

APPENDIX 10.19

**RESULTS OF THE GREAT CRESTED NEWT SURVEYS OF PONDS
IN THE VICINITY OF THE PROPOSED MERSEY GATEWAY JUNCTION IMPROVEMENTS**

| TABLE 1. POND NUMBER = 1 NUMBER OF BOTTLE TRAPS = 23 LOCATION: JUNCTION 11a OF M56 (POND IN PLAYING FIELD) | | | | | | | | | | |
|---|--------------------------|--------------------------|------------|-----------|-----------|-----------|------------|-----------|------------|-------------|
| Survey method | Date set | Date read | GCN | SN | PN | CF | CFT | CT | CTT | Fish |
| Bottle trap | 10 th May 07 | 11 th May 07 | 0 | 0 | 0 | 0 | 100+ | 0 | 0 | 9 |
| Bottle trap | 13 th May 07 | 14 th May 07 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 6 |
| Bottle trap | 14 th May 07 | 15 th May 07 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 11 |
| Bottle trap | 16 th June 07 | 17 th June 07 | 0 | 0 | 0 | 0 | 2 | 0 | 15 | 24 |
| Egg search | All dates | All dates | 0 | 0 | | - | - | - | - | - |

| TABLE 1 CONTINUED. POND NUMBER = 2 NUMBER OF BOTTLE TRAPS = 37 LOCATION: JUNCTION 11a OF M56 (POND BY MOTORWAY) | | | | | | | | | | |
|--|--------------------------|--------------------------|------------|-----------|-----------|-----------|------------|-----------|------------|-------------|
| Survey method | Date set | Date read | GCN | SN | PN | CF | CFT | CT | CTT | Fish |
| Bottle trap | 10 th May 07 | 11 th May 07 | 0 | 9 | 0 | 0 | 50+ | 0 | 300+ | 6 |
| Bottle trap | 13 th May 07 | 14 th May 07 | 0 | 4 | 0 | 0 | <20 | 0 | <20 | 3 |
| Bottle trap | 14 th May 07 | 15 th May 07 | 0 | 8 | 0 | 0 | 8 | 0 | 29 | 4 |
| Bottle trap | 16 th June 07 | 17 th June 07 | 0 | 11 | 0 | 0 | 0 | 0 | 23 | 0 |
| Egg search | All dates | All dates | 0 | 0 | | - | - | - | - | - |
| Occasional dragonfly and damselfly larvae, Horse Leech, Great Diving Beetle larvae, Water Scorpion and Caddis-fly larvae | | | | | | | | | | |

KEY: - GCN = Great Crested Newt, SN = Smooth Newt, PN = Palmate Newt, CF = Common Frog, CFT = Common Frog tadpole, CT = Common Toad, CTT = Common Toad tadpole.

| TABLE 1 CONTINUED POND NUMBER = 3 NUMBER OF BOTTLE TRAPS = 5 LOCATION: WEST OF JUNCTION 11a, NORTH OF RAILWAY | | | | | | | | | | |
|---|-------------------------|-------------------------|-----|----|----|----|-----|----|-----|------|
| Survey method | Date Set | Date read | GCN | SN | PN | CF | CFT | CT | CTT | Fish |
| Bottle trap | 10 th May 07 | 11 th May 07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 13 th May 07 | 14 th May 07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | - | - | - | - | - | - | - | - | - | - |
| Bottle trap | - | - | - | - | - | - | - | - | - | - |
| Egg search | All dates | All dates | 0 | 0 | 0 | - | - | - | - | - |

| TABLE 1 CONTINUED POND NUMBER: 4 NUMBER OF BOTTLE TRAPS = 20 LOCATION: ROCKSAVAGE | | | | | | | | | | |
|---|-------------------------|-------------------------|-----------------|---------|----|----|-----|----|-----|------|
| Survey method | Date Set | Date read | GCN | SN | PN | CF | CFT | CT | CTT | Fish |
| Bottle trap | 10 th May 07 | 11 th May 07 | 5 (f), 2 (m) | 6 | 0 | 0 | 5 | 0 | 0 | 0 |
| Bottle trap | 13 th May 07 | 14 th May 07 | 1 (f) | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 14 th May 07 | 15 th May 07 | 2 (f) | 7 | 0 | 0 | 2 | 0 | 0 | 0 |
| Bottle trap | 30 th May 07 | 31 st May 07 | 1 (m) 2 (f) | 2 | 0 | 0 | 3 | 0 | 0 | 0 |
| Bottle trap | 31 st May 07 | 1 st June 07 | 3 (m) 4 (f) | 2 | 0 | 0 | 10+ | 0 | 0 | 0 |
| Bottle trap | 1 st June 07 | 2 nd June 07 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| Egg search | All dates | All dates | Present | Present | | - | - | - | - | - |

KEY: - GCN = Great Crested Newt, SN = Smooth Newt, PN = Palmate Newt, CF = Common Frog, CFT = Common Frog tadpole, CT = Common Toad, CTT = Common Toad tadpole.

