

Table E1. List of 25 watercourse assessment points in the PDA

Watercourse ID	Watercourse Type	Latitude	Longitude
WF07	Intermittent	45.495454	-62.1844
WF08	Large Permanent	45.484744	-62.18554
WF12	Intermittent	45.475726	-62.254808
WF13	Large Permanent	45.467983	-62.253858
WF17	Intermittent	45.466563	-62.246255
WF18	Intermittent	45.475516	-62.225592
WF19	Small Permanent	45.475407	-62.229441
WF20	Small Permanent	45.477317	-62.210898
WF24	Intermittent	45.470308	-62.215722
WF25	Small Permanent	45.471341	-62.216037
WF26	Intermittent	45.474315	-62.213337
WF27	Small Permanent	45.450479	-62.2227
WF29	Intermittent	45.484628	-62.186469
WF30	Small Permanent	45.471608	-62.253839
WF32	Intermittent	45.514771	-62.195395
WF34	Intermittent	45.495727	-62.186159
WF35	Ephemeral	45.46528	-62.233789
WF37	Intermittent	45.467158	-62.254
WF38	Intermittent	45.468457	-62.251674
WF39	Intermittent	45.468753	-62.25077
WF44	Ephemeral	45.470369	-62.236565
WF46	Ephemeral	45.477387	-62.211419
WF59	Intermittent	45.469275	-62.215488
WF60	Intermittent	45.472652	-62.214472
WF61	Intermittent	45.454952	-62.226211

Table E2. List of all 62 watercourse assessment points within the Study Area

Watercourse ID	Watercourse Type	Latitude	Longitude
WF01	Small Permanent	45.467184	-62.281497
WF02	Large Permanent	45.469094	-62.272382
WF04	Small Permanent	45.466746	-62.27347
WF05	Small Permanent	45.466115	-62.269744
WF06	Small Permanent	45.466146	-62.267903
WF07	Intermittent	45.465252	-62.267388
WF08	Large Permanent	45.495454	-62.1844
WF08	Large Permanent	45.484744	-62.18554
WF09	Intermittent	45.468267	-62.247041
WF10	Intermittent	45.468654	-62.246442
WF11	Intermittent	45.468777	-62.247034
WF12	Intermittent	45.475726	-62.254808
WF13	Large Permanent	45.467983	-62.253858
WF14	Intermittent	45.463665	-62.260441
WF15	Large Permanent	45.463486	-62.254341
WF15	Large Permanent	45.464874	-62.252054
WF16	Small Permanent	45.466563	-62.246255
WF17	Intermittent	45.475516	-62.225592
WF18	Intermittent	45.475407	-62.229441
WF19	Small Permanent	45.477317	-62.210898
WF20	Small Permanent	45.466966	-62.194429
WF21	Small Permanent	45.479746	-62.214525
WF22	Intermittent	45.450836	-62.252928
WF23	Small Permanent	45.470308	-62.215722
WF24	Intermittent	45.471341	-62.216037
WF25	Small Permanent	45.474315	-62.213337
WF26	Intermittent	45.450479	-62.2227
WF27	Small Permanent	45.461906	-62.190545
WF28	Small Permanent	45.484628	-62.186469
WF29	Intermittent	45.471608	-62.253839
WF30	Small Permanent	45.462328	-62.2808
WF31	Intermittent	45.514771	-62.195395
WF32	Intermittent	45.468002	-62.272525
WF33	Ephemeral	45.495727	-62.186159
WF34	Intermittent	45.46528	-62.233789
WF35	Ephemeral	45.466123	-62.255481
WF36	Intermittent	45.467158	-62.254
WF37	Intermittent	45.468457	-62.251674
WF38	Intermittent	45.468753	-62.25077
WF39	Intermittent	45.463495	-62.255904
WF40	Intermittent	45.464984	-62.251448
WF41	Ephemeral	45.466762	-62.24607

Table E2. List of all 62 watercourse assessment points within the Study Area

Watercourse ID	Watercourse Type	Latitude	Longitude
WF42	Intermittent	45.464763	-62.242072
WF43	Large Permanent	45.470369	-62.236565
WF44	Ephemeral	45.467004	-62.234382
WF46	Ephemeral	45.477387	-62.211419
WF47	Ephemeral	45.478004	-62.213246
WF48	Ephemeral	45.478222	-62.213414
WF49	Ephemeral	45.465907	-62.196387
WF50	Ephemeral	45.466747	-62.197624
WF51	Ephemeral	45.468031	-62.198684
WF52	Ephemeral	45.469695	-62.200361
WF53	Ephemeral	45.471753	-62.202365
WF54	No Channel	45.473845	-62.204451
WF55	Intermittent	45.450773	-62.252344
WF56	Ephemeral	45.451328	-62.249808
WF57	Intermittent	45.460949	-62.206544
WF58	Ephemeral	45.462502	-62.208543
WF59	Intermittent	45.469275	-62.215488
WF60	Intermittent	45.472652	-62.214472
WF61	Intermittent	45.454952	-62.226211
WF62	Intermittent	45.459436	-62.235705

