

**Job Title** Tinex Group  
**Site Address** 245 Te Puna Station Road  
**City** Te Puna  
**Job No.** 423022

**Page**  
**No of Pages**  
**Date** Oct 23  
**By** SB

TGA REV 2 - 07/07/2010



Existing Activity Area  
 Measured area from  
 cad

16000 sq m

Catchment East

9500 sq m

Catchment West

6500 sq m

**Stormwater Catchment Data**

**EXISTING RAINFALL SCENARIO - CURRENT SITE DISCHARGE**

**CATCHMENT EAST**

Existing Site Area = 9500 m<sup>2</sup>

Existing runoff coeff 0.5

Rainfall Intensities mm/hr HIRDS V4

Return	Duration (minutes)						
Period	10	20	30	60	120	360	720
10	93.0	72.5	61.7	45.4	32.2	17.3	11.1
50	133.0	103.0	87.7	64.2	45.3	24.1	15.5
100	152.0	118.0	100.0	73.0	51.4	27.3	17.4

**CATCHMENT WEST**

Existing Site Area = 6500 m<sup>2</sup>

Existing runoff coeff 0.5

Rainfall Intensities mm/hr HIRDS V4

Return	Duration (minutes)						
Period	10	20	30	60	120	360	720
10	93.0	72.5	61.7	45.4	32.2	17.3	11.1
50	133.0	103.0	87.7	64.2	45.3	24.1	15.5
100	152.0	118.0	100.0	73.0	51.4	27.3	17.4

Existing Site Discharge (Q = CIA) l/s

Return	Duration (minutes)						
Period	10	20	30	60	120	360	720
10	123	96	81	60	42	23	15
50	175	136	116	85	60	32	20
100	201	156	132	96	68	36	23

**EAST OF SITE ENTRY**

Existing Site Discharge (Q = CIA) l/s

Return	Duration (minutes)						
Period	10	20	30	60	120	360	720
10	84	65	56	41	29	16	10
50	120	93	79	58	41	22	14
100	137	107	90	66	46	25	16

**WEST OF SITE ENTRY**





**GENERAL**

- Boundaries have been obtained from LINZ Data Service and have not been verified.
- Areas and measurements are approximate and subject to survey.
- Appurtenant or proposed / existing easements in relation to the subject land may not have been shown if not required for compliance of this proposal.

**SERVICES**

- Services have been obtained from WBOPDC GIS and have not been ground verified

**SURVEY**

- Datum  
Horizontal datum: Bay of Plenty 2000  
Vertical datum: NZVD 2016  
Origin Mark: Te Puna Station - BDWU - 4th Order  
Source: LINZ Data Service

**SURFACES**

- Existing contour interval  
Major = 2.5m   
Minor = 0.5m
- Contours have been obtained from RECON Limited and have not been verified on ground.

No.	Date	By	Issue/Revision
C	17.10.22	MJP	S92 Response updated
B	12.10.22	MJP	S92 Response
A	07.10.20	MJH	DRAFT

**NOTES/KEY:**

	Vegetated earth bund
	Existing flow path
	Storm water flow direction

DRAWN:	MJH
CHECKED:	MJP
DESIGNED:	-
SURVEYED:	-
OFFICE:	TE PUKE
CONTACT:	07 573 7717

**TINEX GROUP LTD**  
**245 TE PUNA STATION ROAD**  
**TE PUNA**

**EXISTING SITE PLAN**  
**LOT 2 DP 22158**

**SERVICES NOTE**  
 WHERE EXISTING SERVICES ARE SHOWN, THEY ARE INDICATIVE ONLY AND MAY NOT INCLUDE ALL SITE SERVICES. STRATUM CONSULTANTS LTD DOES NOT WARRANT THAT ALL OR INDEED ANY SERVICES ARE SHOWN. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE AND PROTECT ALL EXISTING SERVICES PRIOR TO AND FOR THE DURATION OF THE CONTRACT WORKS.

ORIGINAL DWG. SIZE A3
SCALE: <b>1:2000</b>
DRAWING No. <b>423022-T-P-D001</b>
SHEET No. <b>00</b> ISSUE <b>C</b>