2019	METRIC:				METRIC:					METRIC: Total CO2							
My Water Pledges (US Basis)	Water Saved (gallons) - Inside and outside home	METRIC:	METRIC: Less in	METRIC: Water Bottles	Hazardous Waste Avoide	METRIC: d Oil Saved (callors)	kWh Saved by Homeowner	kWh Saved Outside of Home	METRIC: Total kWh	Emissions Reduced (Ibs.)	Water Saved Calculation Rosis (Source Data)	Dollars Saved Calculation Rasis (Source Data)	Landfill Waste Avoided Cohulation Basis (Source Data)	Hazardous Waste Avoided Calculation Basis (Source Data)	Oil Saved Calculation Basis (Source Data)	Electricity - kWh Sawed Colordation Basis (Source Date)	CO2 Emissions Reduced Calculation Basis (Source Data)
TOTALS	68,376	6 86	31 1,75	51 1	73	4 49	1,59	0 2,626	4,176	279,96				Carcolation Data (Jource Data)			
A HOME	40.070						4.55		4 575	0.505							
1. FOME Fix leaky faucets	10,000	5 23	9 1	0	0	0 0	1,550	0 14.5	1,575	237	10,000 gallonalyr, due to running taliest, dispering facuests, and othar household leaks. (http://www.apia.gov/WaterGensercur_waterbarr_serving.html)	According to the US EPA, the national average cost of water to \$2.00 per 1.000 gallons. (US EPA "Water on Tap", 2009, available on NSCEP documes Renary website.) Energy costs for delivering water are not paid by the homeowner. Th energy costs to deliver water to the home are included in the \$2.00 per gallon (gave.)	,			On average it takes 1,450 KWh per Million Gallons of water (MG) to delive clean water to each home. (Bcience 2.0: http://www.science2.0cm/science 2.0; http://www.science2.0cm/science nork, wanna, go, green, so, show_rr e, the _math) However, the homeowner does not pay for or directly save this energy so it cannot be counted in the homeowner's savings.	The national average emissions lactor for electricity is 1.841 pounds CO2 per W/h (L3, national weighted average CO2 marginal emission max, year 2016 data). While the memorand doar not effectly size the enablement, the CO2 samples is included because it removes an emission from a dimate charge perspective. https://www.epa.gov/innergy/greenhouse-gases-equivalencies-calculator- calculators and viewnosis).
Take all others showers, use low- flow or WareSenia devices, and hum off the tap.	4,816	6 \$0.6	33	0	0	0 0	2 1	0 6.98	6.96	51.44	Consider to Augustinia, average delay avera ratio from bases 14.112 galantes average delay average del as autores to the autores 14.200 galantes average to the autores of	According to the USE IPA, the national average cost of water I ESE per 4508 galence, USE IPA Variano TG, "Cost walkand on the Cost of the Cost of the Cost of the Cost of the Cost of the Energy cost to shall are also the fail home are included in the E2:00 are galen figure.				On availage table 1400 VMIN or MMING address of water MMIN to that water MMING address of the MMING addre	The network arrings emission factor for description 1.6.1 (point CC) per from 0.6.5. station and emission (C) campaign (C) and (C) and (C) and the C) and (C) and in chicked because it removes an emission from a chicke dropp parapeterise indication and chicken can be apprecised on the company of the company and chicken and chicken can be apprecised on the company of the company and chicken and chicken can be apprecised on the company of the company and chicken and chicken can be apprecised on the company of the company of the company and chicken and chicken can be apprecised on the company of the company of the company and chicken and chicken can be apprecised on the company of the company o
