

Figure 6.16A Existing and Post-development Runoff Volume to Central Woodlot

MONTH	RUNOFF VOLUME									
	Ex. Avg. year		Ex. Dry Months		Ex. Wet Months		Fut. Mitigation (Avg)		Fut. No Mitigation (Avg)	
	mm	m ³	mm	m ³	mm	m ³	mm	m ³	mm	m ³
Jan	6	32	0	0	36	181	24	48	0	0.0
Feb	13	63	0	0	47	237	34	68	0	0.0
Mar	31	156	0	0	82	409	68	135	1	0.1
Apr	18	90	2.49	12	56	279	52	103	0	0.0
May	10	51	0	0	46	232	51	101	3	0.3
Jun	2	9	0	0	18	90	44	88	1	0.1
Jul	1	7	0	0	24	119	51	102	1	0.1
Aug	3	15	0	0	27	133	62	125	4	0.4
Sep	2	12	0	0	24	122	52	103	1	0.1
Oct	2	9	0	0	32	161	42	84	0	0.0
Nov	6	31	0	0	37	186	53	106	2	0.2
Dec	13	64	0	0	59	297	47	93	1	0.1

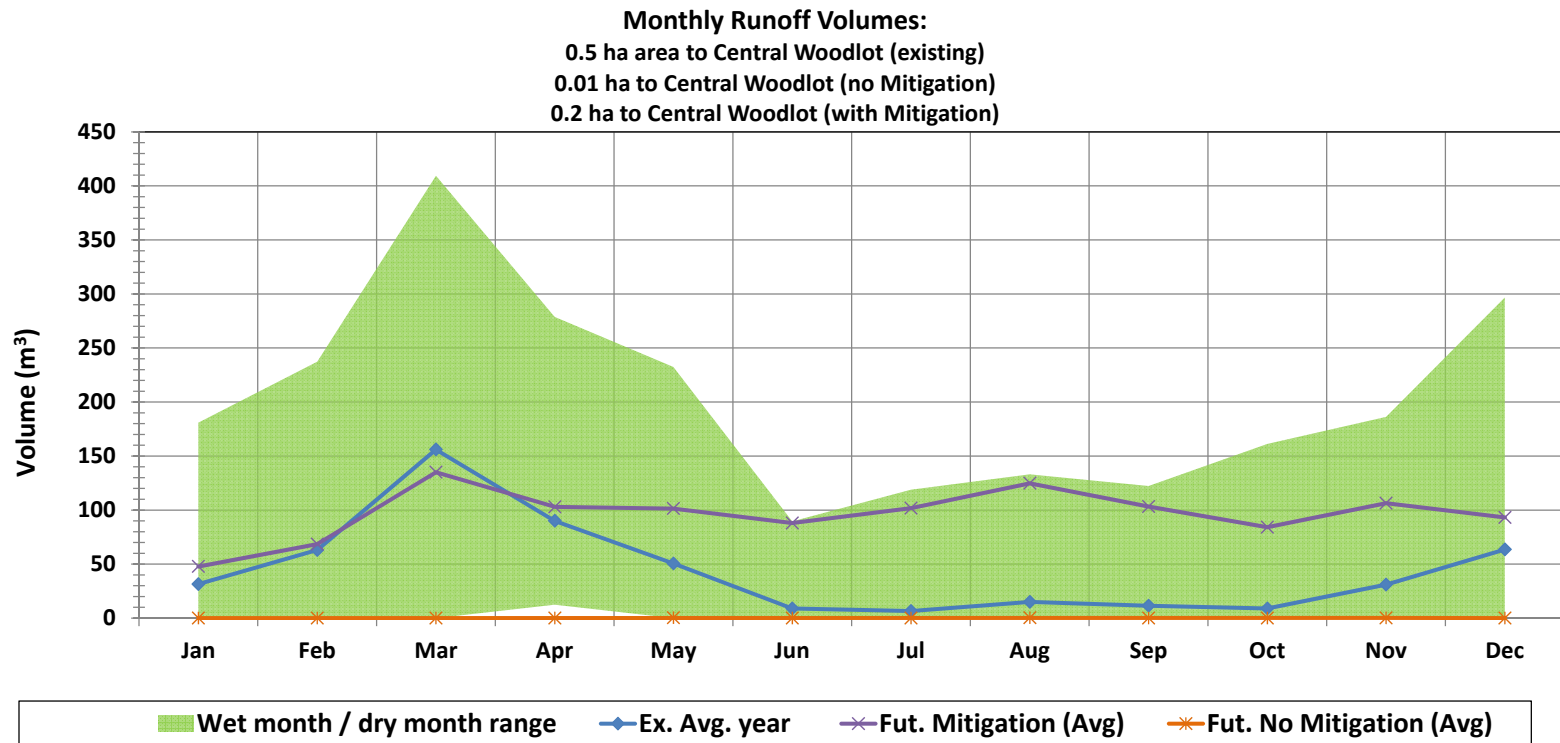


Figure 6.16B Existing and Post-development Runoff Volume to Bronte Creek Pond - East Inlet (B1)

MONTH	RUNOFF VOLUME									
	Ex. Avg. year		Ex. Dry Months		Ex. Wet Months		Fut. LID (Avg)		Fut. No Mitigation (Avg)	
	mm	m ³	mm	m ³	mm	m ³	mm	m ³	mm	m ³
Jan	13	1548	0	0	61	7277	14	331	15	350
Feb	31	3672	1	92	72	8646	31	754	25	598
Mar	58	6912	13	1577	116	13950	58	1399	53	1274
Apr	20	2448	5	628	57	6869	22	516	32	763
May	14	1656	0	0	53	6359	16	382	22	538
Jun	5	612	0	0	31	3764	8	190	12	295
Jul	5	612	0	30	32	3846	9	204	13	322
Aug	7	864	0	7	32	3898	11	266	18	430
Sep	6	708	0	0	28	3367	9	221	15	353
Oct	6	756	0	12	40	4784	9	216	12	290
Nov	13	1548	0	38	70	8418	16	382	20	468
Dec	23	2700	0	14	87	10454	24	581	26	612