| TABLE 1 CONTINUED POND NUMBER: 5 NUMBER OF BOTTLE TRAPS = 18 LOCATION: ROCKSAVAGE | | | | | | | | | | |
|---|-------------------------|-------------------------|-----------------|------------------|----|----|-----|----|-----|------|
| Survey method | Date Set | Date read | GCN | SN | PN | CF | CFT | CT | CTT | Fish |
| Bottle trap | 10 th May 07 | 11 th May 07 | 1 (f), 2 (m) | 13 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 13 th May 07 | 14 th May 07 | 1 (m) | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 14 th May 07 | 15 th May 07 | 2 (m) 3(f) | 7 | 0 | 0 | 3 | 0 | 0 | 0 |
| Bottle trap | 30 th May 07 | 31 st May 07 | 1 (m) 2 (f) | 1 | 0 | 0 | 2 | 0 | 0 | 0 |
| Bottle trap | 31 st May 07 | 1 st June 07 | 2 (m) 2 (f) | 1 | 0 | 0 | 2 | 0 | 0 | 0 |
| Bottle trap | 1 st June 07 | 2 nd June 07 | 3 (f) | 2 + 1 t larva | 0 | 0 | 0 | 0 | 0 | 0 |
| Egg search | All dates | All dates | Present | Present | | - | - | - | - | - |

| TABLE 1. CONTINUED POND NUMBER: 6 NUMBER OF BOTTLE TRAPS = 17 LOCATION: ROCKSAVAGE | | | | | | | | | | |
|--|-------------------------|-------------------------|-----------------|---------|----|----|-----|----|-----|------|
| Survey method | Date Set | Date read | GCN | SN | PN | CF | CFT | CT | CTT | Fish |
| Bottle trap | 10 th May 07 | 11 th May 07 | 2 (f), 1 (m) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 13 th May 07 | 14 th May 07 | 5 (m) | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 14 th May 07 | 15 th May 07 | 3 (m) 2 (f) | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 30 th May 07 | 31 st May 07 | 1 (m) 1 (f) | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 31 st May 07 | 1 st June 07 | 4 (m) 4 (f) | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 1 st June 07 | 2 nd June 07 | 3 (m) 4 (f) | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egg search | All dates | All dates | Present | Present | | - | - | - | - | - |

KEY: - GCN = Great Crested Newt, SN = Smooth Newt, PN = Palmate Newt, CF = Common Frog, CFT = Common Frog tadpole, CT = Common Toad, CTT = Common Toad tadpole.

TABLE 1. CONTINUED POND NUMBER: 7 (SMALL EASTERN POND) NUMBER OF BOTTLE TRAPS = 3 LOCATION: ROCKSAVAGE

| Survey method | Date Set | Date read | GCN | SN | PN | CF | CFT | CT | CTT | Fish |
|---------------|-------------------------|-------------------------|----------------|----|----|----|-----|----|-----|------|
| Bottle trap | 10 th May 07 | 11 th May 07 | 1 (f) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 13 th May 07 | 14 th May 07 | 1 (f) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 14 th May 07 | 15 th May 07 | 2 (f) | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 30 th May 07 | 31 st May 07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 31 st May 07 | 1 st June 07 | 1 (f) | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 1 st June 07 | 2 nd June 07 | 1 (f) 1 (m) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egg search | All dates | All dates | Present | 0 | | - | - | - | - | - |

TABLE 1. CONTINUED POND NUMBER: 8 (SMALL CENTRAL POND) NUMBER OF BOTTLE TRAPS = 3 LOCATION: ROCKSAVAGE

| Survey method | Date Set | Date read | GCN | SN | PN | CF | CFT | CT | CTT | Fish |
|---------------|-------------------------|-------------------------|----------------|----|----|----|-----|----|-----|------|
| Bottle trap | 10 th May 07 | 11 th May 07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 13 th May 07 | 14 th May 07 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 14 th May 07 | 15 th May 07 | 1 (f) | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 30 th May 07 | 31 st May 07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 31 st May 07 | 1 st June 07 | 1 (f) | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 1 st June 07 | 2 nd June 07 | 1 (f) 1 (m) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egg search | All dates | All dates | Present | 0 | | - | - | - | - | - |

KEY: - GCN = Great Crested Newt, SN = Smooth Newt, PN = Palmate Newt, CF = Common Frog, CFT = Common Frog tadpole, CT = Common Toad, CTT = Common Toad tadpole.

TABLE 1 CONTINUED POND NUMBER: 9 (SMALL PONDS WEST) NUMBER OF BOTTLE TRAPS = 3 LOCATION: ROCKSAVAGE

| Survey method | Date Set | Date read | GCN | SN | PN | CF | CFT | CT | CTT | Fish |
|---------------|-------------------------|-------------------------|-------|----|----|----|-----|----|-----|------|
| Bottle trap | 10 th May 07 | 11 th May 07 | 1 (m) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 13 th May 07 | 14 th May 07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 14 th May 07 | 15 th May 07 | 1 (m) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 30 th May 07 | 31 st May 07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 31 st May 07 | 1 st June 07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 1 st June 07 | 2 nd June 07 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egg search | All dates | All dates | 0 | 0 | | - | - | - | - | - |

TABLE 1. CONTINUED POND NUMBER: 10 NUMBER OF BOTTLE TRAPS = 17 LOCATION: ROCKSAVAGE

| Survey method | Date Set | Date read | GCN | SN | PN | CF | CFT | CT | CTT | Fish |
|---------------|-------------------------|-------------------------|-----------------|---------|----|----|-----|----|-----|------|
| Bottle trap | 10 th May 07 | 11 th May 07 | 2 (f), 2 (m) | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 13 th May 07 | 14 th May 07 | 3 (f) 1 (m) | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 14 th May 07 | 15 th May 07 | 2 (f) 2 (m) | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 30 th May 07 | 31 st May 07 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bottle trap | 31 st May 07 | 1 st June 07 | 2 (f) 2 (m) | 3 | 0 | 0 | 4 | 0 | 0 | 0 |
| Bottle trap | 1 st June 07 | 2 nd June 07 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egg search | All dates | All dates | Present | Present | | - | - | - | - | - |

KEY: - GCN = Great Crested Newt, SN = Smooth Newt, PN = Palmate Newt, CF = Common Frog, CFT = Common Frog tadpole, CT = Common Toad, CTT = Common Toad tadpole.