Wath only full loads of laundry and dishes	2,816	8 \$40.1	18	0	0	0) 47 <u>3.0</u>	0 420	477.20	783.01	send russ data a much weng as keng i di Goust igit fabit in hit 14 None, and anno en la fabit in the send to the Share and the Share and the PL as sengen the send to the Share and the Share and the Share and Share an	Eccentres to the UT EPN. The national exempt out of water is 522 in 1200 galance, UE EPA. Your or Tay", 2006, available on NECEY document litting velocitie.) Recording to the floward cubic Statistics, as of April 2010; the availage cost price of includent avery that to \$1,901 346000 april forwards governing the statistics.				Charange 1 Julies 1400 1915 per Millin Galaxie of earls (Mill II Admin Galaxie 2 and hotes (r. 602 per galaxie of color year for early). Glassica 2 and the color of the color of the color of the color of the color of the color of the color of the color of the color The average forwards reveals due 2 and the color of the color of the Color of the color of the color of the color of the color of the Color of the color of the color of the color of the color of the Color of the color of the color of the color of the color of the Color of the color of the color of the color of the color of the Color of the color of the Color of the color of the Color of the color of	The related annups ensuitives black for detailing is 141 parallel CO2 per 161 (L.S. antonia waybud energe CO2 marging emission rate, year 247 data). (http://www.spa.ev/entry/grant/sozie-pass-exploidinciae-citicular- antolation-and-relation-col)
Power down to save electricity	560	0 \$139.5	96	0	0	0 0	1,076.6	0	1,076.60	1,766.70	Water from Energy Savings calculated per next pledge.	Water is not saved by the consumer. Water is saved by the power				http://michaelbluejay.com/electricity/laundry.html) Savings = 317 KWHr pe household per year. According to EIA, In 2016, the average annual electricity consumption for	r The national average emissions factor for electricity is 1.328 pounds CO2 per
											Some products, narging from about almost new and new products. 30 gifters to an exploration of the products of the galaxies in instanding approach, that not regarding the second	jaint. According to the USEUA, as of November 2017, the average cost price of insidential energy in the US as 03.130M/h (Source: https://www.eia.gov/elactricily/monthly)				 Snakenkal ally caloner was 10,766 kWh.	With defended to home of BrgD. Rhg. J www.apa.gov/skamenerg/innerg/ novoroadvids/tentificoadvide/
2. Life	23,708	3 33	1 25	1 17	3	0 137		170	170	266,374							
Waste less food (save a crop, save a drop!)	23,360	0 \$80.0	30 24	13	0	0 121	0.0	0	0.00	265,720.0	9. 2011 WRAPHWYF competencies study of water and energy in load water in the load of the study of the periods per day and 330 big (728 bis 100 capacitation may be assed the study of the periods per day and 330 big (738 bis 100 capacitation may be assed the study of the competitivity obligation of the study of the study of the study of the http://stastis.wrd.og.uk/downback/water_carbon_footprint_fml_200011.pdf)	The servega U.S. family of non-pacels wastes also of \$1.000 offices oper year in household foot waste. If the wavega household is relaxed waste by 20%, an annual aways of \$500 par household (or \$50 par household the server is the server is the family office of the proof and heterother they house backfauch, contrain position-people/pp- grado-administrative cases).	According to a report by the Burlish Canter for Food 8. Numision, water hospers modely (900) in homes and in- relationates of the amount of debits do do watered in the average US home is 343 Bac, (110 kg) per parano per yater. This quartity which corresponds to 25% of food available for human consumption over y yaar, is mainly from wastered finitis and wegetables, milk, grains, and meat.		Over 400 gattors of oil are consumed each year to feed one parson in North America (http://paakail.com/consumption/bil-k-nor-food-but-food- is-of-bi-minimet-citiks-of-food-production-depanding on-oil-). The US Department of Apriculture adminutes that every year Americans threw away 30% of the total food intended for human consumption. Eliminating waste would save 120 gattors of oil a year.	Included in oil saved calculation.	A 2011 WRAPYWY competence sub of water and energy in foot easies te UK, an instantiatado contret primite to NUS, showed March 2013 kmc (64 galicos) per person per day and 2003 kg (728 ks.) CO2 equivalent may be simed through dimitration of competenty another load usate. http://incests.wet.org.ik/download/weav_calico_loadprore_field_200311 pdf)
