Mike,

All tested pools were negative for Week 25. Below is a summary of the results. We will be sending more extensive reports (including historical weekly averages) as the numbers of tested mosquitoes mount and/or we start seeing positive pools.

Lars

Table 1a. Vector Index for current week

	Mean abundance of females per trap night[1]		Estimate for proportion of females infected with WNV[2]		**Vector Index**		
Week: **25**	*Cx. pipiens*	*Cx. tarsalis*	*Cx. pipiens*	*Cx. tarsalis*	***Cx. pipiens***[3]	***Cx. tarsalis***[4]	**All *Culex***[5]
FC – Zone NW	0.89	2.56	0	0	0	0	0
FC – Zone NE	1.40	5.50	0	0	0	0	0
FC – Zone SE	0.27	6.33	0	0	0	0	0
FC – Zone SW	0.44	0	0	0	0	0	0
FC – Citywide	0.70	4.02	0	0	0	0	0
LV	0.35	5.68	0	0	0	0	0

[1]From Table 2a (CDC light trap catches only).
[2]Derived from the data presented in Table 3a for estimated infection rate per 1,000 females (CDC light trap and gravid trap catches combined).
[3]Vector Index for *Cx. pipiens* = (Mean abundance of *Cx. pipiens* females per trap night) x (Estimate for proportion of all *Cx. pipiens* females infected with WNV).
[4]Vector Index for *Cx. tarsalis* = (Mean abundance of *Cx. tarsalis* females per trap night) x (Estimate for proportion of all *Cx. tarsalis* females infected with WNV).
[5]Vector Index for All *Culex* = (Vector Index for *Cx. pipiens*) + (Vector Index for *Cx. tarsalis*).

Table 2a. Vector abundance for current week (CDC light trap catches only)

Week: **25**	Total number females collected			Number CDC light trap nights	Mean abundance of females per CDC light trap night		
	Cx. pipiens	*Cx. tarsalis*	All *Culex*		*Cx. pipiens*[1]	*Cx. tarsalis*[2]	All *Culex*[3]
FC – Zone NW	8	23	31	9	0.89	2.56	3.44
FC – Zone NE	14	55	69	10	1.40	5.50	6.90
FC – Zone SE	4	95	99	15	0.27	6.33	6.60
FC – Zone SW	4	0	4	9	0.44	0	0.44
FC – Citywide	30	173	203	43	0.70	4.02	4.72
LV	13	210	223	37	0.35	5.68	6.03

[1]Mean abundance of *Cx. pipiens* females per CDC light trap night = (Total number *Cx. pipiens* females collected) / (Number CDC light trap nights).

[2]Mean abundance of *Cx. tarsalis* females per CDC light trap night = (Total number *Cx. tarsalis* females collected) / (Number CDC light trap nights).

[3]Mean abundance of All *Culex* females per CDC light trap night = (Total number All *Culex* females collected) / (Number CDC light trap nights).

Table 3a. WNV infection rate per 1,000 females for current week (CDC light trap and gravid trap catches combined)

Week: **25**	Total number individuals examined			Total number pools examined			Total number WNV-infected pools			Estimate for WNV infection rate per 1,000 females[1]		
	Cx. pipiens	*Cx. tarsalis*	All *Culex*	*Cx. pipiens*	*Cx. tarsalis*	All *Culex*	*Cx. pipiens*	*Cx. tarsalis*	All *Culex*	*Cx. pipiens*	*Cx. tarsalis*	All *Culex*
FC – Zone NW	8	23	31	4	6	10	0	0	0	0	0	0
FC – Zone NE	20	55	75	8	9	17	0	0	0	0	0	0
FC – Zone SE	17	95	112	7	12	19	0	0	0	0	0	0
FC – Zone SW	4	0	4	2	0	2	0	0	0	0	0	0
FC – Citywide	49	173	222	21	27	48	0	0	0	0	0	0
LV	1	48	49	1	6	7	0	0	0	0	0	0

[1]Maximum likelihood estimate (MLE) for WNV infection rate per 1,000 females calculated using the CDC PooledInfRate 4.0 plug-in for Excel.