



# MEDICAL TAKE-BACK PROGRAM

## Fact Sheet 23 Historic Evergreen Station

May 6, 2014

*The Bear Creek Watershed Association protects and restores water and environmental quality within the Bear Creek Watershed from the effects of land use.*

Clear Creek County  
 Jefferson County  
 City of Lakewood  
 Town of Morrison  
 Aspen Park Metropolitan District  
 Brook Forest Inn  
 Conifer Sanitation Association  
 Conifer Metropolitan District  
 Denver Water Department  
 Evergreen Metropolitan District  
 Forrest Hills Metropolitan District  
 Genesee Sanitation & Water District  
 Geneva Glen  
 Jefferson County School District  
 Kittredge Water & Sanitation District  
 Tiny Town Foundation, Inc.  
 West Jefferson County Metropolitan District  
 Evergreen Trout Unlimited  
 U.S. Army Corps of Engineers

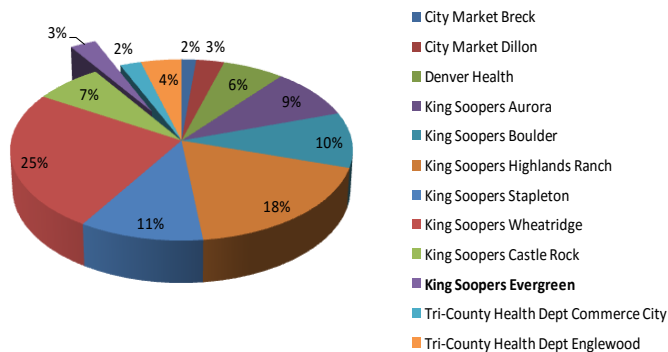
### Where is the Medicine Disposed?

The Colorado program disposes of its collected medications at the CSI Landfill near Bennett. It's a nonhazardous, industrial waste landfill permitted to accept medication waste. The waste is solidified with fly ash prior to deposit in a double-lined disposal cell. This option saves money over the previous method of shipping wastes out-of-state to a hazardous waste incinerator.

The Colorado medical take-back program as administered by the Colorado Department of Public Health and Environment collects unused and unwanted household medications for proper disposal. This collection program reduces the amount of pharmaceuticals that get flushed into wastewater treatment systems or dumped into landfills. The BCWA has supported a medical drop-off station at the King Soopers in Evergreen since October 2013. The BCWA supported this site through 2014. A determination of the water quality benefit was inconclusive. Trace amounts of pharmaceuticals are currently not regulated by EPA and they are not effectively removed by existing wastewater treatment systems. As such, the BCWA has determined that reducing pharmaceutical chemicals that can potentially reach waterways is a valuable water quality benefit for the watershed. The average cost to collect and dispose of unused medicines collected at the Evergreen Station is about \$6.11 per pound. The Evergreen Station accounted for about 3% of the total medication take-back in the Colorado program.

<b>Total Evergreen Station</b>	<b>Pick-ups</b>	30
	<b>Pounds</b>	1067.6
	<b>Cost</b>	\$ 6,521.35
<b>BCWA</b>	<b>Average Monthly Fee</b>	\$202.00
	<b>BCWA Contribution</b>	\$1,500
	<b>Pounds</b>	237.4
	<b>cost/pound</b>	\$6.32

Medication Take-Back Project - Activity By Location



Evergreen Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
<b>2012</b>	<b>Pick-ups</b>			1	2	1	1	1	2	1	1	1	
	<b>Pounds</b>			22	115	55	53	51	74	25	28	38	41
	<b>Cost</b>			\$155	\$669	\$323	\$314	\$302	\$462	\$167	\$182	\$244	\$257
<b>2013</b>	<b>Pick-ups</b>	2	1	1	1	1	1	1	2		1	1	2
	<b>Pounds</b>	87	27	35	47	19	13	40	62		42	22	63
	<b>Cost</b>	\$539	\$194	\$189	\$216	\$153	\$139	\$201	\$400		\$205	\$159	\$362
<b>2014</b>	<b>Pick-ups</b>	1	1	1	1								
	<b>Pounds</b>	12	19	60	19								
	<b>Cost</b>	\$138	\$153	\$244	\$153								