Table E3. Dominant substrate types in assessed watercourses in the PDA by watercourse type

Watercourse Type	Dominant Substrate Types (# of watercourses)							Total by Watercourse Type
	Bedrock	Boulder	Rubble	Cobble	Gravel	Sand	Fines	
Large Permanent	0	1	0	0	0	0	0	1
Small Permanent	0	0	1	1	1	2	1	6
Intermittent	0	1	0	0	4	2	7	14
Ephemeral	0	0	0	0	0	0	3	3
*Total	0	2	1	1	5	4	11	24

**Substrate could not be confirmed at one location due to water being frozen.*

Table E4. Dominant cover types in assessed watercourses in the PDA by watercourse type

Watercourse Type	Dominant Cover Types (frequency of dominant ratings)							Total by Watercourse Type
	Boulder	Overhanging Vegetation	Large Woody Debris	Small Woody Debris	Deep Pools	Undercut Banks	Instream Vegetation	
Large Permanent	1	0	0	0	0	0	0	1
Small Permanent	0	4	0	1	1	0	0	6
Intermittent	1	9	1	2	1	0	3	17
Ephemeral	0	1	0	1	0	0	1	3
Total*	0	14	1	4	2	0	4	25

**Totals reflect the frequency of that cover type having a dominant rating. Some locations had two co-dominant cover types, in which both are included in this table.*

**Two assessments did not have a clear indication of a dominant cover type, and were not included in this table.*

Table E5. Overall fish habitat ratings at assessed watercourses in the PDA by watercourse type

Watercourse Type	Overall Fish Habitat Quality (# of watercourses)						Total by Watercourse Type
	Good	Moderate-Good	Moderate	Poor-Moderate	Poor	None	
Large Permanent	1	0	0	0	0	0	1
Small Permanent	1	0	1	1	3	0	6
Intermittent	0	0	0	1	14	0	15
Ephemeral	0	0	0	0	3	0	3
Total	2	0	1	2	20	0	25

Table E6. Water quality readings at assessed watercourses in the PDA

Watercourse ID	Date	Temperature (°C)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (%)	Conductivity (µS/cm)	SPC (µS/cm)	TDS (mg/L)	pH
WF07	7/11/2024	13.5	7.8	76.8	-	31.1	20.2	5.4
WF07	8/13/2024	15.3	3.6	39.6	50.4	61.9	40.3	6.1
WF08	7/12/2024	19.6	7.6	83.5	-	29.5	19.2	5.6
WF08	8/13/2024	19.7	8.1	88.3	35.6	39.6	26.0	7.0
WF12	12/17/2024	1.2	7.0	49.6	25.8	47.5	38.9	4.9
WF13	12/17/2024	2	11.8	85.8	20.0	36.1	23.4	5.3
WF17	12/18/2026	1.9	13.2	95.2	20.1	36.1	23.5	5.7
WF18	12/19/2024	2.2	10.5	76.2	20.6	36.4	23.6	5.4
WF19	12/19/2024	1.8	12.5	89.7	24.8	44.7	29.0	5.8
WF20	12/20/2024	0.2	10.3	70.8	21.2	40.3	26.1	5.0
WF24	5/7/2025	7.3	11.0	91.0	15.9	24.1	15.6	4.9
WF25	5/7/2025	7.2	12.4	102.6	25.5	38.5	24.7	5.7
WF26	5/7/2025	9.9	10.2	90.0	25.0	35.1	22.8	6.1
WF27	5/7/2025	11.3	10.4	94.3	18.5	20.9	14.3	5.0
WF29	11/24/2025	3.6	12.6	96.1	25.4	42.9	28.0	7.9
WF30	11/29/2025	4.5	7.8	60.6	34.8	57.2	37.1	4.7
WF32	7/9/2024	9.9	5.7	51.0	-	27.0	17.6	5.7
WF34	7/10/2024	17.2	2.6	27.7	-	40.8	26.5	3.9
WF34	11/24/2025	5.4	10.8	85.3	26.9	43.0	28.0	5.1
WF39	12/17/2024	0.5	11.5	79.7	19.2	36.0	23.5	5.0
WF45	12/19/2024	2.2	7.1	51.8	20.6	36.5	23.7	4.9
WF46	12/20/2024	0.9	9.9	69.5	19.3	37.8	23.2	5.4
WF59	5/7/2025	6.9	17.1	58.0	20.0	30.7	20.2	4.9
WF60	5/7/2025	8.9	8.4	71.3	27.1	39.2	25.4	5.6
WF61	5/7/2025	10.1	8.8	78.4	18.2	25.5	16.3	5.4

Table E7. Dominant substrate types in assessed watercourses within the Study Area outside the PDA by watercourse type

Watercourse Type	Dominant Substrate Types (# of watercourses)							Total by Watercourse Type
	Bedrock	Boulder	Rubble	Cobble	Gravel	Sand	Fines	
Large Permanent	0	0	0	2	1	1	0	4
Small Permanent	1	0	1	0	4	1	1	8
Intermittent	0	2	1	0	3	0	7	13
Ephemeral	0	0	0	0	2	1	6	9
No Channel	0	0	0	0	0	0	1	1
*Total	1	2	2	2	10	3	15	35