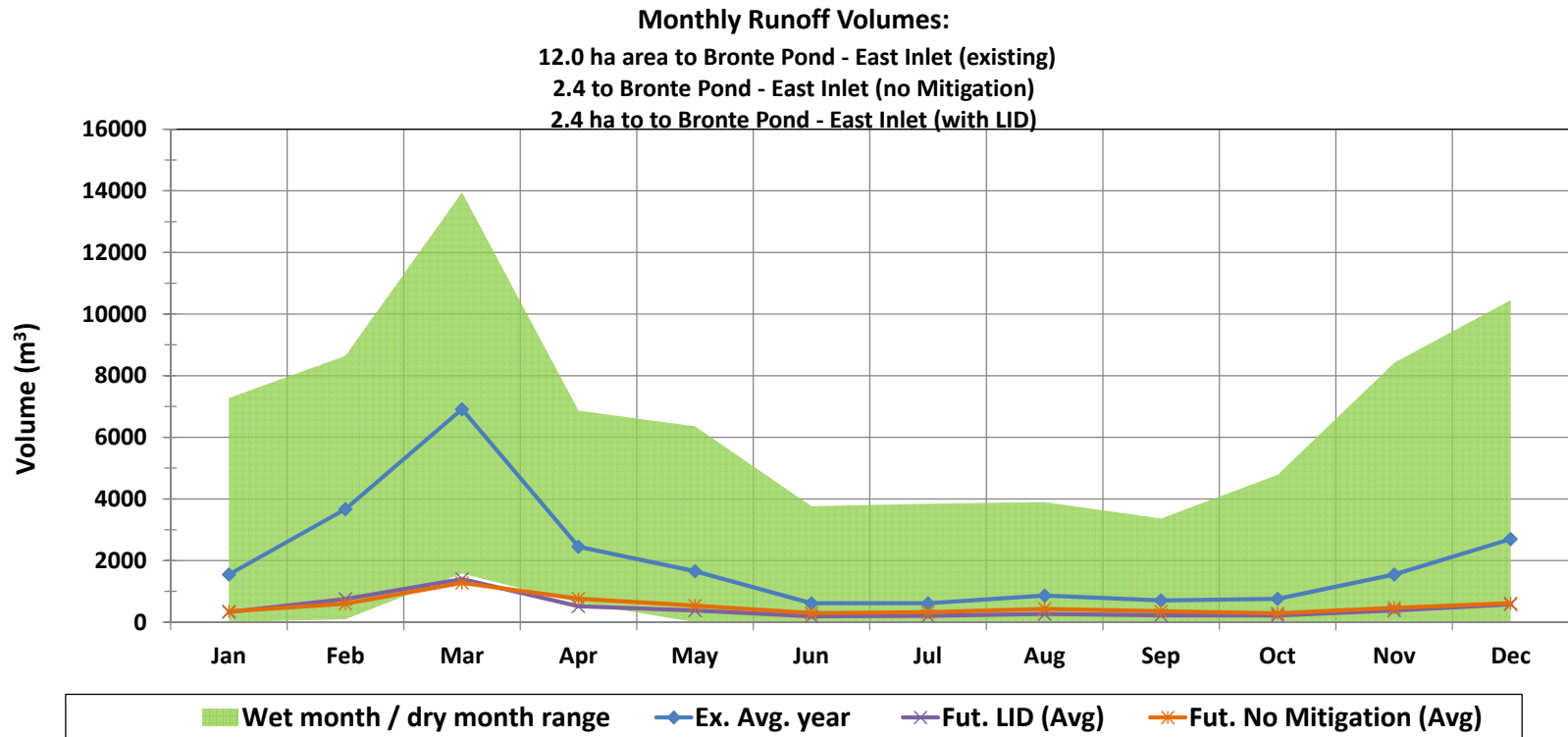


Figure 6.16C Existing and Post-development Runoff Volume to Bronte Creek Pond - North Inlet (B2)

MONTH	RUNOFF VOLUME									
	Ex. Avg. year		Ex. Dry Months		Ex. Wet Months		Fut. LID (Avg)		Fut. No Mitigation (Avg)	
	mm	m ³	mm	m ³	mm	m ³	mm	m ³	mm	m ³
Jan	14	759	0	0	60	3312	15	2190	20	3005
Feb	36	1953	1	34	71	3919	36	5466	33	5013
Mar	63	3482	13	706	116	6370	64	9649	68	10223
Apr	18	990	5	272	57	3140	19	2854	42	6267
May	13	704	0	0	53	2910	15	2205	30	4545
Jun	5	253	0	0	31	1728	7	1057	18	2673
Jul	4	242	0	14	32	1756	7	1117	20	2960
Aug	6	341	0	3	32	1781	10	1450	26	3896
Sep	5	281	0	0	28	1533	8	1193	21	3216
Oct	6	347	0	6	40	2186	9	1314	18	2643
Nov	13	732	0	16	70	3829	16	2386	27	4107
Dec	24	1320	0	6	86	4751	26	3851	34	5104

