N

LEGEND

- CLEAN WATER DIVERSIONS (CWB)
- EXISTING CLEAN WATER DIVERSIONS (Ex. CWB)
- DIRTY WATER DIVERSIONS (DWB)
- TRAFFICABLE CONTOUR BUND (TCB)
- HAUL ROAD
- SILT FENCE
- SILT CURTAIN
- INFILTRATION BASIN
- SPILLWAY
- STABILISED CONSTRUCTION ENTRANCE
- GENERALISED OVERLAND FLOW DIRECTION

NOTES

1. THIS PLAN IS TO BE VIEWED AND IMPLEMENTED IN CONJUNCTION WITH THE ASSOCIATED ENVIRONMENTAL MANAGEMENT PLAN (EMP) FOR THE PROJECT.
2. ESC LOCATIONS AND/OR ALIGNMENTS ARE INDICATIVE ONLY, WITH EXACT PLACEMENT TO BE CONFIRMED VIA DETAILED DESIGN AND IN COLLABORATION WITH THE SQEP/ENVIRONMENTAL CONSULTANT.
3. ESCs ARE TO BE INSPECTED DAILY, PRIOR TO AND FOLLOWING RAIN EVENTS. ANY REQUIRED MAINTENANCE SHOULD BE SCHEDULED ASAP.
4. A GEOTECHNICAL ENGINEER SHOULD BE CONSULTED IN RELATION TO LARGER ESCs THAT MIGHT HAVE A RISK OF INSTABILITY OR FAILURE, SUCH AS INFILTRATION BASINS.

LUGGATE - CROMWELL ROAD (SH6)

AREA 6 2.3921 ha
AREA 7 5.6899 ha
AREA 9 3.5684 ha
AREA 8 5.3405 ha
AREA 4c
AREA 4b
AREA 4 20.7885 ha
AREA 4a
AREA 5 9.7066 ha
CULVERT
REMEDIATION AREA R1 9.0082 ha
REFER TO SHEET 114_06 FOR DETAILS OF EROSION AND SEDIMENT CONTROLS
REFER TO SHEET 114_07 FOR DETAILS OF EROSION AND SEDIMENT CONTROLS
REMEDIATION AREA R2 8.1800 ha
REFER TO SHEET 114_06 FOR DETAILS OF EROSION AND SEDIMENT CONTROLS
CYCLE TRACK
AREA 1 17.5624 ha
REFER TO SHEET 114_03 FOR DETAILS OF EROSION AND SEDIMENT CONTROLS
AREA 2 15.3967 ha
REFER TO SHEET 114_04 FOR DETAILS OF EROSION AND SEDIMENT CONTROLS
AREA 3 20.0752 ha
REFER TO SHEET 114_05 FOR DETAILS OF EROSION AND SEDIMENT CONTROLS
LAKE DUNSTAN (TE WAIRERE)

0 100 200 300 400 500
1:5000 Scale Bar

ISSUED FOR CONSENT

Folder Location: c:\12d5\data\SERVER2008R2\24113-Parkburn concept_6168\12d\24113 Bulk Earthworks Staging.12dmodel Project: 24113 Bulk Earthworks Staging Plotted: 25/09/26 10.07

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EROSION AND SEDIMENT CONTROL - OVERVIEW - EXISTING GROUND

PARKBURN DEVELOPMENT PROJECT

922 LUGGATE - CROMWELL ROAD

Rev.	Date	Revision Details	By
A	09 2026	EWK Area Interface linework added	KA

Designed: WN	Date: 04 2026	Job No.: 24113	Drawing No.: 114_01
Drawn: KA	Date: 05 2026	Scale: 1:5000 @ A3	
Checked: NKA	Date: 06 2026	Datum & Level: LP2000 & NZVD16	Rev.: A

LEGEND

- Site Boundary
- 1 Possible Primary School
- 2 Neighbourhood Centre and Preschool
- 3 Lakeside Park

N

NOTES

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4. A GEOTECHNICAL ENGINEER SHOULD BE CONSULTED IN RELATION TO LARGER ESCs THAT MIGHT HAVE A RISK OF INSTABILITY OR FAILURE, SUCH AS INFILTRATION BASINS.

LUGGATE - CROMWELL ROAD (SH6)

LUGGATE - CROMWELL ROAD (SH6)

AREA 1
17.5624 ha

AREA 2
15.3967 ha

AREA 3
20.0752 ha

AREA 4
20.7885 ha

AREA 4a

AREA 4b

AREA 4c

AREA 5
9.7066 ha

AREA 6
2.3921 ha

AREA 7
5.6899 ha

AREA 8
5.3405 ha

AREA 9
3.5684 ha

REMEDIATION AREA R1
9.0082 ha

REMEDIATION AREA R2
8.1800 ha

REFER TO SHEET 114_03 FOR DETAILS OF EROSION AND SEDIMENT CONTROLS

REFER TO SHEET 114_04 FOR DETAILS OF EROSION AND SEDIMENT CONTROLS

REFER TO SHEET 114_05 FOR DETAILS OF EROSION AND SEDIMENT CONTROLS

REFER TO SHEET 114_06 FOR DETAILS OF EROSION AND SEDIMENT CONTROLS

REFER TO SHEET 114_06 FOR DETAILS OF EROSION AND SEDIMENT CONTROLS

REFER TO SHEET 114_07 FOR DETAILS OF EROSION AND SEDIMENT CONTROLS

CYCLE TRACK

LAKE DUNSTAN (TE WAIRERE)

LAKE DUNSTAN (TE WAIWERE)