Use reusable shopping bags	3	2 \$0.0	3.8	35	0	0 43	2	7.00	7.00	105.91	The study measured environment inpacts for the equivalent number of filliant types of equi-basic or interval with of SD spin inplace, spin inplace, spin incomposite the spin inplace of the spin inplace of the spin inplace spin of the spin inplace part of the spin inplace of the spin inplace of the spin inplace part of the spin inplace of the spin inplace of the spin inplace part of the spin inplace of the spin inplace of the spin inplace part of the spin inplace of the spin inplace of the spin inplace part of the spin inplace of the spin inplace of the spin inplace part of the spin inplace of the spin inplace of the spin inplace part of the spin inplace of the spin inplace of the spin inplace of the spin inplace of the spin inplace of the spin inplace of the spin inplace of the spin inplace of the spin inplace of the spin inplace of the spin inplace of the spin inplace of the spin inplace of the spin inplace of the spin inplace of t	The US uses 100 billion angle use bogs each year. High/New xeaukin/billistan-bog- High/New xeauking com/Mitschard mythalfass-bog- Tanes are 33.85 million-American. High/New xeames goo/popchck/W we assume that the average American uses 350 bags per year.	Neight of Plassic Grocery Bag; 5 gram e 2.031 bs. Harp, liftshiba, harpgeas.com/hub/Everything-You- Bhould-Know-About-Modern-Shopping-Bags)		In the United States alone, an estimated 12 million barries do foi as cade annually to make plastic blags that Amaricans consume. (Hpt)/www.alence.coglaboy#EXOThis_great_plastic_t 4g_plag.w) (Calculates to 0.012 galikil per bag)	Ernerg Barvings for Each Readable Bog Usaci - 0.62 NM Boone: EPA Indoné Valkas Reduction National (MARM), http://www.epa.go/idae/Contarvehod/bl/kacm/	The ratio arrange emissions factor for electricity is 1.51 points COD provide
Use a refilable water botte	346	6 \$250.8	35 3.4	s6 1	13	0 12	5 0.0	0 163.31	163.31	548.2	Takas Tan or vision to main 1 three to bottler vision: for a net load of 3 three per Net. Net. profip: Net appendix applicative and a saminability bottler dy waterbottled, assessed and a saminability bottler dy and some of the same or additional or motion of the same of the same or additional or motion of the same	Topical cost of a hostio of water is \$1.45 (http://www.statistictorian.com/botflad-water-statistica)	Religit of plantic-botter: Data compilato by Reveraga Mandaring Corp. (Black), New York, Arbor Hab benevan 2000 and 2014 the average weight of a 161-bounce (Bla ya) aingle-same Yell: (Polychifysite subsystem) all water has declined 52 percent to 325 girante (102 pound). Blag: Jevenn knychigtuday, com larticle water-bottle- might-decretation-encycled-content-increased)	-	The Earth Policy Induitive estimates that the energy and the prince, process, proceeding and registrate bottless water to over 50 million transities of al annually (http://grasminitry.annually.com/sectoress- polision-2477.html). There are 42.US gallons per barre of used al white-sectore 20.00 of or due oil annually to produce and transport. Divided by 50 billion (http://www.statistichesis.com/bottles/wate-statistics/)	According to the planters manufacturing industry, it takes accord 3.4 magnolouids of any action share a special model that plantics bottly, cog, and packaging. (Source: Plantic Intelhale) (3.4 kM = 0.344 km par bottle)	The ratio an energy emissions theor for destrictly in 1.141 provide CO2 per 1400 H LD. S. Indoné and a develope CO2 manifer emission may, see 2018 deal), 197(2). There are governing types house gases equivalencies calculater- calculations and retirement)
Say no to pliastic striaws		0 \$0.0	0.5	58	0	0 0	0.0	0.00	0.00	0.00	According to the National Park Service, Americans use 500 million drinking staws eveny day, (Phraylawar prog.pos/commercializer/socia/greenine_straw_free.htm). Assume 1.6 straws per person per day (Eco-Cycle).		Assume 0.5 gms (0.001 lbs) per plastic straw.				