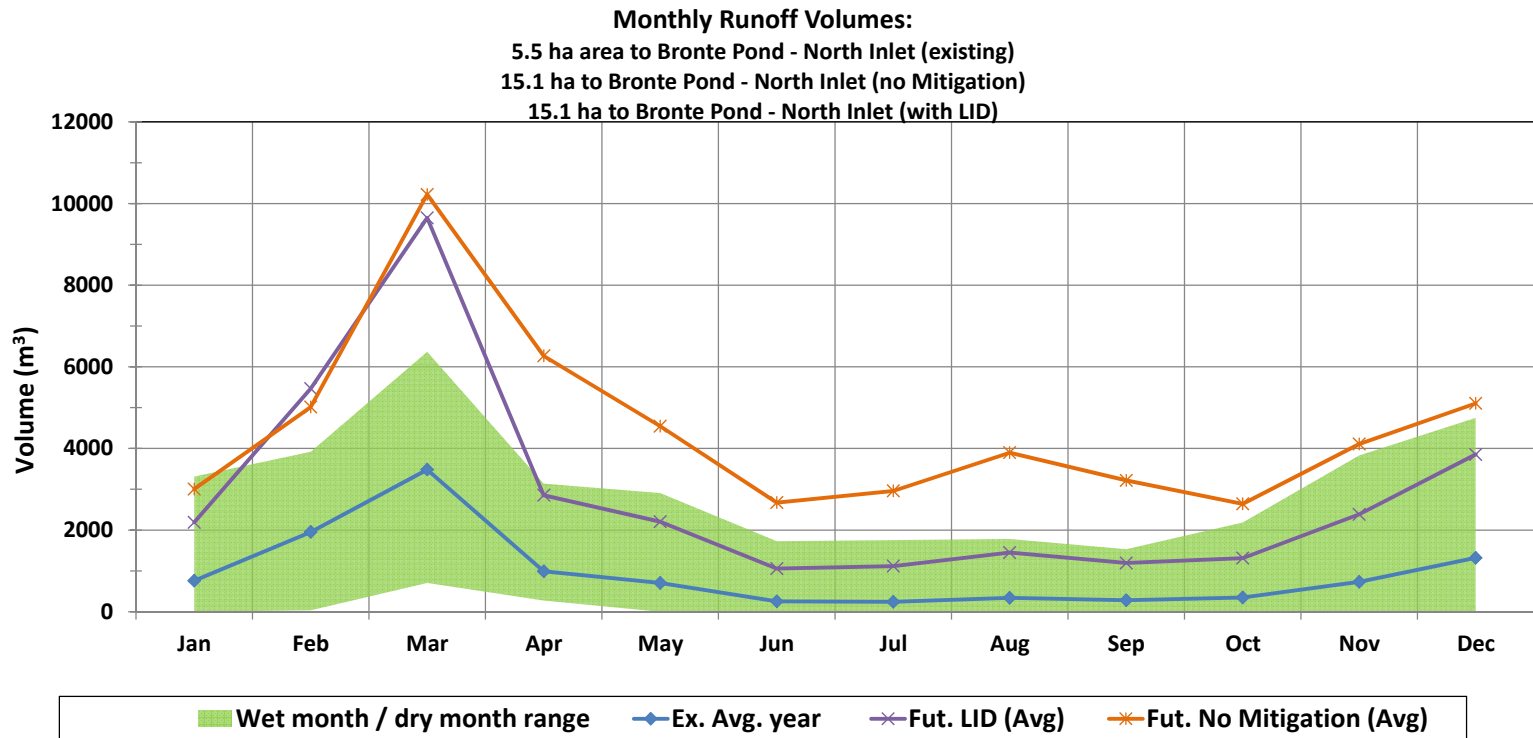


Figure 6.16D Existing and Post-development Runoff Volume to Bronte Creek Pond Outlet (B4)

MONTH	RUNOFF VOLUME									
	Ex. Avg. year		Ex. Dry Months		Ex. Wet Months		Fut. LID (Avg)		Fut. No Mitigation (Avg)	
	mm	m ³	mm	m ³	mm	m ³	mm	m ³	mm	m ³
Jan	14	4140	0	0	64	19320	15	4350	17	5220
Feb	36	10650	1	186	80	24096	36	10860	36	10920
Mar	63	18990	19	5760	123	36795	64	19170	68	20400
Apr	18	5400	4	1320	53	15855	19	5670	29	8820
May	13	3840	0	0	50	15036	15	4380	22	6480
Jun	5	1380	0	0	33	9909	7	2100	12	3450
Jul	4	1320	0	66	30	9033	7	2220	12	3720
Aug	6	1860	0	15	28	8340	10	2880	16	4920
Sep	5	1530	0	0	24	7200	8	2370	14	4050
Oct	6	1890	0	24	36	10830	9	2610	12	3720
Nov	13	3990	0	78	75	22440	16	4740	21	6300
Dec	24	7200	1	270	94	28095	26	7650	30	8970

