

FISH COLLECTION FORM (ELECTROFISHING & SPOTLIGHTING) – Wadeable Streams/Rivers

Reviewed by (Initials)_____

Team members: <u>Luke Quinn</u> <u>Ono Wern</u>	Lat/Long (GPS bottom): <u>37°48'56.2"S</u> <u>175°19'24.8"E</u>	Site ID <u>Waikato Tributary - 7B</u>	Date <u>8</u> / <u>11</u> / <u>2017</u>	Page <u>1</u> of <u>2</u>
Lat/Long (GPS top): <u>37°48'54.7"S</u> <u>175°19'18.3"E</u>	☐ not fished other ☒ fished none collected ☐ fished all 10 subreaches ☒ fished 5-9 subreaches ☐ fished <5 subreaches 1 flag for fished/not fished			

Fish sample ID _____	Total shock (button) time (min) <u>1.5</u>	Fishing time start <u>1.0.1.0</u> finish <u>1.0.5.0</u>	Sample distance (m) <u>150m</u>	Area Fished (m²) <u>76</u>
----------------------	--	---	---------------------------------	----------------------------

Sampling gear ☐ spotlight ☒ EFM ☒ netting	net type	<u>g-murrow</u>	net No.	<u>3</u>	Water visibility ☒ good ☐ average ☐ poor	Water temp. (°C) <u>13.2</u> Cond (uS) <u>6.6</u>
	net type	<u>g-murrow</u>	net No.	<u>3</u>		

EFM Volts (x100) 2 **Spotlight** (watts) **Pulse Rate** (pps or Hz) 70 **EFM Pulse Width (ms)** 0.2 **EFM anode** ☐ big ☒ small **DO** 10.8 mg/L 98.3 %

[illegible]

Flag	Comment	Flag	Comment
1	Reach D not fished due to access, total unfished = 7.5m ²		No fish in e/fish survey.
			No fish in g-minnow traps.
			One st eel observed in last pool.

Flag codes: K = No measurement made, U = Suspect measurement, F1,F2, etc. = flags assigned by each field crew. Explain all flags in commentx. LENGTH* - Enter single fish as minimum.

0.5

FISH COLLECTION FORM (ELECTROFISHING & SPOTLIGHTING) – Wadeable Streams/Rivers

Reviewed by (Initials)_____

Team members: <u>LG, DU.</u> 	Lat/Long (GPS bottom): <u>37°49'38.7"S</u> <u>175°19'33.3"E</u> Lat/Long (GPS top): <u>37°49'36.0"S</u> <u>175°19'31.5"E</u>	Site ID <u>Waikato River tributary - 9</u> Date <u>9</u> / <u>11</u> / <u>2017</u> Page <u>1</u> of <u>2</u> ☐ not fished other ☐ fished none collected ☐ fished all 10 subreaches ☒ fished 5-9 subreaches ☐ fished <5 subreaches 1 flag for fished/not fished
--	---	--

Fish sample ID _____	Total shock (button) time (min) _____	Fishing time start <u>1.3.25</u> finish <u>1.3.50</u>	Sample distance (m) <u>100m</u>	Area Fished (m ²) <u>75</u>
----------------------	---------------------------------------	---	---------------------------------	---

Sampling gear ☐ spotlight ☒ EFM ☒ netting net type g-minnow net No. 2

net type _____ net No. _____

Water visibility ☒ good ☐ average ☐ poor Water temp. (°C) 18.3 Cond (uS) 46.5

EFM	Volts (x100) <u>2.3</u>	Spotlight (watts) <u> </u>	Pulse Rate (pps or Hz) <u>7.0</u>	EFM Pulse Width (ms) <u>0.2</u>	EFM anode ☐ big ☒ small	DO <u>9.3</u> mg/L <u>94.0</u> %
------------	-------------------------	-------------------------------	-----------------------------------	---------------------------------	--	----------------------------------

[illegible]

Flag	Comment	Flag	Comment
1	G-J reaches not fished due to muddy substrate across entire upper reach. total area = $\sqrt{30m^2}$.		10 m reach lengths fished only.

Flag codes: K = No measurement made, U = Suspect measurement., F1,F2, etc. = flags assigned by each field crew. Explain all flags in commentx. LENGTH* - Enter single fish as minimum.

FISH COLLECTION FORM (ELECTROFISHING & SPOTLIGHTING) – Wadeable Streams/Rivers

Reviewed by (Initials)_____

Team members: <u>LG, DU</u>	Lat/Long (GPS bottom): <u>37°49'04.4"S</u> <u>175°19'30.12"E</u>	Site ID <u>Waihato River Trib - Site 11</u>	Date <u>8, 11, 2017</u>	Page <u>1</u> of <u>2</u>
	Lat/Long (GPS top): <u>37°49'20.8"S</u> <u>175°19'27.7"E</u>	☐ not fished other ☐ fished none collected ☐ fished all 10 subreaches ☒ fished 5-9 subreaches ☐ fished <5 subreaches ☐ flag for fished/not fished		

Fish sample ID	Total shock (button) time (min)	Fishing time start	finish	Sample distance (m)	Area Fished (m ²)
	35	1.1.3.0	1.2.5.5	150	120

Sampling gear ☐ spotlight ☒ EFM ☐ netting net type g-minnow net No. 5
net type 2' dip net net No. 2

Water visibility ☒ good ☐ average ☐ poor Water (°C) 15.1 Cond (uS) 250

EFM Volts (x100) 2 **Spotlight** (watts) **Pulse Rate** (pps or Hz) 7.0 **EFM Pulse Width (ms)** 0.2 **EFM anode** ☐ big ☒ small **DO** 10.1 mg/L 100.3 %

[illegible]

Flag	Comment	Flag	Comment
2	A reach 50% fished due to access issues. Area unfished = $12m^2$		Flayke net set in top of reach had 1x S/H eel.
	D reach 75% unfished due to access issues. Area unfished = $7.5m^2$.		

Flag codes: K = No measurement made, U = Suspect measurement., F1,F2, etc. = flags assigned by each field crew. Explain all flags in commentx. LENGTH* - Enter single fish as minimum.

[illegible]