

Table 1 - Strategies to Combat Illegal Dumping—Existing and Recommended for Funding, June 2019

Educate Prevent Clean-up Enforce	#	Strategies	Only if #	Estimated County Costs for Existing (annual unless noted otherwise)	Funding Needed to Implement (if existing budgets are not sufficient)	Dept.	
EDUCATE	<b>EXISTING - NO PROPOSED CHANGES</b>						
	1	Countywide Recycling Hotline & Website - Legal options to discard unwanted items/trash		\$40,000		DCD	
	2	Printed Outreach Materials by Franchise Haulers - Annual Mailer/Newsletters, Bill Inserts & Bill Messages.		Garbage Rates		DCD	
	<b>EXPAND - PROPOSED CHANGE TO EXISTING</b>						
	3	Educate persons living or working in the unincorporated area that only hauling companies approved by the County (permitted or franchised) can legally be hired to pick-up trash.		unknown	existing budgets	CCEH, DCD	
	4	Seek additional opportunities to raise awareness about and increase utilization of the Bulky Item Pick-up services and/or extra waste pick-ups offered upon request at no additional charge for residential customers within the County's unincorporated franchise areas.		Garbage Rates	existing budget	DCD	
<b>NEW</b>							
5	<p>Create public outreach campaign(s) with messaging that is effective for applicable target populations (may need carrot &amp; stick since some respond better to one vs. the other) that can be deployed using these various methods:</p> <ul style="list-style-type: none"> <li>* Curbside haulers – Mail/Robo-calls/E-Blasts/Direct Face-to-Face or Phone contact</li> <li>* Supervisors' offices – Newsletters/E-Blasts/Direct Face-to-Face or Phone contact</li> <li>* On-line – Social Media (posts &amp; ads) and Digital (internet ads)</li> <li>* Web/Mobile App - Curbside and local reuse &amp; recycling services/facilities</li> <li>* News Media – Print, Radio &amp; TV</li> <li>* Word-of-Mouth (most effective) – Engage community leaders/members/groups to raise awareness (including Youth – e.g. boy/girl scouts, Seniors, Community based non-profit organizations and Religious &amp; philanthropic groups)</li> </ul>			\$10,000 <i>(production costs, not staff)</i>	CCEH, PWD, DCD, SO		

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PREVENT	EXISTING - NO PROPOSED CHANGES					
	6	Fencing off road right-of-way dumping hot spot if/when deemed necessary		\$50,000		PWD
	7	Franchise Hauler provided Community Clean-up Boxes		Garbage Rates		DCD
	8	Franchise Hauler provided On-call Extra Bagged/Bundled Pick-ups for residential customers (not available to mutli-family)		Garbage Rates		DCD
	9	Franchise Hauler provided On-call Bulky Item Pick-ups for residential customers in <a href="#">three of the four County Franchise areas</a> (not available to mutli-family)		Garbage Rates		DCD
	10	CalGreen Mandatory Waste/Recycling Tracking & Reporting for covered projects		\$200,000		DCD
	11	Coordinate with Resource Conservation District about grant awarded for rural illegal dumping site abatement (for agricultural lands)		unknown		DCD
	EXPAND - PROPOSED CHANGE TO EXISTING					
	12	<u>Mandatory Subscription Ordinance</u> - Expand current complaint based enforcement to proactive enforcement using franchise hauler provided lists		unknown	<b>\$58,000</b>	CCEH
	13	Implement lien process provided for under the County's <u>Mandatory Subscription Ordinance</u> to provide for recovery of costs resulting from forced starts.		\$75,000	existing budget	CCEH
	14	Seek allowance to use portion of future waste tire enforcement grant funding to subsidize Waste Tire Amnesty Day.		unknown	grant funded	CCEH
	15	Establish and enforce extended producer responsibility ordinances - Require businesses that make/sell items that are commonly dumped or costly and challenging to dispose of properly to accept old items at the end of product life.		unknown	existing budget	CCEH, DCD
	16	Maximize existing creek clean-up and/or community clean-up opportunities - Evaluate existing and past usage of clean-up boxes provided for in the County's Franchises to target usage where need is the greatest for maximum effectiveness.		Garbage Rates	existing budget	DCD, PWD
	17	Implement additional community clean-ups - Identify where additional clean-ups may be needed/warranted and seek to arrange clean-up box services through the applicable County franchise hauler or seek assistance through applicable agency where the County does not control the Franchise. <b>(Future Phase)</b>		Garbage Rates	Increase Rates	DCD
	18	Seek additional free e-waste pick-up options (Curbside Haulers or Free Recyclers)		Garbage Rates	TBD	DCD