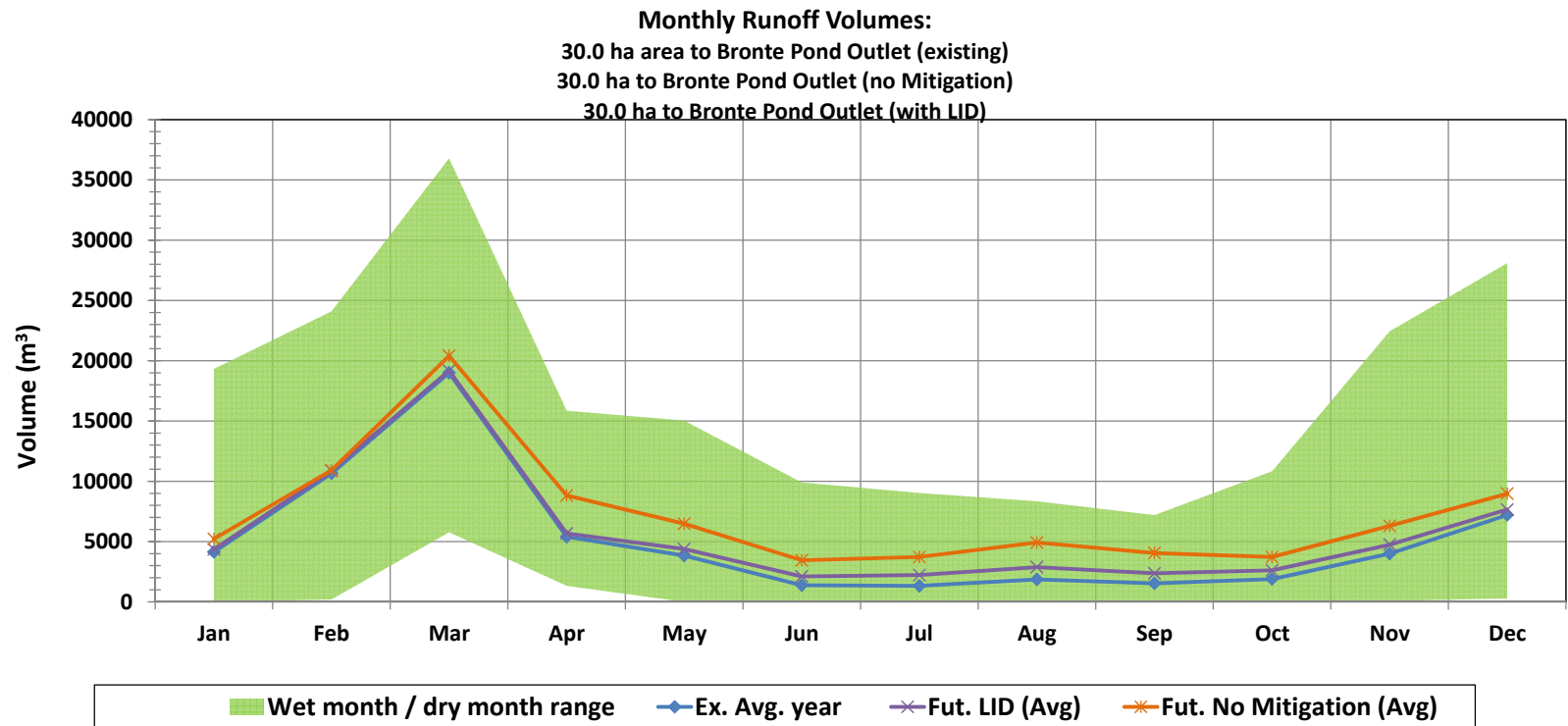


Figure 6.16E Existing and Post-development Runoff Volume to FM-T5

MONTH	RUNOFF VOLUME									
	Ex. Avg. year		Ex. Dry Months		Ex. Wet Months		Fut. LID (Avg)		Fut. No LID (Avg)	
	mm	m ³	mm	m ³	mm	m ³	mm	m ³	mm	m ³
Jan	16	1280	0	0	75	6028	17	1268	24	1778
Feb	29	2312	0	0	81	6464	30	2213	36	2670
Mar	62	4976	1	106	134	10714	63	4695	68	5078
Apr	36	2864	10	768	85	6804	37	2753	45	3390
May	22	1784	0	0	86	6855	24	1823	40	3000
Jun	9	680	0	0	40	3230	11	848	32	2430
Jul	9	688	0	37	51	4117	12	900	37	2798
Aug	13	1024	0	9	60	4800	17	1253	46	3465
Sep	11	840	0	0	51	4107	14	1028	38	2880
Oct	9	680	0	14	68	5459	11	840	32	2385
Nov	17	1368	1	43	87	6994	20	1500	42	3143
Dec	27	2160	0	17	97	7748	29	2145	41	3090

