

Lewisham Local Flood Risk Management Strategy - Action Plan - Draft December 2014										Objectives							Programme					Costs Range		Partners		Priority	Possible Funding Source	Notes										
ID	FRMP Action Name	Plan	Action Owner	Ward	River Corridor (if applicable)	Action description	N1	N2	N3	N4	N6	P1	P2	P3	P4	P5	P6	P7	L1	L2	L3	L4	L5	L6	L7				L8	L9	2016	2017	2018	2019	2020-2025	2025+	Other RMA's	Other Non RMA's
19	FRMP Review of FRM Housing SuDS	FRM	Lewisham (FRM)	Downham	Ravensbourne	Review potential for incorporating FRM measures into Meadows Estate - Phoenix Community Housing investing in green infrastructure - identify if wider benefits could be achieved. Engage with Phoenix to capture opportunities for community resilience plans.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	EA, IDB	Planning, Phoenix Community Housing	High	
20	LW-Downham 21 Way	FRM	Lewisham (FRM)	Downham	Ravensbourne	Model shows flow path along Downham Way contributing to ponding at Southend (adjacent to River Ravensbourne)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	EA, IDB	Planning, Public Resilim, Parks, Residents associations	Moderate		
21	LW-Durham Hill Park	FRM	Lewisham (FRM)	Downham	Ravensbourne	Review flood history and potential FSA opportunities within Durham Hill Park.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	EA	Parks	Moderate			
22	LW-Downham Ward, determine TW actions & review FRM	FRM	Lewisham (FRM)	Downham	Ravensbourne	SWMP reports high DGS records - determine future Thames Water actions and review how these can be integrated with other local flood risk measures.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	TW/L, Highways Authority	Planning, Public Resilim, Parks, Residents associations	Moderate		
23	LW-Whitefoot Wd, determine TW actions & review FRM	FRM	Lewisham (FRM)	Whitefoot	Ravensbourne	SWMP reports high DGS flood records - determine future Thames Water actions and review how these can be integrated with other local flood risk measures.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	TW/L, Highways Authority	Planning, Public Resilim, Parks, Residents associations	Moderate		
24	LW-S Circular/Vesta Pt Ln, Review Quaggy flow path	FRM	Lewisham (FRM)	Whitefoot, Catford South	Ravensbourne	Review Quaggy flow path (Hither Green Branch) including upstream of main river esker, and interaction around South Circular and Vestart Lane.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	EA, Highways Authority	TL	High		
25	LW-Verdant Ln, SW ponding, review drainage	FRM	Lewisham (FRM)	Whitefoot, Catford South, Lee Green	Ravensbourne	Well known surface water ponding issue around Verdant Lane including flooding to cemetery. Review drainage in this location and potential to hold water back upstream to reduce flood risk downstream. Review runoff from Atsgowan Road, Minard Road, Broadfield Road and Wellmeadow Road and seek to mitigate. Improve understanding of risk posed by culvert through railway.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	EA, Highways Authority	Parks and Open Spaces	High		
26	LW-Whitefoot Wd, Reduce risk, development	FRM	Lewisham (FRM)	Whitefoot	Ravensbourne	Identify opportunities to reduce risk by influencing ongoing development in the area (Excaltur Estate Renewal).	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	EA	Planning, Excaltur Estate	Moderate		
27	LW-Blackheath Wd, review model results	FRM	Lewisham (FRM)	Blackheath	Quaggy	Review Model results that show flow path across Blackheath Ward along train line running east to west and contributing to ponding around Lewisham Centre to investigate source and suggested measures to mitigate.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	EA, Highways Authority	Network Rail	Moderate		
28	LW-Blackheath Ponds	FRM	Lewisham (FRM)	Blackheath	Quaggy	Investigation into flood mechanism and connectivity of Blackheath Ponds and consider remedial works at pond to prevent flooding.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Greenwich	Parks and Open Spaces	Moderate		
29	LW-Sydenham Ward, study on predicted SW flooding	FRM	Lewisham (FRM)	Sydenham		Area shown as susceptible to surface water flooding (UFMSW). Investigation to understand why flooding is not observed and check performance of existing assets that may be preventing flooding in this location.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	EA		Low		