D. Mand	00.050																
Beautify with climate-appropriate plants	10,000	0 \$20.0	2 30 30 30	50	0	0		0 14.50	0 14.50	23.7	According to the EPA, the typical adjustant lawn consumes 16,000 galaxies of water above and boynont internative each year. Using native plants and indicace periodisation to apprimate local configurations can enclose implement matter use, as well as makes soil enclose lower maintenance costs, and prisative natural insocurosa. (http://www.epa.gov/Wale/Gensei/our_wateritatr_asivitg.html)	According to the US EPA, the national average cost of water is \$2.00 per 1,000 gallone. (US EPA, Water on Tap", 2000, available on NSCEP document Brany website.)	According to CalRecycle, research has shown that lawns penetate approximately 300 pounds of prace of prints per 1,000 square feet annually http://www.calrecycle.cs.gov/Digarics/Grasscycling/).	•		On average it takes 1.450 kVm per Millon Galtons of water (MC) to delive clean water to each home (Science 2.0: http://www.scienced.com/science_mons_wanal_go_green_so_show_m e_the_month/However, the homeowner does not pay for or directly save this energy so it cannot be counted in the homeowner's savings.	The national average emissions laces for electricity is 1.841 pounds CO2 per W/h (U.S. national weighted average CO2 marginal emission max, year 2016 data), (http://www.ap.gov/enrarg/greenhouse-gases-equivalencies-calculator- calculations-and-references)
Tum off sprinkers when it rains	5,256	6 \$10.5	51	0	0	0 1)	0 7.62	7.62	12.5	Recording to the EPA the average American termly uses 320 galance of water per days, about 30 percent of which is download to condor uses. Note than half of the outdoor water is used for watering lawns and galatise. Ultiliting improved intigation matheds an equipment to induce flow in well weather could reduce intigation water by 15 percent. http://www.law.ga.gov/watersense.plus/buttoco.html	According to the US EPA, the national sverage cost of water is \$2:00, per 1,000 galanci (US EPA "Water on Tap", 2009, available on dNSCEP document library website.)				On average it takes 1.450 kWh per Million Calibra of water (MG) to delive clean water to each home. (Science 2.0: http://www.scienci20.com/science.2.mont, userne_ge_green_so_show_mr e_the_math) However, the homeowner does not pay for or directly save this aniary so it cannot be counted in the homeowner's savings.	The national average emissions factor for electricity is 1.641 pounds CO2 per WM (LL 3: national weighted meaning CO2 marginal emission naux, year 2018 data). (https://www.epa.gov/enargy/greenhouse-gases-equivalencies-calculator- calculateions-and-references)
Use sprinklers on minimal settings before 8 am	3,900	0 \$7.8	30	0	0	0		0 5.66	5.68	9.21	In addition, the Methydiotan Year: O test of Southen Californe states from earliers and the second state of the second state of the second state of the second state of the watering due to wind can sum up to 25 gallons of water per time, if you follow the EPP additional states of the second state of the second state of the second state a average of 3,500 gallons of water per year.	Jacostopy to the 105 EPX for national service cost of water to \$2.00 er 100 galaxies. (SPA "Water on Tap", 2000, available on NOCEP document library website.)				On average I status 1,400 14/h par Mittors Calona of mare (MA) to draw draw mare to early home. (Science 2), http://www.science.db.com/science.mon/t_warea_go_gram.toc.hom http://www.science.db.com/science.mon/t_warea_go_gram.toc.hom http://www.science.db.com/science.mon/t_warea_go_gram.toc.hom ttp://science.db.com/science.mon/t_warea_go_gram.toc.hom ttp://science.db.com/science.mon/t_warea_go_gram.toc.hom ttp://science.db.com/science.mon/t_warea_go_gram.toc.hom ttp://science.db.com/science.mon/t_warea_go_gram.toc.hom ttp://science.db.com/science.mon/t_warea_go_gram.toc.hom ttp://science.db.com/science.mon/t_warea_go_gram.toc.hom ttp://science.db.com/science.mon/t_warea_go_gram.toc.hom ttp://science.db.com/science.db	The ratio an energy emission leaves for distributes 1 = 141 provide SCD periods SCD periods (MIV) ILS. Include under the energy of Company emission may, see 2016 data), (http://www.api.go/neurgy/gene/house-glass-equivalencies-abbater- tabulation-ain-orderences)