**Monthly Runoff Volumes:
8.0 ha area to FM-T5 (existing)
7.5 ha to FM-T5 (no LID)
7.5 ha to FM-T5 (with LID)**

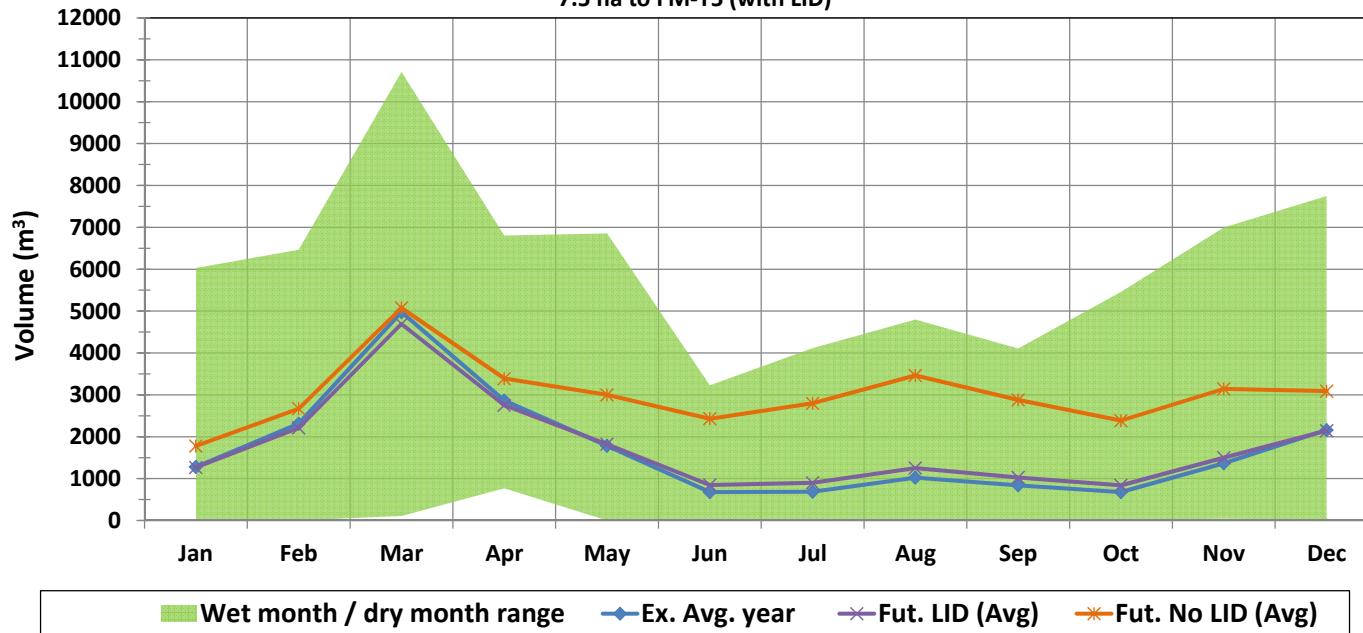


Figure 6.16F Existing and Post-development Runoff Volume to FM-D1

MONTH	RUNOFF VOLUME									
	Ex. Avg. year		Ex. Dry Months		Ex. Wet Months		Fut. LID (Avg)		Fut. No LID (Avg)	
	mm	m ³	mm	m ³	mm	m ³	mm	m ³	mm	m ³
Jan	12	2305	0	0	59	11306	15	6117	17	7291
Feb	23	4324	0	0	63	12076	25	10391	27	11439
Mar	51	9677	1	120	113	21574	52	21956	54	22794
Apr	28	5353	7	1269	72	13651	31	12947	34	14414
May	16	3105	0	0	67	12779	22	9218	29	11942
Jun	5	914	0	0	29	5553	13	5279	21	8925
Jul	5	857	0	32	37	7129	14	5824	24	10224
Aug	7	1410	0	8	43	8195	18	7710	31	12780
Sep	6	1143	0	0	35	6711	15	6369	25	10601
Oct	5	933	0	11	50	9569	13	5238	21	8757
Nov	12	2210	0	42	64	12280	20	8254	29	12025
Dec	21	3943	0	13	79	15095	25	10559	30	12738

