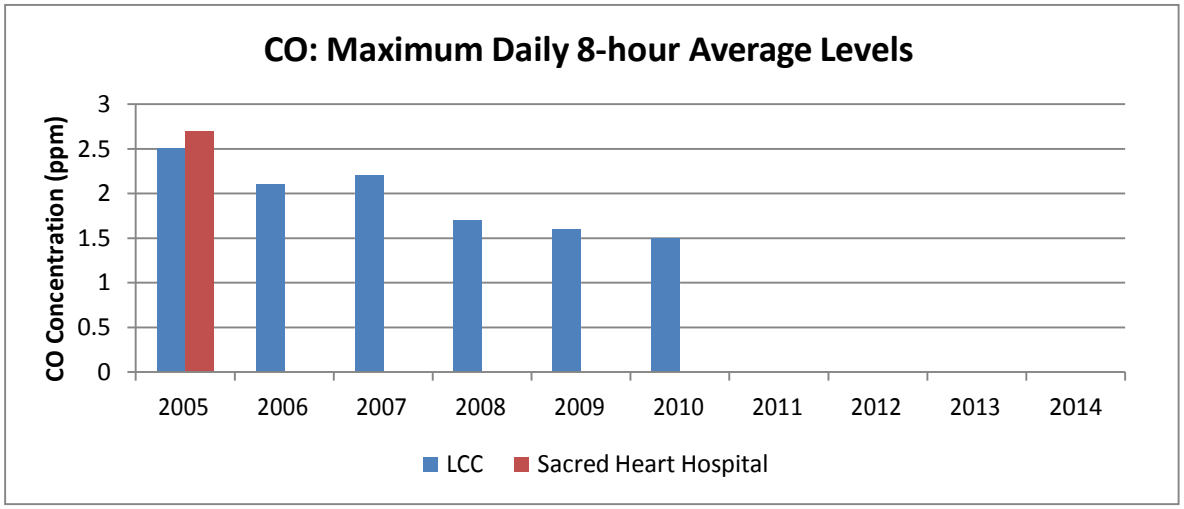
EPA has designated the following National Ambient Air Quality Standards (NAAQS) for CO:

Level	Averaging Time	Description
9 ppm	8-hour	Not to be exceeded more than once per year.
35 ppm	1-hour	Not to be exceeded more than once per year.

CARBON MONOXIDE (CO) LEVELS 2005 - 2014 (ppm)

Site Name		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
LCC - Downtown Eugene	Highest 8-hour	2.5	2.1	2.2	1.7	1.6	1.5	---	---	---	---
	2nd high 8-hour	**2.3**	**2**	**2.1**	**1.7**	**1.6**	**1.3**	**---**	**---**	**---**	**---**
	# Exceedances	0	0	0	0	0	0	---	---	---	---
Sacred Heart Hospital	Highest 8-hour	2.7	---	---	---	---	---	---	---	---	---
	2nd high 8-hour	**2.7**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**
	# Exceedances	0	---	---	---	---	---	---	---	---	---