Sweep instead of hose	1,800	0	4	0	0	0 0))	0 3	3 3		According to the Metropolitan Water District of Southern California, using a broom retead of a hose to clean driveways and sidewalks saves up to 150 gallors of water per frime, (http://www.bewaterniae.com/spiol/html/savering that you clean your driveway and sidewalks 1 time per month, that's a savings of 1800 gallyr .	According to the US EPA, the national average cost of water is \$2.00 per 1.000 gallons. (US EPA "Water on Tap", 2009, available on NSCEP document library website.)				On average it takes 1,450 kWh per Million Gallons of water (MG) to delive clean water to each home. (Science 2.0: http://www.science2.0.cm/science.mom(_wanne_go_green_so_show_m e_the_math) However, the homeoverer does not pay for or directly save this energy so is cannot be counted in the homeowner's savings.	The national average emissions factor for electricity is 1.841 pounds CO2 per KWN (U.S. national weighted average CO2 marginal emission rate, year 2016 data). (http://www.apa.gov/energy/giteer/house-gases-equivalencies-calculator- calculations-and-references)
4. Community	5,438	3 25	0 1,20	0	0	4 358		2,400	2,400	10,954							
Scoop up my perfs wasse		0 \$0.0	50	0	0	0 0	0.0	0 0.00	0 0	0.01	Eliminating port waste laif on polyvays and streads reduces discharges of backdeal and strength of the strength of the streng	6					
pharmaceuticals safely		50.0			0						Internating drog makes includes discretigies di trainitatio in unatevanari bearanne parte where they are not treated. Numerical benefiti o i aliminating releases of drogs into the environment are difficult to make on a person or household basis. However, the alternative cost add and operate storm water treatment facilities to remove the contaminents is very high.						
Wak, bik of but more after	1.23	8 \$240.6	10	0	0	130	0.0	0 0.00		1,885.4	$\label{eq:constraints} \left\{ \begin{array}{l} Amage of the set of a mage of the set of t$	Averge coord gan e till in 2016 mas £2.00 gat. Ingel indegegerport and cont2010			A sostoot 31 gadvad di Gaul and ga na proboot 1910 Jones ang probabilised ang dari 16-327 (k-10)	Exactivy is not as well by homeonor.	We used an emission faith of 11 M fait, any aphron of parallel [Daras
		90.0					30	0.00						produces an average of 4 pounds of household hazardous waste each year (http://www.epa.gov/tegionth/waste/s olid/house.html).			
Recycle and perpenty dispose of paper, cardboard, abuminum, and place.	4.200	0 \$0.C	90 120	50	0	0 221	3 0.0	0 2,400.00	2,400	9,068.44	Each neight minimul manufact in a neutral anging of macroscite. Securities appear has the object minipole manipole macroscite mains and minimul has the hase and component of the margin of macroscite marks and the marks of macroscite marks and the marks of macroscite marks and the marks of marks and marks		1200 Bulyr. (See Water Sared)		380 gala oktori of paper recycled. See Water Sawel	400 Whiten d page respirat. Saw Water Sawal	The notice arrange environment factor for detectingly a 14.1 power CO2 per Min DL 8.1 motion while advecting CO2 marging the motion may, year 2004 Min DL 8.1 motion while advecting CO2 marging the exclusion of a set of the motion of the motion of the motion of the exclusion of a set of environment of the motion of a = 22.5 m, of CO2 per gir all mp. Interve disk perclamating/where resourceshifts.tem