30	LW-Sydenham Wells Park, review US storage	FRM	Lewisham (FRM)	Sydenham		Review potential for 'upstream' surface water management / storage such as Sydenham Wells Park or Kirkdale Green to appreciate and understand potential issues and whether any measures could provide wider benefit elsewhere.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	EA	Parks	Moderate		
31	Ground water level	FRM	Lewisham (FRM)	Sydenham		Investigate ground water being high in Sydenham Road resulting in new tree pits bases not being at ground level	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	EA	Parks	Low		
32	LW-Albion Villa Rd, predicted SW ponding, FRM	FRM	Lewisham (FRM)	Forest Hill		Modelling suggests surface water ponding at Albion Villas Road / Longfield crescent along train line. Review potential for FRM measures in Albion Millennium Green and opportunities to reduce risk by influencing design of proposed development.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	EA, Highways Authority	Network Rail	Moderate		
33	LW-Davids Rd, review ponding and subsurface assets	FRM	Lewisham (FRM)	Forest Hill		Review ponding shown in modelling around David's Road area - review links to historic canal turning point. Investigate subsurface assets in this location - understood to be a culvert in the area (can hear water flowing through underground culvert) - investigation required to improve understanding of system.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	EA, TW/L, Highways Authority		High	
34	LW-Devonshire Rd Nat Res, Reduce runoff	FRM	Lewisham (FRM)	Forest Hill		Look at opportunities to reduce runoff from Devonshire Road Nature reserve.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	EA	Devonshire Road Nature Reserve	Moderate		
35	LW-Sainsbury's Car Park, review storage potential	FRM	Lewisham (FRM)	Forest Hill		Review potential for storage around London Road / Forest Hill	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	EA	Sainsbury's	Moderate		
36	LW-Carholme Rd, review past RFCC bids, study	FRM	Lewisham (FRM)	Perry Vale		Review past RFCC bids for funding around Carholme Road and identify why these have been unsuccessful. Potential requirement for study to understand where problems are and what measures could alleviate consequences and probability. Known issue.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	EA, Highways Authority	RFCC	Very High		
37	LW-Mayow Park, review model ponding, FSA	FRM	Lewisham (FRM)	Perry Vale		Review modelled ponding in Mayow Park and potential for FSA to benefit Bell Green areas.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	EA	Parks	High		
38	LW-Rushey Grn Wd, Review flood risk	FRM	Lewisham (FRM)	Ravensbourne		Seek opportunities to reduce risk by influencing town centre redevelopment and realignment of Catford gyratory.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	EA	CIL, Planning	Very High		

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40	IBA Consultation: Thames & Ravensbourne review of flood resilience	FRMS	Lewisham (FRM)	Rushey Green	Ravensbourne	Review of tanking / flood resilience to Catford Theatre.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									Less than 100K	EA	Catford Theatre	Very High				
41	LW-Rushey Grn Wd. review flood history & assets	FRMS	Lewisham (FRM)	Rushey Green	Ravensbourne	Modelling shows well defined flow paths along road network. Review records of flooding and highlight critical drainage assets to relevant parties.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									Less than 100K	Highways Authority, TWUL	TL	Moderate			
42	LW-Catford Bridge. review model ponding	FRMS	Lewisham (FRM)	Rushey Green	Ravensbourne	As part of Lewisham and Catford Flood Alleviation Scheme study, review area shown to be susceptible to ponding in the model results (Catford Bridge area) to understand why this is shown as an area at risk.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									100K to 500K	EA		Low			