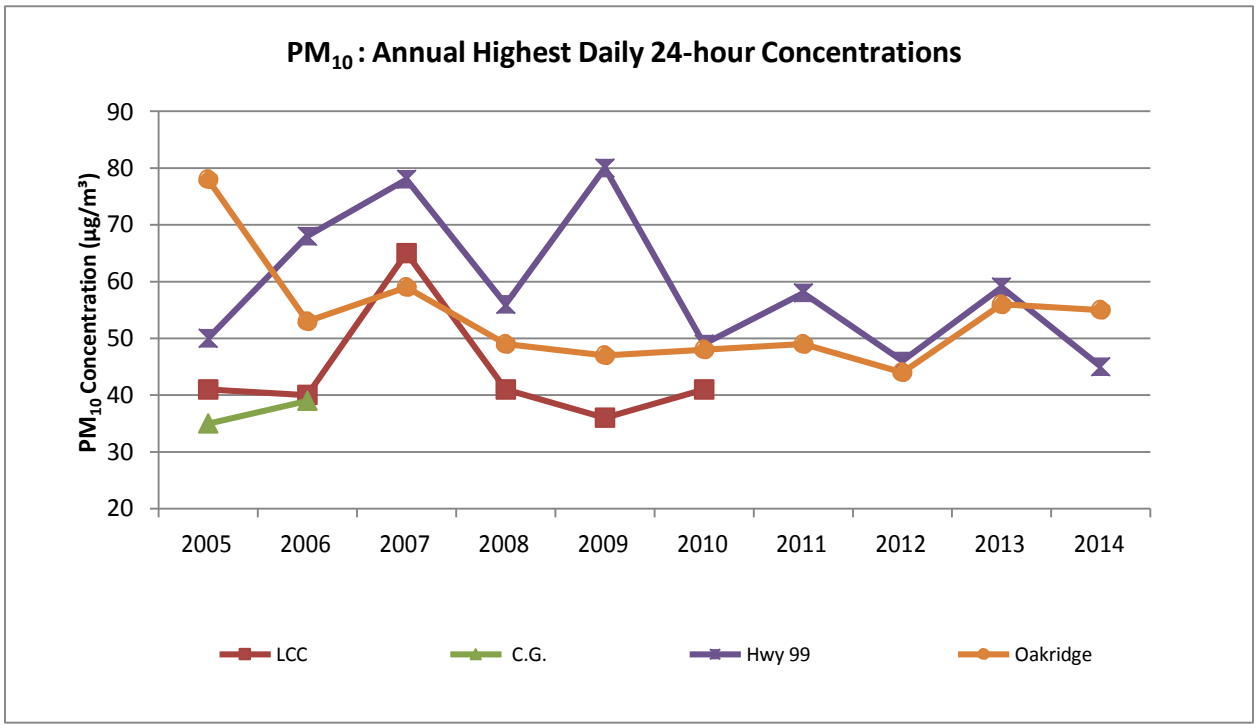


PARTICULATE MATTER DATA – PM_{10}

EPA has designated the following National Ambient Air Quality Standards (NAAQS) for PM_{10}:

Level	Averaging Time	Description
150 µg/m³	24-hour	Not to be exceeded more than once per year on average over 3 years.

24-HOUR AVERAGE PM_{10} LEVELS 2005 - 2014 (µg/m³)											
Site Name		**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**	**2014**
LCC–Downtown Eugene	Highest 24-hour	41	40	65	41	36	41	---	---	---	---
Harrison School Cottage Grove	Highest 24-hour	35	39	---	---	---	---	---	---	---	---
Hwy 99 - Four Corners	Highest 24-hour	50	68	78	56	80	49	58	46	59	45
Oakridge	Highest 24-hour	78	53	59	49	47	48	49	44	56	55



