

# OAK CREEK WATERSHED RESIDENTS' SURVEY

## RESULTS FOR QUESTION 15

Prepared by Barry Allan Revised on March 23, 2012

Today is March 23, 2012

15) In your opinion, how much do the following threaten Oak Creek water quality?	not sure	not a problem	slight problem	moderate problem	large problem	TAKE AWAY NOTES
Please mark with an X	0	1	2	3	4	
<b>Agricultural runoff</b>						Several respondees fumbled this section because they filled in the heading.
Livestock manure	52	40	58	59	32	
Fertilizers and pesticides	41	24	46	65	50	
<b>Animals</b>						69% believe that dog feces are a problem to some degree, and wildlife feces total 48%. Almost 2/3 think that wildlife attracted to water by human food waste threaten water quality to
Dog feces that are not picked up and disposed properly	27	32	74	59	51	
Wildlife feces	36	75	58	46	24	
Wildlife attracted to water by discarded human food waste	36	37	74	56	41	
<b>Erosion and sedimentation due to the following:</b>						More than twice as many people than any other reason thought Jeep/ORV trails cause erosion and sedimentation which affects water quality of Oak Creek.
Construction and maintenance of irrigation diversions	56	45	74	46	15	
Building and road construction	44	46	80	51	17	
Road maintenance	44	54	91	39	8	
Low water creek crossings	45	69	75	38	7	
Unmaintained "social" trails	48	62	83	34	11	
Jeep/ORV trails	41	43	57	55	35	
Other sources (specify)	45	9	4	6	6	
<b>Recreation</b>						The responses to recreation problems were the most significant of all categories. Totals: Human feces 67%; Trash 84%; Baby diapers 75%; lack of public toilets 79%; lack of trash receptacles 79%. There is a consistency in these answers to those in Question 6.
Human feces deposited outdoors	34	34	69	47	61	
Trash	13	9	53	85	85	
Used and improperly discarded baby diapers	28	17	57	62	80	
Lack of public toilet facilities near creek and at trailheads	21	12	48	76	85	
Lack of trash receptacles at recreation sites and trailheads	24	11	66	67	78	
<b>Urban areas</b>						Totals: stormwater 60%; lawn fertilizers & pesticides 71%; Pet feces in yards 66%
Stormwater runoff	30	54	54	68	36	
Lawn fertilizers and pesticides	31	27	69	68	51	
Pet feces not collected from yards	36	35	87	58	29	
<b>Wastewater</b>						Totals: sewer system 62%; residential septic systems 68%; commercial septic systems 66%
Inadequately maintained sewer system	41	32	46	67	54	
Improperly built or maintained residential septic systems	34	26	37	78	65	
Improperly built or maintained commercial septic systems	34	29	43	66	65	
<b>Other</b>						Totals: lack of riparian buffers 51%; disturbance of sediment 54%
Lack of riparian buffers (natural vegetation next to the water)	55	48	66	41	30	
Disturbance of "sediment reservoirs" on the bottom of Oak Creek that hold bacteria and viruses that can cause human illness	55	38	54	57	33	
Other (specify)	35	4	1	3	6	

not sure	not a problem	slight problem	moderate	large	
0	1	2	3	4	
<b>Agricultural runoff</b>					Several respondees fumbled this section because they filled in the heading.
20%	15%	22%	22%	12%	
15%	9%	17%	25%	19%	
<b>Animals</b>					69% believe that dog feces are a problem to some degree, and wildlife feces total 48%. Almost 2/3 think that wildlife attracted to water by human food waste threaten water quality to
10%	12%	28%	22%	19%	
14%	28%	22%	17%	9%	
14%	14%	28%	21%	15%	
<b>Erosion and sedimentation due to the following:</b>					More than twice as many people than any other reason thought Jeep/ORV trails cause erosion and sedimentation which affects water quality of Oak Creek.
21%	17%	28%	17%	6%	
17%	17%	30%	19%	6%	
17%	20%	34%	15%	3%	
17%	26%	28%	14%	3%	
18%	23%	31%	13%	4%	
15%	16%	22%	21%	13%	
17%	3%	2%	2%	2%	
<b>Recreation</b>					The responses to recreation problems were the most significant of all categories. Totals: Human feces 67%; Trash 84%; Baby diapers 75%; lack of public toilets 79%; lack of trash receptacles 79%. There is a consistency in these answers to those in Question 6.
13%	13%	26%	18%	23%	
5%	3%	20%	32%	32%	
11%	6%	22%	23%	30%	
8%	5%	18%	29%	32%	
9%	4%	25%	25%	29%	
<b>Urban areas</b>					Totals: stormwater 60%; lawn fertilizers & pesticides 71%; Pet feces in yards 66%
11%	20%	20%	26%	14%	
12%	10%	26%	26%	19%	
14%	13%	33%	22%	11%	
<b>Wastewater</b>					Totals: sewer system 62%; residential septic systems 68%; commercial septic systems 66%
15%	12%	17%	25%	20%	
13%	10%	14%	29%	25%	
13%	11%	16%	25%	25%	
<b>Other</b>					Totals: lack of riparian buffers 51%; disturbance of sediment 54%
21%	18%	25%	15%	11%	
21%	14%	20%	22%	12%	
13%	2%	0%	1%	2%	