43	LW-Mountsfield Park. review runoff management	FRMS	Lewisham (FRM)	Rushey Green	Ravensbourne	Review opportunities to manage runoff from Mountsfield Park (previous issues with runoff into neighbouring gardens).	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									100K to 500K	EA		High		
44	LW-Catford S Wd. determine TW actions. review FRM	FRMS	Lewisham (FRM)	Catford South	Ravensbourne	SWMP reports high records of internal flooding from sewers- determine future Thames Water actions and review how these can be integrated with other local flood risk measures.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									Less than 100K	TWUL, Partnership, Highways Authority		Moderate		
45	LW-Bromley Ret Park. review opps for FRM	FRMS	Lewisham (FRM)	Catford South	Ravensbourne	Review potential for FRM with development of Bromley Road Retail Park / bus garage etc.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									Less than 100K	EA	Bromley Road Retail Park / Bus Garage	Moderate		
46	LW-Honor Oak. improve understanding of risk	FRMS	Lewisham (FRM)	Crofton Park	Ravensbourne	As part of Lewisham and Catford Flood Alleviation Scheme study, improve understanding of flood risk from Upper Ravensbourne, Honor Oak branch (fluvial from ordinary watercourse west of train line and surface water).	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									Less than 100K	EA, Highways Authority	Network Rail	Moderate		
47	LW-St Guys Hosp. review potential LIS storage	FRMS	Lewisham (FRM)	Crofton Park	Ravensbourne	Review potential for storage upstream at St Guys Hospital athletic ground and/or flood resilience / storage at property level if required.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									500K to 1M	EA	St Guys Hospital, Emergency Services	Moderate		
48	LW-Brockley Cntry. review flood risk	FRMS	Lewisham (FRM)	Ladywell	Ravensbourne	Model results show ponding around Brockley Cemetery - review drainage arrangements and records of flooding in this area.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									Less than 100K	EA	Parks and Open Spaces	Moderate		
49	LW-Undercliffe Rd. review drainage, flood records	FRMS	Lewisham (FRM)	Ladywell	Ravensbourne	Model results show ponding around Undercliffe Road - review drainage arrangements and records of flooding in this area (surface and ground water).	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									Less than 100K	EA, Highways Authority, TWUL	BGS	Moderate		
50	LW-Marsala Rd. review model results, flood records	FRMS	Lewisham (FRM)	Ladywell	Ravensbourne	Review model results and records of flooding around Marsala Road and Malsons Road.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									Less than 100K	EA, Highways Authority	Planning	Moderate		
51	LW-Malsons Rd. review TW site	FRMS	Lewisham (FRM)	Ladywell	Ravensbourne	Clarify purpose of TW site on Malsons Road.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									Less than 100K	Highways Authority	Planning	Moderate		
52	LW-Lewisham Central Wd. review FAS US.	FRMS	Lewisham (FRM)	Lewisham Central	Ravensbourne	As part of Lewisham and Catford Flood Alleviation Scheme study and wider River Ravensbourne corridor aspirations, review potential for Flood Alleviation further upstream.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									100K to 500K	EA		Moderate		
53	LW-A21. review risk and drainage	FRMS	Lewisham (FRM)	Lewisham Central	Ravensbourne Quaggy	Area highlighted by PFRA as area at high risk of flooding. Work with TIL to investigate A21 (Ladywell Road) drainage and review records of inundation and potential mitigation measures. Work with planning to influence development and renewal within this area to incorporate surface water management.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									Less than 100K	TWUL, Highways Authority	TL, Planning	Moderate		
54	LW-S Circular. review Quaggy flow path	FRMS	Lewisham (FRM)	Lewisham Central	Ravensbourne Quaggy	Review Quaggy flow path (Hither Green Branch) including upstream of main river extent, and interaction around South Circular and Hither Green Lane.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									100K to 500K	EA, Highways Authority	TL	Moderate		