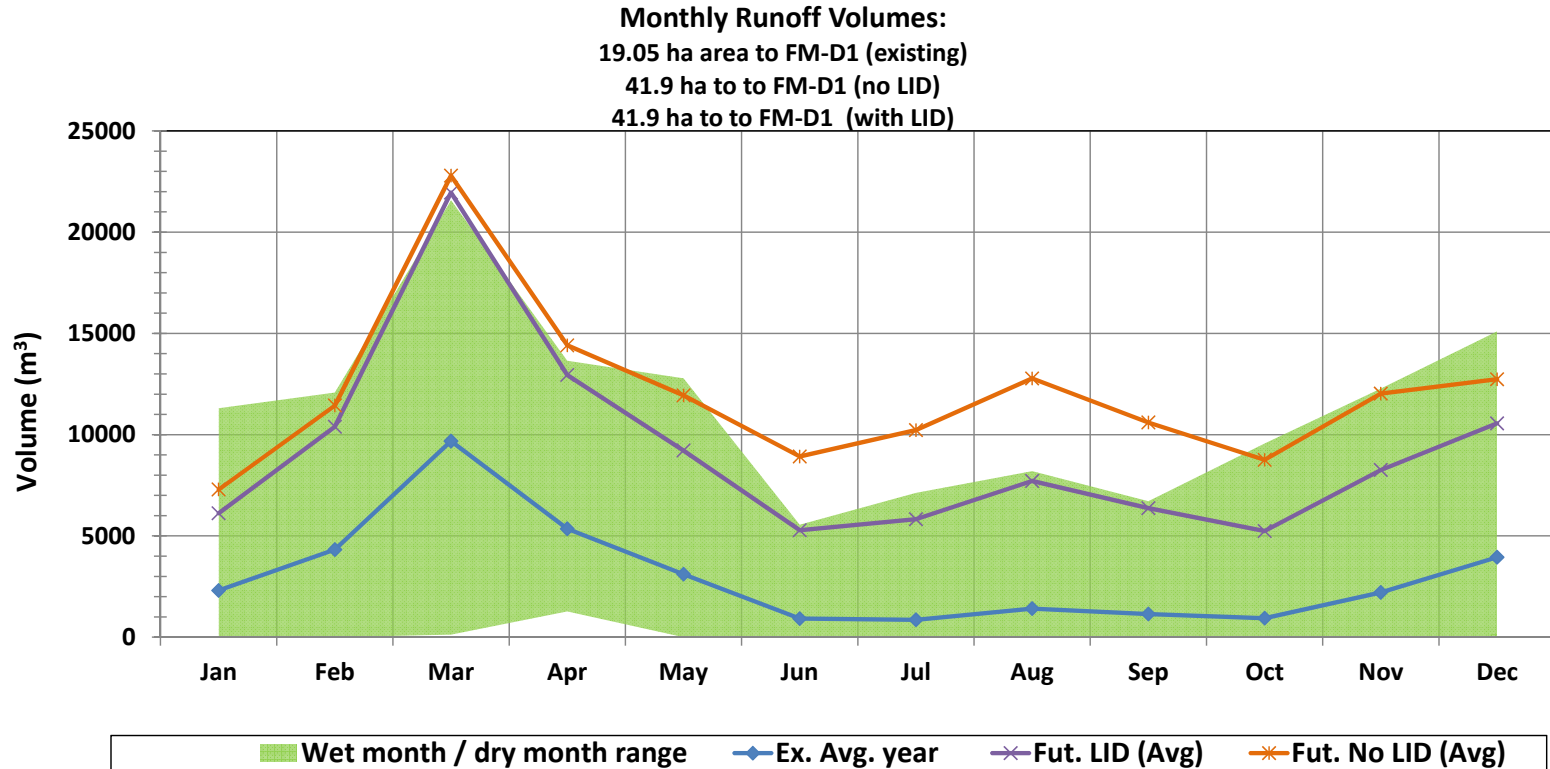


Figure 6.16G Existing and Post-development Runoff Volume to West NHS

MONTH	RUNOFF VOLUME									
	Ex. Avg. year		Ex. Dry Months		Ex. Wet Months		Fut. Mitigation (Avg)		Fut. No Mitigation (Avg)	
	mm	m ³	mm	m ³	mm	m ³	mm	m ³	mm	m ³
Jan	6	183	0	0	33	984	17	296	10	36
Feb	12	369	0	0	45	1364	26	455	17	58
Mar	31	915	0	0	77	2295	52	905	36	126
Apr	15	456	3	80	49	1455	34	602	28	98
May	8	246	0	0	35	1064	30	516	26	92
Jun	1	42	0	0	14	411	23	404	21	75
Jul	1	33	0	0	18	537	27	466	25	86
Aug	2	72	0	0	20	609	33	578	31	107
Sep	2	57	0	0	16	470	27	480	25	88
Oct	2	45	0	0	25	737	23	396	20	70
Nov	5	156	0	0	31	935	30	529	25	88
Dec	11	336	0	0	51	1542	30	530	23	81

