

**Attachment F1 – Survey Items**

**1. Survey Items by Contaminant Group**

**Attachment F1. Survey Items by Contaminant Group**

Number	Question	Asbestos	Dioxin	Mercury	Metals	PAHs	PCBs	Volatiles
1	Avoid outdoor activity such as working, playing, gardening, and yard work during very windy days	Yes	---	---	Yes	Yes	---	---
2	Avoid outdoor activity such as working, playing, gardening, and yard work when you think there is an air release or burning at the site	---	Yes	Yes	Yes	Yes	Yes	---
3	Bathe or brush family animals such as cats and dogs	Yes	---	---	---	---	---	Yes
4	Change clothes soon after outdoor activity such as working, playing, gardening, and yard work	Yes	---	---	Yes	Yes	---	Yes
5	Clean shoes before entering house	Yes	---	---	Yes	---	---	Yes
6	Close windows and doors when you think there is an air release or burning at the site	---	Yes	Yes	Yes	Yes	Yes	---
7	Cover bare soils with grass or mulch	Yes	---	---	---	---	---	---
8	Damp dust home rather than dry dust	Yes	Yes	---	Yes	---	Yes	---
9	Drink bottled water	---	---	---	Yes	Yes	---	Yes
10	Drink milk from local dairies	---	Yes	---	---	Yes	---	---
11	Drink tap water from area of concern	---	---	---	---	Yes	---	Yes
12	Drink unfiltered water from creeks, streams, or rivers	---	---	---	Yes	Yes	Yes	Yes
13	Drink water from outdoor hose	---	---	---	---	Yes	---	Yes
14	Eat fruits or vegetables grown in areas of concern	---	Yes	---	---	Yes	Yes	Yes
15	Fill pool with unfiltered water	---	---	---	---	---	---	Yes
16	Fish on the site	---	Yes	Yes	---	---	Yes	---
17	Follow beef advisories	---	Yes	---	---	Yes	Yes	---
18	Follow drinking water advisories	---	---	---	Yes	Yes	---	Yes
19	Follow egg advisories	---	Yes	---	---	---	---	---

Number	Question	Asbestos	Dioxin	Mercury	Metals	PAHs	PCBs	Volatiles
20	Follow fish consumption advisories	---	Yes	Yes	Yes	Yes	Yes	---
21	Follow posted signs	---	Yes	---	Yes	Yes	Yes	---
22	Follow recommended fish preparation guidelines	---	Yes	Yes	Yes	Yes	Yes	---
23	Follow recommended ventilation practices	---	---	---	---	---	---	Yes
24	Follow shellfish consumption advisories	---	Yes	Yes	Yes	Yes	Yes	---
25	Follow traditional (subsistence) food selection practices	---	Yes	Yes	Yes	Yes	Yes	
26	Follow traditional (subsistence) food preparation customs	---	Yes	Yes	Yes	Yes	Yes	
27	Follow water use advisories	---	---	---	---	Yes	---	Yes
28	Hunt on the site	Yes	Yes	---	---	Yes	Yes	---
29	Keep children from biking, playing, or doing other activities in areas of concern	---	Yes	---	Yes	Yes	Yes	Yes
30	Keep children from crawling or playing on the floor	Yes	---	Yes	Yes	---	Yes	---
31	Keep children from drinking water from outdoor hose	---	---	---	---	Yes	---	Yes
32	Keep children from playing in muddy soils	Yes	---	---	---	---	---	Yes
33	Keep children from playing in water from an outdoor hose such as with a sprinkler or slip and slide	---	---	---	---	Yes	---	Yes
34	Keep children from playing, biking, or doing other activities in areas with asbestos	Yes	---	---	---	---	---	---
35	Keep children from playing, climbing, running, digging, or doing other activities on the site	Yes	---	---	Yes	Yes	Yes	Yes
36	Keep children from riding ATVs or motorized bikes on the site	Yes	---	---	Yes	Yes	Yes	Yes
37	Keep children from swallowing pool water	---	---	---	Yes	---	---	Yes
38	Keep children from thumb sucking and nail biting	Yes	Yes	---	Yes	Yes	Yes	Yes
39	Keep children from walking or bicycling on the site	---	---	---	Yes	Yes	Yes	Yes

Number	Question	Asbestos	Dioxin	Mercury	Metals	PAHs	PCBs	Volatiles
40	Leave windows and doors open	Yes	---	Yes	---	Yes	---	Yes
41	Leave windows and doors open on windy days	Yes	---	Yes	---	---	---	Yes
42	Limit children's fish consumption	---	Yes	---	---	Yes	Yes	---
43	Limit children's meat consumption from the area of concern	---	Yes	---	---	---	---	---
44	Limit children's milk consumption from the area of concern	---	Yes	---	---	---	---	---
45	Limit children's fruit and vegetable consumption from the area of concern	---	Yes	---	---	---	---	---
46	Limit exposure to steam in your home from such things as a dishwasher, boiling water, or hot tub	---	---	---	---	---	---	Yes
47	Limit time in hot tub	---	---	---	---	---	---	Yes
48	Limit time showering and bathing	---	---	---	---	---	---	Yes
49	Limit tuna consumption	---	---	Yes	---	---	---	---
50	Minimize dust by wetting-down soils before gardening, digging, building, and doing other activities that will disturb the soil	Yes	---	---	---	---	---	---
51	Mix commercial baby formula using tap water	---	---	---	---	---	---	Yes
52	Open bathroom window when bathing or showering	---	---	---	---	---	---	Yes
*53	Operate and maintain a vapor intrusion (radon) mitigation systems in your home	---	---	---	---	---	---	---
54	Peel root vegetables before eating	---	---	---	Yes	---	---	---
55	Periodically damp wash children's play areas	Yes	Yes	---	Yes	---	Yes	---
56	Play on the site by climbing, running, digging or other play	Yes	---	---	---	Yes	Yes	Yes
57	Regularly replace and maintain water filters following recommended manufacturers instructions	---	---	---	Yes	Yes	---	Yes
58	Remove shoes before entering home	Yes	---	Yes	Yes	---	Yes	Yes

