

TABLE 1
Summary of 1986, and 1997 - 2009 Fish Tissue Samples (Ranges) at ReSolve Superfund Site

| Fish Samples | Range of PCB Concentrations (ppm) in Fish | | | | | | | | | | | | | |
|----------------------|---|-------------|------------------|-------------|-------------------|-------------------------|------------------|-------------|-----------------------|------------------------|------------------------------|-------------|------------------------------|------------------------|
| | <u>1986</u> | <u>1997</u> | <u>1998</u> | <u>1999</u> | <u>2000</u> | <u>2001</u> | <u>2002</u> | <u>2003</u> | <u>2004</u> | <u>2005</u> | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> |
| <u>Cornell Pond</u> | | | | | | | | | | | | | | |
| American Eel | 20 | .42 - .84 | .24 - .69 | .51 - .76 | .38 - .65 | .49 - 2.09 ¹ | .23 - .36 | .14 - .32 | ND⁵ | .52 - 6.6 ⁶ | .738 - .792 | .24 - .84 | .690 - .950 | ND ⁵ - .100 |
| Brown Bullhead | 1.1 | NC | .08 - .12 | .06 - .32 | .12 | .24 | .06 - .08 | .06 | .075 - .1 | .08 - .11 | ND⁵ - .330 | .057 - .11 | .073 - .170 | ND ⁵ - .100 |
| Lg-Mouth Bass | NC | .04 - .17 | .03 - .11 | .06 - .22 | .02 - 2.20 | .20 - 2.2 ² | .07 - .2 | .06 - .09 | .05 - .12 | .13 - .25 | ND⁵ - .148 | .025 - .095 | ND⁵ - .150 | ND ⁵ |
| Yellow Perch | .26 - 1.05 | .04 - .08 | .02 - .04 | .11 - .47 | .06 - .11 | .2 - .37 | .07 - .1 | .05 | .06 - .085 | .054 - .097 | ND⁵ - .150 | .025 - .083 | ND⁵ - .080 | ND ⁵ - .066 |
| Blue Gill | | | | | | .1 - .15 | .05 - .1 | NC | .09 - .2 | ND ⁵ | ND⁵ | .025-.053 | ND⁵ | ND ⁵ - .370 |
| <u>Copicut River</u> | | | | | | | | | | | | | | |
| Brook Trout | NC | .15 - .3 | .08 - .24 | .16 - .59 | .05 - .47 | .11 | .32 | NC | NC | NC | NC | NC | NC | NC |

TABLE 2
Summary of 1986, and 1997 - 2009 Fish Tissue Samples (Averages) at ReSolve Superfund Site

| Fish Samples | Average PCB Concentrations (ppm) in Fish | | | | | | | | | | | | | |
|----------------------|--|-------------|-------------|-------------|-------------|-------------------|-------------|-------------|-----------------------|-------------------|-----------------------|-------------|-------------|-------------|
| | <u>1986</u> | <u>1997</u> | <u>1998</u> | <u>1999</u> | <u>2000</u> | <u>2001</u> | <u>2002</u> | <u>2003</u> | <u>2004</u> | <u>2005</u> | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> |
| <u>Cornell Pond</u> | | | | | | | | | | | | | | |
| American Eel | 20 | .656 | .538 | .616 | .524 | 1.04 ³ | .29 | .24 | ND⁵ | 3.05 ⁷ | .765 | .51 | .802 | .049 |
| Brown Bullhead | 1.1 | NC | .102 | .190 | .121 | .24 | .06 | .06 | .086 | .092 | .161 | .087 | .101 | .060 |
| Lg-Mouth Bass | NC | .105 | .054 | .123 | .474 | .728 ⁴ | .1 | .07 | .075 | .23 | .110 | .039 | .085 | .025 |
| Yellow Perch | .26 - 1.05 | .060 | .028 | .250 | .069 | .303 | .08 | .05 | .074 | .092 | .120 | .054 | .045 | .047 |
| Blue Gill | | | | | | .12 | .08 | NC | .23 | ND ⁵ | ND⁵ | .031 | .025 | .163 |
| <u>Copicut River</u> | | | | | | | | | | | | | | |
| Brook Trout | NC | .218 | .160 | .278 | .147 | .11 | .32 | NC | NC | NC | NC | NC | NC | NC |

NOTES:

NC - none collected

¹ One of the three American Eels contained a total PCB concentration of 2.09 ppm. The two remaining eels contained PCB concentrations ranging from 0.49 - 0.548 ppm.

² One of the five large mouth bass collected contained a total PCB concentration of 2.2 ppm. The four remaining large mouth bass contained PCB concentrations ranging from 0.20 - 0.5 ppm.

³ Average PCB concentration in American Eel, excluding the high 2.09 ppm concentration, is .519 ppm.

⁴ Average PCB concentration in Bass, excluding the high 2.2 ppm concentration, is .328 ppm.

⁵ Samples analyzed but PCBs were not detected.

⁶ One of the five American Eels contained a total PCB concentration of 12.6 ppm. The four remaining eels contained PCB concentrations ranging from 0.52 - 0.77 ppm.

⁷ Average PCB concentration in American Eel, excluding the high 12.6 ppm concentration, is .658 ppm.

FDA action limit for PCBs = 2 mg/kg