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PREVENT	NEW						
	19	Explore amending the County's <u>Mandatory Subscription Ordinance</u> to streamline process for forcing service starts and facilitating lien as means of reimbursing hauler for mandated services without County having to incur cost first.			existing budget	CCEH	
	20	Offer option of disposal vouchers in lieu of on-call pick-ups for those who prefer. <i>(Future Phase)</i>			Increase Rates	DCD	
	21	Subsidize free disposal vouchers or free disposal day at landfill/transfer station. <i>(Future Phase)</i>			Increase Rates	DCD	
	22	Explore switching some on-call pick-ups for extra bagged waste to scheduled clean-up days to increase participation..			Increase Rates	DCD	
	23	Seek to identify local disposal option for treated wood self-hauled by the general public; more being dumped since in-County Transfer Stations don't accept it. Closest option for public self-haul is in Livermore.			existing budget	DCD	
	24	Seek to identify feasible options for proper disposal of unwanted Recreational Vehicles, Trailers & Boats.			existing budget	DCD, SO	
	25	Secure commitment(s) to establish <u>free local recycling drop-off sites for mattresses and box springs</u> through participation in the statewide Bye Bye Mattress program - Work with transfer stations and/or other appropriate sites/operators, consistent with neighboring counties.			TBD	DCD, PWD	
	26	Install street signs with info about How To Report posted at key entry ways or at/near dumping Hot Spots so people are reminded how to take the desired action. <i>(Initial Phase - 50 signs @ \$200/each)</i>	45		<b>\$10,000</b> <i>(Initial phase)</i>	PWD	
	27	Identify capital improvements that may be needed, such as street lighting or barricades. <i>Initial Phase - Currently developing initial phase targeting Bay Point, involves 10 street lights in two specific areas.</i>			<b>\$100,000</b> <i>(Initial phase)</i>	PWD	

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CLEAN-UP	<b>EXISTING - NO PROPOSED CHANGES</b>					
	28	Blow & Flow Litter Removal (Roads & Creeks)		\$500,000		PWD
	29	Street Sweeping		\$300,000		PWD
	30	Volunteer driven litter removal/consolidation through the Adopt-a-Road Program		\$5,000		PWD
	31	Solid Waste Facility Operator Off-site Litter/Debris Removal: North Richmond Hot Spot Crew Weekday Route & Routine Litter Policing by Transfer Stations & Landfill		Gate Rates		DCD
	32	Sheriff's Office: Building community trust & pride in Bay Point by assisting with removal of illegal dumping (free disposal at Transfer Station outside Martinez)		\$30,000		SO
	<b>EXPAND - PROPOSED CHANGE TO EXISTING</b>					
	33	Assist with hauling and removal of waste tire piles illegally dumped in the public right-of-way on an as needed basis. CCEH staff will haul away piles of up to 35 waste tires, however they can partner with the local conservation corps to clean-up large waste tire piles (36 waste tires or more) illegally dumped on public lands.		unknown	grant funded	CCEH
	34	Franchise Hauler provided On-call Right-of-Way Debris Removal: <a href="#">Establish service in the one County Franchise area not currently implemented -and-</a> Increase area (currently in place for three of the County's four Franchises) and potential scope/frequency		Garbage Rates	Increase Rates	DCD
	35	Public Works: Dumping in creeks, roadways outside County Franchise Areas where hauler provides on-call removal service and hazardous waste or oversized items not serviced by the Franchisees. Potential for increasing removal frequency within the existing budget (\$400K) is dependent upon reducing the area Public Works is responsible for (limit to areas outside County Franchise authority).	34	\$627,000	existing budget <i>(only if 34)</i>	PWD
	36	Utilize and make available on-line reporting tool to supplement 1-800-No-Dumping tip line to make it easy for people to report illegally dumped waste in the right-of-way, including ability to upload photos and location coordinates. <b><i>(Currently pilot testing)</i></b>		unknown	existing budget	PWD
37	Coordinate/support more volunteer creek clean-ups if needed. <b><i>(Future Phase)</i></b>		unknown	TBD	PWD, DCD	
38	Expand the volunteer Adopt-a-Road program to include adopting spots/blocks.		\$0	existing budget	PWD	