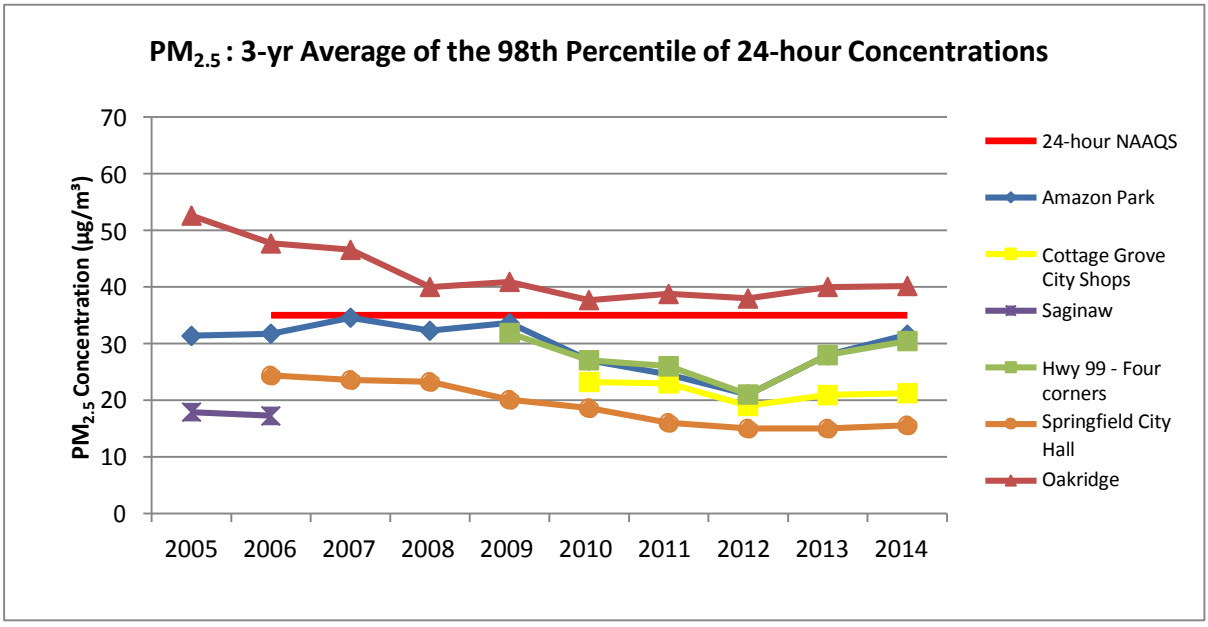
PARTICULATE MATTER DATA – $PM_{2.5}$

EPA has designated the following National Ambient Air Quality Standards (NAAQS) for $PM_{2.5}$:

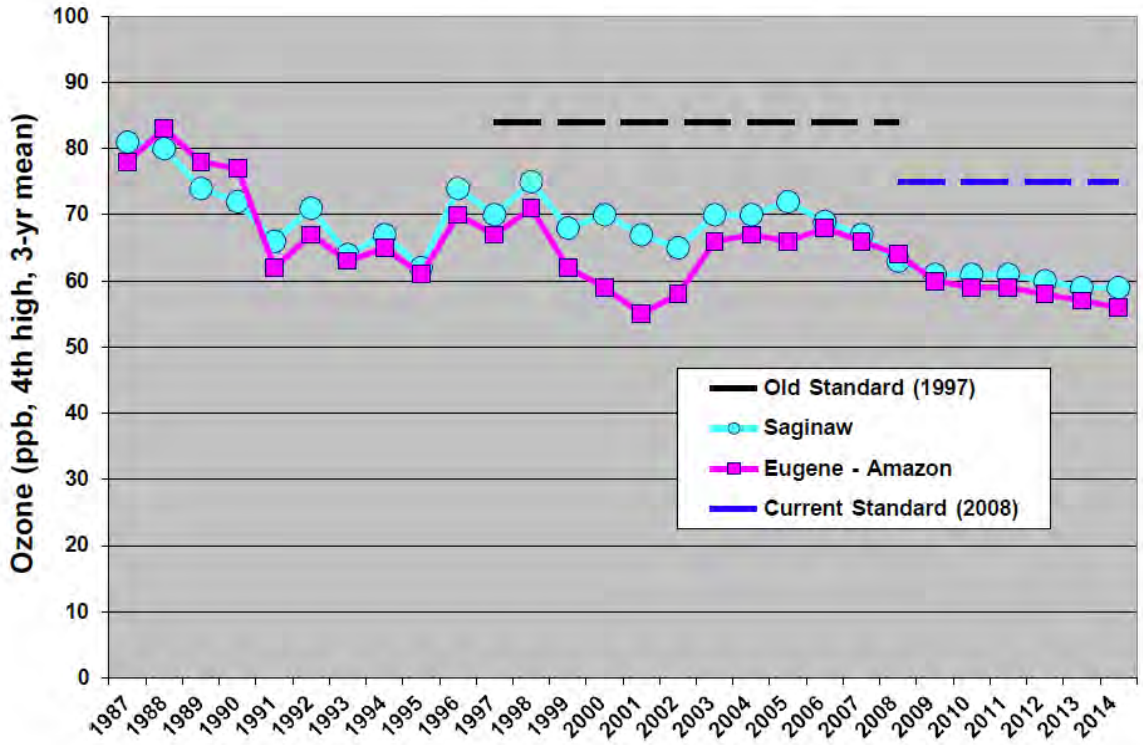
Level	Averaging Time	Description
12.0 µg/m³	Annual (Arithmetic Average)	To attain this standard, the 3-year average of the annual mean PM2.5 concentrations from monitors must not exceed 12.0 µg/m³ (effective December 14, 2012).
35 µg/m³	24-hour	To attain this standard, the 3-year average of the 98th percentile of 24-hour concentrations must not exceed 35 µg/m³ (effective December 17, 2006).