PONY COURT

MISSY CRESCENT

PEGASUS COURT

ARION COURT

0 100 200 300 400 500
1:5000 Scale Bar

ISSUED FOR CONSENT

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EROSION AND SEDIMENT CONTROL - OVERVIEW - DESIGN SURFACE

PARKBURN DEVELOPMENT PROJECT

922 LUGGATE - CROMWELL ROAD

Rev.	Date	Revision Details	By
A	09 2026	EWK Area Interface linework added	KA

Designed: WN	Date: 04 2026	Job No.: 24113	Drawing No.: 114_02
Drawn: KA	Date: 05 2026	Scale: 1:5000 @ A3	
Checked: NKA	Date: 06 2026	Datum & Level: LP2000 & NZVD16	Rev.: A

AREA 1: EXISTING GROUND SURFACE

AREA 1: FINISHED DESIGN SURFACE

N

0 100 200 metres
1:4500 Scale Bar

LEGEND

- CWB — CLEAN WATER DIVERSIONS
- Ex. CWB — EXISTING CLEAN WATER DIVERSIONS
- DWB — DIRTY WATER DIVERSIONS
- TCB — TRAFFICABLE CONTOUR BUND
- HAUL ROAD
- SILT FENCE
- SILT CURTAIN
- INFILTRATION BASIN
- SPILLWAY
- STABILISED CONSTRUCTION ENTRANCE
- GENERALISED OVERLAND FLOW DIRECTION

LUGGATE - CROMWELL ROAD (SH6)

AREA 6
2.3921 ha

AREA 4c

AREA 4b

AREA 4
20.7885 ha

AREA 4a

AREA 1
17.5624 ha

AREA 2
15.3967 ha

EXTEND CWB TO HERE WHEN BUND IS REMOVED

RETAIN BUND UNTIL END OF AREA 4a WORKS

INSTALL DWB BEFORE BUND IS REMOVED

RETAIN BUND UNTIL AREA 1 IS AT EQUIVALENT LEVEL

IB4 CATCHMENT
4.63 ha

IB5 CATCHMENT
6.03 ha

IB1 CATCHMENT
1.81 ha

IB2 CATCHMENT
4.41 ha

31.0947 ha

IB3 CATCHMENT
14.04 ha

IB4

IB5

IB1

IB2

IB3

INDICATIVE FUTURE LOCATION OF BATTER SLOPES AND/OR BENCHING TO BE PROVIDED AT INTERFACE WITH AREA 2 TO ENSURE SITE STABILITY AND MAINTAIN SAFE WORKING CONDITIONS

BATTER SLOPES AND/OR BENCHING TO BE PROVIDED AT INTERFACE WITH AREA 2 TO ENSURE SITE STABILITY AND MAINTAIN SAFE WORKING CONDITIONS

ISSUED FOR CONSENT

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EROSION AND SEDIMENT CONTROL - AREA 1

PARKBURN DEVELOPMENT PROJECT

922 LUGGATE - CROMWELL ROAD

Rev.	Date	Revision Details	By
A	09 2026	EWK Area Interface linework added	KA

Designed: WN	Date: 04 2026	Job No.: 24113	Drawing No.: 114_03
Drawn: KA	Date: 05 2026	Scale: 1:4500 @ A3	
Checked: NKA	Date: 06 2026	Datum & Level: LP2000 & NZVD16	Rev.: A

AREA 2: EXISTING GROUND SURFACE

AREA 2: FINISHED DESIGN SURFACE

LEGEND

- CLEAN WATER DIVERSIONS
- EXISTING CLEAN WATER DIVERSIONS
- DIRTY WATER DIVERSIONS
- TRAFFICABLE CONTOUR BUND
- HAUL ROAD
- SILT FENCE
- SILT CURTAIN
- INFILTRATION BASIN
- SPILLWAY
- STABILISED CONSTRUCTION ENTRANCE
- GENERALISED OVERLAND FLOW DIRECTION

LUGGATE - CROMWELL ROAD (SH6)

AREA 1 17.5624 ha
AREA 2 15.3967 ha
AREA 3 20.0752 ha
AREA 4 20.7885 ha
AREA 4a 13.42 ha
AREA 4a 31.0847 ha
AREA 4b 2.3117 ha
AREA 4c
AREA 5 9.7066 ha
AREA 7 5.6899 ha
2.3921 ha

IB6 CATCHMENT 8.96 ha
IB7 CATCHMENT 8.75 ha
IB8 CATCHMENT 2.11 ha

IB6
IB7
IB8

TRAFFICABLE BUND OR CULVERT TO ALLOW ACCESS TO SCE

GRASSED SWALE TO TIE INTO AREA 2 DWB

BATTER SLOPES AND/OR BENCHING TO BE PROVIDED AT INTERFACE WITH AREA 2 TO ENSURE SITE STABILITY AND MAINTAIN SAFE WORKING CONDITIONS

INDICATIVE FUTURE LOCATION OF BATTER SLOPES AND/OR BENCHING TO BE PROVIDED AT INTERFACE WITH AREA 3 TO ENSURE SITE STABILITY AND MAINTAIN SAFE WORKING CONDITIONS

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0 100 200 metres
1:4000 Scale Bar

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EROSION AND SEDIMENT CONTROL - AREA 2

PARKBURN DEVELOPMENT PROJECT

922 LUGGATE - CROMWELL ROAD

Rev.	Date	Revision Details	By
A	09 2026	EWK Area Interface linework added	KA

Designed	Date	Job No.	Drawing No.
WN	04 2026	24113	114_04
Drawn	Date	Scale	
KA	05 2026	1:4000 @ A3	
Checked	Date	Datum & Level	Rev.
NKA	06 2026	LP2000 & NZVD16	A