**Substrates composition not recorded in 3 ephemeral channels*

**One location had two equally dominant substrate types, in which both are recorded in this table*

Table E8. Dominant cover types in assessed watercourses within the Study Area outside the PDA by watercourse type

Watercourse Type	Dominant Cover Types (frequency of dominant ratings)							Total by Watercourse Type
	Boulder	Overhanging Vegetation	Large Woody Debris	Small Woody Debris	Deep Pools	Undercut Banks	Instream Vegetation	
Large Permanent	0	3	0	0	1	0	1	5
Small Permanent	0	5	2	3	0	2	2	14
Intermittent	2	5	1	1	0	1	8	18
Ephemeral	0	4	0	1	0	0	5	10
Total*	0	17	3	5	1	3	16	45

**Totals reflect the frequency of that cover type having a dominant rating. Some locations had multiple co-dominant cover types, in which all are included in this table.*

**Four assessments did not have a clear indication of a dominant cover type, and were not included in this table.*

Table E9. Overall fish habitat ratings at assessed watercourses within the Study Area outside the PDA by watercourse type

Watercourse Type	Overall Fish Habitat Quality (# of watercourses)						Total by Watercourse Type
	Good	Moderate-Good	Moderate	Poor-Moderate	Poor	None	
Large Permanent	1	0	1	1	0	0	3
Small Permanent	0	0	3	0	5	0	8
Intermittent	0	0	0	0	13	0	13
Ephemeral	0	0	0	0	12	0	12
Total	1	0	4	1	30	0	36

Table E10. Water quality readings at assessed watercourses within the Study Area outside the PDA

Watercourse ID	Date	Temperature (°C)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (%)	Conductivity (µS/cm)	SPC (µS/cm)	TDS (mg/L)	pH
WF01	7/9/2024	15.9	0.1	1.1	22.4	27.0	17.6	5.5
WF02	7/10/2024	16.5	0.0	0.3	20.6	24.6	16.3	6.6
WF03	7/10/2024	17.6	2.4	25.2	25.9	30.1	19.5	6.5
WF04	7/10/2024	18.0	0.7	6.9	85.3	98.5	63.7	6.5
WF05	7/11/2025	17.5	2.0	20.6	34.2	39.9	26.0	6.2
WF06	7/11/2024	18.3	0.1	0.5	36.4	41.6	26.7	6.3
WF09	12/16/2024	1.0	10.2	71.1	20.4	37.9	24.7	5.0
WF10	12/16/2024	2.8	9.4	69.8	22.5	39.0	25.4	5.4
WF11	12/16/2025	0.6	12.9	90.0	19.2	35.9	23.3	5.3
WF14	12/18/2024	1.2	70.1	9.9	22.2	40.7	26.4	5.4
WF15	12/18/2026	1.9	13.8	99.3	20.5	36.6	23.8	5.7
WF15	12/18/2026	1.9	13.8	99.3	20.5	36.6	23.8	5.7
WF16	12/18/2026	2.2	14.0	101.6	20.6	36.6	23.8	5.7
WF16	12/18/2026	2.2	14.0	101.6	20.6	36.6	23.8	5.7
WF21	5/5/2025	9.2	11.3	98.3	19.5	27.9	18.2	5.7
WF22	5/5/2025	13.1	10.8	102.3	20.4	26.5	16.9	5.8
WF23	5/6/2025	12.2	12.7	118.5	19.1	25.3	16.3	5.9
WF28	5/8/2025	11.1	12.9	117.7	19.6	26.7	17.6	5.8
WF31	7/8/2024	16.1	2.3	23.4	21.1	25.2	16.3	6.6
WF36	12/17/2024	0.4	11.5	79.3	19.8	37.2	24.2	5.3
WF40	12/18/2024	1.9	12.7	91.3	20.2	36.1	23.5	5.6
WF41	12/18/2026	3.2	7.7	58.5	23.7	40.6	26.4	5.4
WF42	12/18/2026	2.8	12.6	92.1	22.8	40.0	26.0	5.7
WF43	12/18/2026	1.0	12.6	89.2	21.3	39.2	25.5	5.3
WF52	5/5/2025	9.9	4.0	34.0	20.7	29.1	18.9	4.9
WF53	5/5/2025	10.2	9.3	81.0	19.4	25.6	16.9	4.9
WF54	5/5/2025	16.2	10.0	92.1	23.9	28.3	18.2	5.4
WF55	5/6/2025	11.8	8.4	77.4	20.1	26.1	16.9	5.6
WF56	5/6/2025	12.1	8.4	77.9	20.7	27.5	17.6	5.8
WF57	5/7/2025	8.0	5.4	45.5	20.5	30.3	19.5	5.1
WF58	5/7/2025	8.0	5.7	48.2	21.0	31.1	20.2	5.0
WF62	5/8/2025	8.8	8.3	71.4	17.8	25.8	16.9	5.1