

Butte-Silver Bow PM Advance Implementation Plan

Last Updated: 4/28/2016

Program Goals

- 1 Reduce PM2.5 emissions from existing residential wood heaters**
- 2 Limit additional PM2.5 emissions from new residential wood heaters**
- 3 Improve compliance with regulatory burn bans**
- 4 Develop community-wide understanding of the impacts of residential wood heaters on air quality and health**

Strategy	Goal	Implementation Milestone (12/2014)	Target Completion Date	4/2016 Progress Update
EM1	Distribute Clean Burning Info Educational materials will instruct stove operators in techniques to burn more efficiently	·Develop informational packets	2014	completed
		·Work with local vendor to distribute with purchases	2014	Silver Bow Hearth and Home
		·Identify other distribution channels	Ongoing	Ongoing
		·Track number of packets distributed	Ongoing	Ongoing
		·Update materials, distribution, message as necessary	Ongoing	ongoing
EM2	Media Blitz Educational messaging about air quality	·Work with local media outlets for mid-November roll-out	Annual	Every october-novermber
		·Develop community survey to focus outreach efforts in future years	2015	
		·Consider incentives for return of survey	2015	
		·Prioritize media funding based on survey results	Ongoing	
EM3	Electronic Air Quality Sign Prominent, easily understandable notification of current air quality	·Continue regular updates with AQ status	Ongoing	Ongoing
		·Work with sign company to set up remote connection between monitor and sign	2014-2015	DEQ
		·Assess effectiveness of messaging, location	Ongoing	Ongoing
EM4	Workforce Development Ongoing education so health department staff stay up-to-date on the issues	·Identify future training opportunities for health dept	Annual	Annually depending on available monies
		·Locate funding sources	Ongoing	Ongoing
		·Set & meet goal for amount of annual training	Ongoing	depending on funding
		·Assess effectiveness of trainings and prioritize in future years	Ongoing	ongoing
		·Create training plans for new staff	Ongoing	ongoing

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EM5	Air Quality Booth Distribution of air quality-related educational materials at targeted local events	1, 4	·Gather materials & identify compatible local events	2015	
			·Attend events, set annual goals	2015, Ongoing	ongoing
			·Track number of attendees who visit the booth	Ongoing	ongoing
			·Keep information up to date	Ongoing	ongoing
			·Consider hosting larger public workshop	Ongoing	ongoing
EM6	Burn Ban Reverse 911 Notifications Automatic alerts when burn ban is anticipated or takes effect	3	·Work with police dept. to coordinate alerts	2014-2015 Season	completed, no alerts were called this season
			·Develop plan to get known burners signed-up	2015	ongoing
			·Assess effectiveness through community surveys	Ongoing	???
			·Maintain database of wood burner contact info	Ongoing	ongoing
EM7	Today's Air Phone App Mobile access to current air quality data and automatic alerts when a define level is reached	3	·State of Montana completes app	Early-2015	????
			·Work with state on initial roll-out to public	2015-2016 Season	ongoing
			·Assess function & local reach, communicate with state about potential areas for improvement	Ongoing	ongoing
VM1	Limited Changeout Program Replace old, dirty stoves with cleaner options	1	·Select target area	Done	done
			·Inventory wood burning devices in target area	Done	done
			·Finalize main funding source	Late-2014	done
			·Hire full-time, two-year coordinator position	Early-2015	done
			·Develop work plan for changeout	2015	done
			·Apply for additional funding	2015	ongoing
			·Change out stoves in target area	By 2015-2016 Season	19 completed
			·Assess impact on monitored PM2.5 values	Ongoing	ongoing
·Evaluate coordinator position & funding	2017	ongoing until April 2017			
RM1-5	Wood Burning Regulations Local rules limiting the types of devices that may be installed, what fuel may be used, and when burning may occur	2	·Continue to implement and enforce regulations	Ongoing	ongoing
			·Evaluate alert levels	Ongoing	ongoing
			·Evaluate penalties assessed for violation	Ongoing	ongoing
			·Prioritize enforcement	Ongoing	ongoing

Strategy	Goal	Implementation Milestone (12/2014)	Target Completion Date	4/2016 Progress Update
Certified Burner Program Educational course targeted at residents purchasing a new device, or permitting an existing EPA-certified device RM6	2, 3	·Create database of permitted burners	Early-2015	ongoing
		·Identify desired training for new permittees	2015	Silver Bow Hearth and Home
		·Implement training for changeout recipients	2015-2016	ongoing
		·Maintain permit database	Ongoing	ongoing
		·If desired and/or necessary, amend regulations to require training for all permits or for burners violating air quality alerts	Long-Term	