

TELEPHONE LOG FOR Katherine von Stackelberg

FILE: 615M

DATE: November 10, 2000

PERSON CALLED: Dave Mayack
COMPANY: NYSDEC Hale Creek
TELEPHONE NUMBER: 518-773-7318

NOTES OF CONVERSATION:

Dave has some data available for aroclors in otter, mink and muskrat liver. They looking at 30 additional samples which will be evaluated for congeners, but that hasn't been done yet. They have a group of data from 98-99 that they are using to establish "baseline". 5 mink and 3 otter samples will be quantitated for coplanars specifically. They are looking at EPA method 1668. Sampling locations are throughout the Upper Hudson River drainage basin, from Corinth down to Stillwater. They hired a trapper and found 9 mink w/in a ¼ mile of the river or right on the river. Several otter at Fish Creek. As soon as they moved away from the river (less than 6 km) the animals are "clean".

They are setting up trackboards – sooted contact paper with lure inside that the animal runs through. Leaves tracks that can be observed. 70 sites with 2 boxes at each site. Mohawk River is the reference area. Boxes will be set up at most 6 km away from river (widest possible homerange according to Mayack). This is being done to establish a population index.

Mayack professional opinion that you can see the influence of the river strongly. Not a statistical test (yet) but 3 animals per trap night on the river and 26 per trap night off the river. Also concentrations drop off dramatically as soon as the influence of the river diminishes. Feels there is a strong relationship between PCB exposure, body burdens, and population dynamics. No hard data yet; all in the

works. He uses the European criteria of 50 ppm in liver lipid normalized. Similar to our criteria (depending on the lipid assumption – ours is 1.23 ppm ww to 3.0 ppm ww LOAEL based on reproductive effects). His criteria is based on retinol A which he feels is an important endpoint. Seems to be relying on TRVs from other sites rather than trying to establish any D-R relationship specific for the Hudson.

Action: Mayack will email the spreadsheet he sent to Lisa Rosman of raw aroclor data from 98-99. Hasn't done anything with it yet – raw form. Congener results won't be available until later this year. Feels the data coming out now are better but these data he is sending will give us a "feel" for the kinds of concentrations they are observing.