24-HOUR AVERAGE $PM_{2.5}$ LEVELS 2005 - 2014 (µg/m³)

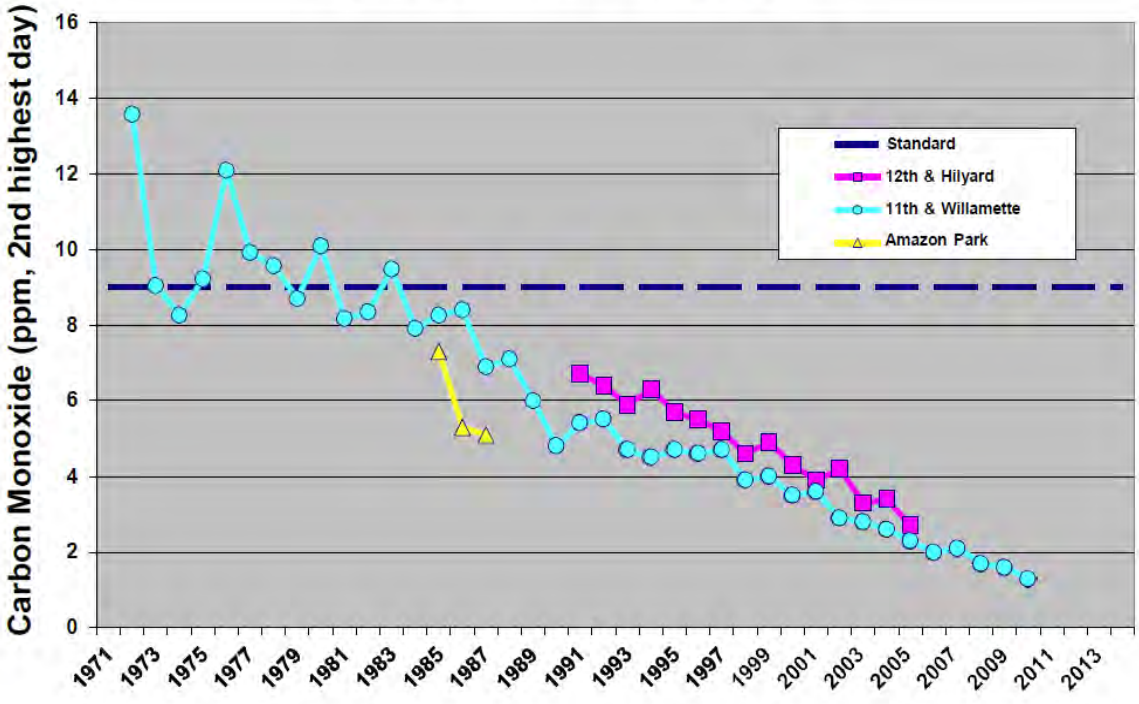
Site Name		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Amazon Park	Annual mean	9.1	8.3	7.4	7.8	8.5	5.8	6.5	6.4	7.8	7.2
	Highest 24-hour	39.6	43.3	43.0	40.0	59.9	21.0	24.6	31.6	51.9	35.5
	Annual 98th %-ile	35.6	31.8	36.3	28.7	35.9	16.5	21.2	25.4	38.6	30.7
	3 year 98th %-ile	**31**	**32**	**35**	**32**	**34**	**27**	**25**	**21**	**28**	**32**
Cottage Grove City Shops	Annual mean	---	---	---	8.1	8.5	6.9	7.1	6.7	7.5	7.0
	Highest 24-hour	---	---	---	31.8	33.6	21.1	32.1	24.7	38.1	34.0
	Annual 98th %-ile	---	---	---	21.1	30.2	18.3	20.4	17.0	25.4	21.3
	3 year 98th %-ile	**---**	**---**	**---**	**---**	**---**	**23**	**23**	**19**	**21**	**21**
Saginaw	Annual mean	6.8	5.5	---	---	---	---	---	---	---	---
	Highest 24-hour	24.7	16.6	---	---	---	---	---	---	---	---
	Annual 98th %-ile	17.9	16.6	---	---	---	---	---	---	---	---
	3 year 98th %-ile	**16**	**16**	**---**	**---**	**---**	**---**	---	---	**---**	**---**
Hwy 99 - Four Corners	Annual mean	---	---	8.4	8.3	8.2	6.3	10.0	6.5	8.3	7.1
	Highest 24-hour	---	---	53.5	32.4	47.9	22.9	26.7	30.0	54.6	43.6
	Annual 98th %-ile	---	---	33.9	25.3	36.4	19.5	22.1	20.6	40.2	30.5
	3 year 98th %-ile	**---**	**---**	**---**	**---**	**32**	**27**	**26**	**21**	**28**	**30**
Springfield City Hall	Annual mean	8.0	7.4	6.8	6.9	6.8	5.8	5.6	5.5	6.3	6.4
	Highest 24-hour	32.1	30.2	38.6	32.3	21.9	17.9	18.8	18.3	18.8	35.6
	Annual 98th %-ile	24.5	27.8	18.4	23.5	18.3	14.0	14.8	15.3	17.2	14.2
	3 year 98th %-ile	---	**24**	**24**	**23**	**20**	**19**	**16**	**15**	**16**	**16**
Oakridge	Annual mean	12.8	11.1	10.5	11.5	11.0	8.9	10.0	7.6	9.8	10.1
	Highest 24-hour	73.0	47.0	52.5	43.5	44.1	43.1	47.9	49.9	54.9	46.1
	Annual 98th %-ile	58.4	38.6	42.7	38.7	41.3	33.0	42.0	38.4	41.0	41.1
	3 year 98th %-ile	**53**	**48**	**47**	**40**	**41**	**38**	**39**	**38**	**40**	**40**



