

Toxic effects of different water samples on Blackworms: Observations

Group members: _____

Data collector: _____

Directions: Give an activity rating at each time interval (see rating scale below). Place a check mark next to “clumped” or “not clumped” to indicate the behavior of the majority of worms. Record any additional observations under “other.”

Activity Rating:

0	1	2	3	4
No Activity	Normal	Some Activity	Very Active	

Exposure

Swimming Behavior	A	B	C	D
Activity Rating (circle a number)	<u>0 min</u>	<u>0 min</u>	<u>0 min</u>	<u>0 min</u>
	0 1 2 3 4	0 1 2 3 4	0 1 2 3 4	0 1 2 3 4
	Notes:	Notes:	Notes:	Notes:
	<u>3 min</u>	<u>3 min</u>	<u>3 min</u>	<u>3 min</u>
	0 1 2 3 4	0 1 2 3 4	0 1 2 3 4	0 1 2 3 4
	Notes:	Notes:	Notes:	Notes:
	<u>6 min</u>	<u>6 min</u>	<u>6 min</u>	<u>6 min</u>
	0 1 2 3 4	0 1 2 3 4	0 1 2 3 4	0 1 2 3 4
	Notes:	Notes:	Notes:	Notes:
	<u>10 min</u>	<u>10 min</u>	<u>10 min</u>	<u>10 min</u>
	0 1 2 3 4	0 1 2 3 4	0 1 2 3 4	0 1 2 3 4
	Notes:	Notes:	Notes:	Notes:

Recovery Observations

Directions: Place the appropriate letter that applies to the majority of the worms at each time period.

Recovery

Swimming Behavior	A		B		C		D	
R = completely recovered	3 min		3 min		3 min		3 min	
P = partially recovered	6 min		6 min		6 min		6 min	
N = not recovered	10 min		10 min		10 min		10 min	
D = dead (mark only after 24 hrs)	24 hrs		24 hrs		24 hrs		24 hrs	