Number	Question	Asbestos	Dioxin	Mercury	Metals	PAHs	PCBs	Volatiles
59	Ride ATVs or motorized bikes on the site	---	---	---	---	Yes	Yes	Yes
60	Run air conditioner instead of opening windows and doors	---	Yes	---	---	Yes	---	---
61	Run bathroom fan when bathing or showering	---	---	---	---	---	---	Yes
62	Run tap water for a few minutes before using the water for drinking, food preparation, showering, etc	---	---	---	---	---	---	Yes
63	Select fish lower in mercury	---	---	Yes	---	---	---	---
64	Shower and bathe in cooler water	---	---	---	---	---	---	Yes
65	Shower in unfiltered or untreated water	---	---	---	---	Yes	---	Yes
*66	Sleep or spend more than 3 hours a day in the basement of your home	---	---	---	---	---	---	---
67	Swim in local creeks, streams, rivers, ponds, or lakes	---	---	---	---	Yes	---	Yes
68	Swim in nearby creeks, streams, or rivers	---	---	---	---	Yes	Yes	Yes
69	Test well water for metals	---	---	---	Yes	---	---	---
70	Use a leaf blower	Yes	---	---	---	---	---	---
71	Use a vacuum with a bag (not a bagless vacuum, shop vac, or steam cleaner)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
72	Use a vacuum with a HEPA filter	Yes	Yes	---	Yes	Yes	Yes	---
73	Use a water filter on your private well	---	---	---	Yes	Yes	---	Yes
74	Use containers or raised beds for gardening	---	Yes	---	Yes	---	---	Yes
75	Use outdoor hose for watering plant, car washing, and other outdoor uses	---	---	---	---	---	---	Yes
76	Use water filter(s)	---	---	---	---	Yes	---	Yes
77	Use well water in your home for bathing, brushing teeth, and other activities	---	---	---	Yes	Yes	---	Yes

Number	Question	Asbestos	Dioxin	Mercury	Metals	PAHs	PCBs	Volatiles
78	Vacuum home once a week or more often	---	Yes	Yes	Yes	---	Yes	Yes
79	Vacuum home once a week or more often with a HEPA vacuum	Yes	---	---	---	---	---	---
80	Walk, jog, or bicycle on the site	Yes	---	---	Yes	---	---	Yes
81	Wash children's face, hands, and other exposed skin soon after outdoor play	Yes	Yes	---	Yes	Yes	Yes	Yes
82	Wash children's face and hands after playing with or petting family animals such as cats and dogs	Yes	---	---	---	Yes	---	Yes
83	Wash children's face and hands before they eat or drink	Yes	Yes	---	Yes	Yes	Yes	Yes
84	Wash children's toys	Yes	Yes	---	Yes	Yes	Yes	Yes
85	Wash dirty clothes soon after wearing outdoors	Yes	Yes	Yes	Yes	Yes	Yes	Yes
86	Wash fruits and vegetables before eating	---	Yes	Yes	Yes	Yes	Yes	Yes
87	Wash hands, face, and other exposed skin soon after outdoor activity such as playing, gardening, yard work, and other outdoor work	Yes	Yes	Yes	Yes	Yes	Yes	---
88	Wash hair after outdoor activity such as playing, gardening, yard work, and other outdoor work	Yes	---	---	---	---	---	---
89	Wash children's hair after outdoor play	Yes	---	---	---	---	---	---
90	Wash work clothes at home	Yes	---	---	Yes	---	---	Yes
91	Wash work clothing separate from household clothing	Yes	---	---	Yes	---	---	Yes
92	Wear gloves when working in soil doing gardening, digging, building, and other activities	---	---	Yes	Yes	Yes	Yes	---
93	Wear long sleeves and pants during outdoor activity such as playing, gardening, yard work, and other outdoor work	---	Yes	Yes	Yes	Yes	---	Yes
94	Wear work clothes home	Yes	---	---	Yes	---	---	---

Number	Question	Asbestos	Dioxin	Mercury	Metals	PAHs	PCBs	Volatiles
95	Wet mop home once a week or more often	Yes	Yes	---	Yes	Yes	Yes	Yes
96	Work in soil at home through gardening, digging, building, repairing and other outside activities	Yes	---	---	Yes	Yes	Yes	Yes
	Total Number	37	35	21	47	52	38	57

\*Note: Questions 53 and 66 are specific to radon which is an extremely toxic, colorless gas. The earth and rock beneath a home is a source of radon. A number of subject matter experts suggested we include these items for potential future use.