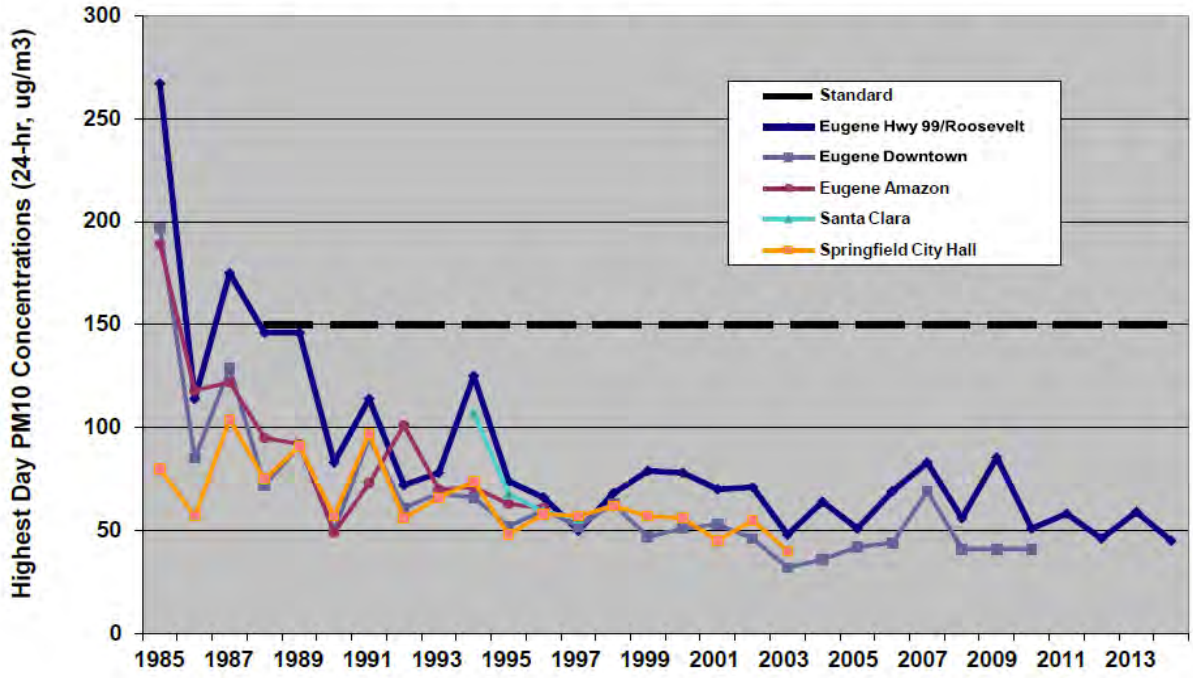
Ozone in Lane County



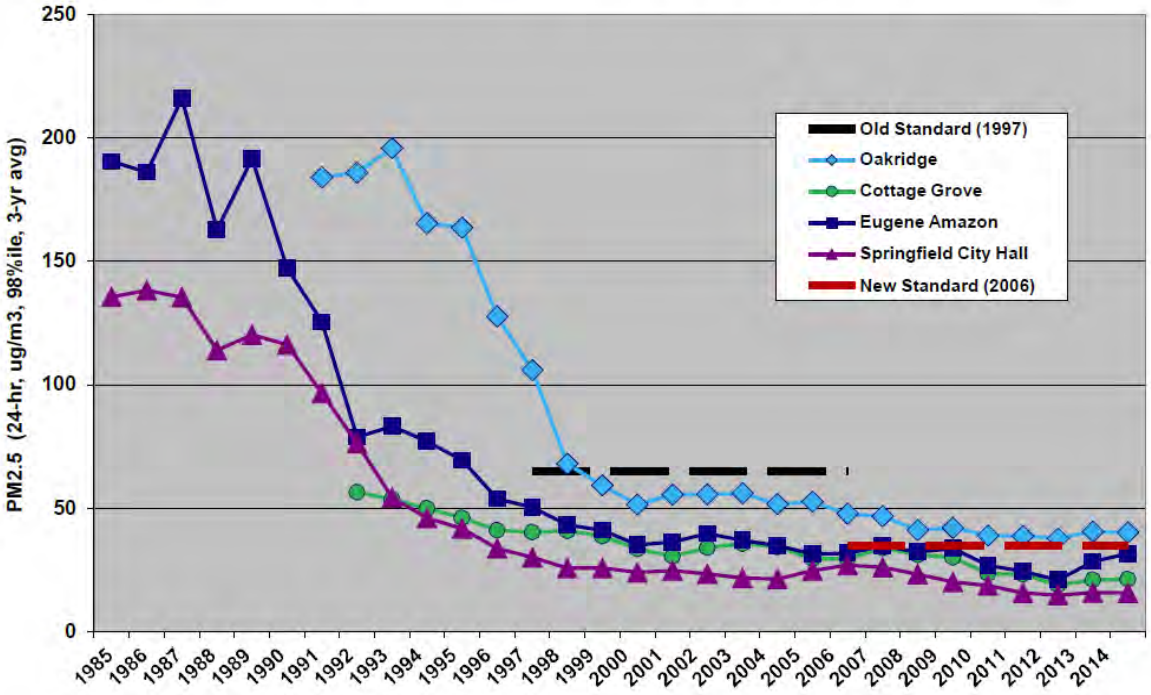
Carbon Monoxide in Eugene

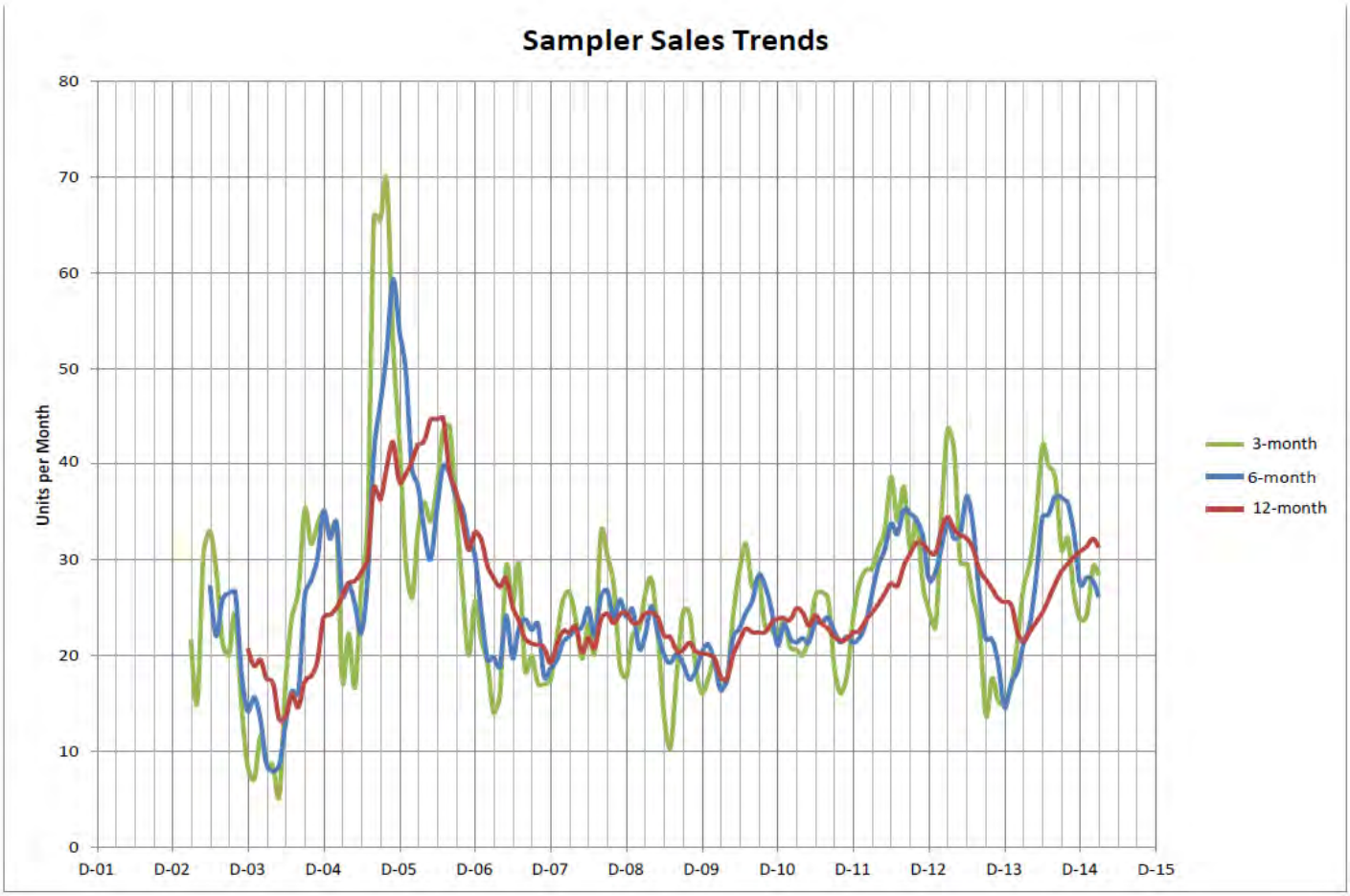


Inhalable Particulate Matter (PM10) in Eugene-Springfield



Respirable Particulate Matter ($PM_{2.5}$) in Lane County




Sampler Sales Trends
Units per Month
80
70
60
50
40
30
20
10
0
D-01
D-02
D-03
D-04
D-05
D-06
D-07
D-08
D-09
D-10
D-11
D-12
D-13
D-14
D-15
3-month
6-month
12-month