55	LW-Armoury Rd. investigate Flood Wall Repairs	FRMS	Lewisham (FRM)	Lewisham Central	Ravensbourne Quaggy	As part of Lewisham and Catford Flood Alleviation Scheme study investigate need for Armoury Road Flood Wall Repairs.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									100K to 500K	EA		Very High		
56	LW-Cressingham Rd. review drainage and flood risk	FRMS	Lewisham (FRM)	Lewisham Central	Ravensbourne Quaggy	Model results show ponding around Cressingham Road - review drainage arrangements and records of flooding in this area.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									100K to 500K	Highways Authority, EA		Moderate		
57	LW-Broadway Fields. reduce risk near S7 channel	FRMS	Lewisham (FRM)	Brockley	Ravensbourne	Review opportunities to reduce risk around Broadway Fields channel enhancements.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									500K to 1M	EA	Parks	Very High		
58	LW-Brookmill Rd. review flood/drainage mechanisms	FRMS	Lewisham (FRM)	Brockley	Ravensbourne	Review flood / drainage mechanisms for Brookmill Road.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									Less than 100K	EA, Highways Authority	Planning	High		

Lewisham Local Flood Risk Management Strategy - Action Plan - Draft December 2014											Objectives					Programme					Costs Range		Partners		Priority																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
ID	FRMP Action Name	Plan	Action Owner	Ward	River Corridor (if applicable)	Action description	National												Local					2016		2017	2018	2019	2020-2025	2025+	Other RMAs	Other Non RMAs																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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016	N1017	N1018	N1019	N1020	N1021	N1022	N1023	N1024	N1025	N1026	N1027	N1028	N1029	N1030	N1031	N1032	N1033	N1034	N1035	N1036	N1037	N1038	N1039	N1040	N1041	N1042	N1043	N1044	N1045	N1046	N1047	N1048	N1049	N1050	N1051	N1052	N1053	N1054	N1055	N1056	N1057	N1058	N1059	N1060	N1061	N1062	N1063	N1064	N1065	N1066	N1067	N1068	N1069	N1070	N1071	N1072	N1073	N1074	N1075	N1076	N1077	N1078	N1079	N1080	N1081	N1082	N1083	N1084	N1085	N1086	N1087	N1088	N1089	N1090	N1091	N1092	N1093	N1094	N1095	N1096	N1097	N1098	N1099	N1100	N1101	N1102	N1103	N1104	N1105	N1106	N1107	N1108	N1109	N1110	N1111	N1112	N1113	N1114	N1115	N1116	N1117	N1118	N1119	N1120	N1121	N1122	N1123	N1124	N1125	N1126	N1127	N1128	N1129	N1130	N1131	N1132	N1133	N1134	N1135	N1136	N1137	N1138	N1139	N1140	N1141	N1142	N1143	N1144	N1145	N1146	N1147	N1148	N1149	N1150	N1151	N1152	N1153	N1154	N1155	N1156	N1157	N1158	N1159	N1160	N1161	N1162	N1163	N1164	N1165	N1166	N1167	N1168	N1169	N1170	N1171	N1172	N1173	N1174	N1175	N1176	N1177	N1178	N1179	N1180	N1181	N1182	N1183	N1184	N1185	N1186	N1187	N1188	N1189	N1190	N1191	N1192	N1193	N1194	N1195	N1196	N1197	N1198	N1199	N1200	N1201	N1202	N1203	N1204	N1205	N1206	N1207	N1208	N1209	N1210	N1211	N1212	N1213	N1214	N1215	N1216	N1217	N1218	N1219	N1220	N1221	N1222	N1223	N1224	N1225	N1226	N1227	N1228	N1229	N1230	N1231	N1232	N1233	N1234	N1235	N1236	N1237	N1238	N1239	N1240	N1241	N1242	N1243	N1244	N1245	N1246	N1247	N1248	N1249	N1250	N1251	N1252	N1253	N1254	N1255	N1256	N1257	N1258	N1259	N1260	N1261	N1262	N1263	N1264	N1265	N1266	N1267	N1268	N1269	N1270	N1271	N1272	N1273	N1274	N1275	N1276	N1277	N1278	N1279	N1280	N1281	N1282	N1283	N1284	N1285	N1286	N1287	N1288	N1289	N1290	N1291	N1292	N1293	N1294	N1295	N1296	N1297	N1298	N1299	N1300	N1301	N1302	N1303	N1304	N1305	N1306	N1307	N1308	N1309	N1310	N1311	N1312	N1313	N1314	N1315	N1316	N1317	N1318	N1319	N1320	N1321	N1322	N1323	N1324	N1325	N1326	N1327	N1328	N1329	N1330	N1331	N1332	N1333	N1334	N1335	N1336	N1337	N1338	N1339	N1340	N1341	N1342	N1343	N1344	N1345	N1346	N1347	N1348	N1349	N1350	N1351	N1352	N1353	N1354	N1355	N1356	N1357	N1358	N1359	N1360	N1361	N1362	N1363	N1364	N1365	N1366	N1367	N1368	N1369	N1370	N1371	N1372	N1373	N1374	N1375	N1376	N1377	N1378	N1379	N1380	N1381	N1382	N1383	N1384	N1385	N1386	N1387	N1388	N1389	N1390	N1391	N1392	N1393	N1394	N1395	N1396	N1397	N1398	N1399	N1400	N1401	N1402	N1403	N1404	N1405	N1406	N1407	N1408	N1409	N1410	N1411	N1412	N1413	N1414	N1415	N1416	N1417	N1418	N1419	N1420	N1421	N1422	N1423	N1424	N1425	N1426	N1427	N1428	N1429	N1430	N1431	N1432	N1433	N1434	N1435	N1436	N1437	N1438	N1439	N1440	N1441	N1442	N1443	N1444	N1445	N1446