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<b>CLEAN-UP</b>	<b>NEW</b>					
	39	Explore how Franchise Haulers might assist with cleaning up illegal dumping in areas beyond the road right-of-way.			Increase Rates	PWD, DCD
	40	Make arrangements with abatement contractors/towing companies for removal of the approximate 48-50 derelict boats/RVs that have been identified by Sherriff's Office.			\$150,000 <i>(recently approved one-time allocation)</i>	CCEH, DCD, PWD, SO
<b>ENFORCE</b>	<b>EXISTING - NO PROPOSED CHANGES</b>					
	41	Regulate Solid Waste Haulers & Facilities: Oversee Non-Franchise Waste Hauler Permitting (County Code Chapter 418-2) and Enforce State Minimum Standards for Solid Waste Facilities: Illegal Transfer Stations. <i>Continue working with potentially interested cities and encourage remaining cities to pursue adoption of model ordinance designating the CCEH as City's enforcement agency. Advocate for statewide law requiring all waste hauling services to be regulated by permit.</i>		Disposal Fee		CCEH
	<b>EXPAND - PROPOSED CHANGE TO EXISTING</b>					
	42	Proactively go after uncovered loads on the road and parked on street.	45	unknown	existing budget <i>(if 45 funded)</i>	SO, CHP
	43	Establish process for identifying and using any address containing evidence located in illegally dumped waste to contact the potentially responsible party in order to find out if there is cause for further investigation, encourage them to remove the material to avoid further follow-up regarding the matter and/or simply inform them that enforcement resources are dedicated to this issue and will be aware of and follow-up if found to recur.	45	unknown	existing budget <i>(if 45 funded)</i>	DCD, PWD, CCEH, SO, DA
44	Establish process and parameters for pursuing misdemeanor conviction/penalty provided for under County Code Chapter 418-7 for persons hauling waste routinely generated from unincorporated residences & commercial establishments.	45	\$0	existing budget <i>(if 45 funded)</i>	DCD, SO, DA	

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<b>ENFORCE</b>	<b>NEW</b>						
	45	Dedicate four per-diem deputies (combined total of 3,600 hours per year; equivalent to approx 1.73 FTE) to investigating dumping crimes.			<b>\$150,000</b>	SO	
	46	Wireless high definition, license plate reader <u>surveillance cameras</u> with night vision, infrared & solar powered. Remote-controlled to zoom and capture evidence – Place at key entry ways or at/near hot spots. <i><b>PILOT:</b> Initial six month pilot of surveillance monitoring service for five rental cameras.</i>	45		<b>\$50,000</b> <i>(6 month pilot)</i>	CCEH, DA, PWD, SO	
	47	Establish a well-publicized tip line, mobile app and/or other user-friendly alternative to make it easy for witnesses to report illegal dumping/dumpers and share photographic evidence when applicable. (could be linked to # 36)	45		existing budget	PWD, SO	
	48	Utilize centralized database to capture details related to illegal dumping found to contain address containing evidence as a means of identifying patterns and recurrences (unpermitted hauler hired by different persons at different times, same one-time excuse used in the past, etc.) for subsequent/future investigations, stings, camera installation, etc.	45		existing budget	CCEH, DA, DCD, PWD, SO	
	49	Explore options to seek legal authority to charge persons responsible for illegally dumping non-commercial quantities guilty of a misdemeanor rather than simply an infraction.	45		TBD	SO, DCD	
	50	Explore potential for obtaining legal authority to allow for impoundment and/or seizure of vehicles used to illegally dump.	45		TBD	SO, DCD	
	51	Work through the Board of Supervisors legislative platform process and/or explore partnering with coalition of other governmental agencies in the region to propose legislation to allow for increased penalty for illegal dumping of non-commercial quantities (less than 1 cubic yard) , including higher fines, change from infraction to a misdemeanor, mandatory community service time, or jail time.	45		TBD	BoS	

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<b>ENFORCE</b>	52	Request courts to impose appropriate sentences (fines and community service to clean up illegal dumping elsewhere) of people convicted of illegal dumping.	45		existing budget	DA
	53	Dedicate prosecutor resources to prosecuting dumping crimes.	45		existing budget	DA
	54	Use mapping (GIS) to track dumping hot spots to target use of enforcement tools/investigative resources.	45		existing budget	PWD, DCD
	55	Use sting operations targeting specific types of dumping crimes/violations or locations/days & times of day.	45		existing budget <i>(if 45 funded)</i>	SO
<b>OTHER</b>	56	Continue holding interdepartmental "Think Tank" team coordination meetings quarterly, as needed, in 2019. <a href="#">On-going coordination with cities to facilitate information sharing and collaboration opportunities (e.g. maintain/utilize countywide e-mail list, convene meetings as needed, etc.)</a>			existing budget	CCEH, DA, DCD, PWD, SO
<b>Totals</b>				<b>\$1,827,000</b>	<b>\$378,000</b>	