

APPENDIX 1A

Proposed 3 year Capital Programme 2018/19 - 2020/21 : Reservoirs, Pools and Water Courses

CATEGORY 1 LARGE RAISED RESERVOIRS

DESCRIPTION	2018/19	2019/20	2020/21	TOTAL
LIFFORD				
Reinstate general profile of the downstream slope. Any backfilled area will need to be top-soiled and grassed.	10,000	0	0	10,000
Works to the outfall wing wallsto make safe.	1,000		0	1,000
SUB TOTAL	11,000	0	0	11,000
LONGMOOR				
Review operation of penstock on main spillway and replace penstock and operating gears	12,000	0	0	12,000
Rebuild the right spillway chute brick wall of the curved spillway, downstream of the culvert,	5,000	0	0	5,000
SUB TOTAL	17,000	0	0	17,000
PERRY				
Perry Reservoir Bypass channel desilt including works to channel brickwork	0	180,000	0	180,000
SUB TOTAL	0	180,000	0	180,000
SALFORD				
Works to address the erosion damage on the upstream side of the road along the downstream toe.	4,000	0	0	4,000
Install a new gauge board for recording reservoir water levels	300	0	0	300
SUB TOTAL	4,300	0	0	4,300
WITTON				
Cracked area of asphalt on crest footpath be replaced	50,000	0	0	50,000
Install fixed points on spillway slabs to be monitored quarterly	1,000	0	0	1,000
Examine and rebuild upper reservoir overflow structure	8,000	0	0	8,000
Work arising from flood routing hydraulic assessment. Erosion protection around trees on dam. Work in the interest of safety	20,000	0	0	20,000
SUB TOTAL	79,000	0	0	79,000
WYNDLEY				

Brick embankment toe wall and foundations be extended next to spillway and area of erosion addressed. Tree making embankment wall unstable and to be removed.	10,000	0	0	10,000
SUB TOTAL	10,000	0	0	10,000
WORK ARISING FROM SECTION 10 INSPECTIONS				
S10 TOTAL	10,500	50,000	50,000	110,500
WORK ARISING FROM SECTION 12 INSPECTIONS				
S12 TOTAL	55,000	55,000	66,000	176,000
TOTAL	186,800	285,000	116,000	587,800

186,800

285,000

116,000

587,800

CATEGORY 2 RESERVOIRS

DESCRIPTION	2018/19	2019/20	2020/21	TOTAL
BROOKVALE PARK, ERDINGTON				
Install measures to prevent syphon overflow from blocking	0	50,000	0	50,000
SUB TOTAL	0	50,000	0	50,000
PYPE HAYES PARK, ERDINGTON				
Drainage be installed along base of wall on west side to collect ground water seepage	0	5,000	0	5,000
Install copings on wavewall	0	15,000		15,000
Install outlet pipework/ Grill modification	0	16,000	0	16,000
SUB TOTAL	0	36,000	0	36,000
CANNON HILL PARK BOATING, HALL GREEN				
Excavation of bed and reprofile reservoir to improve capacity, water flow and quality, & construct safety shores	0	0	140,000	140,000
Reinstate concrete wavewall	0	0	32,000	32,000
Works to pipework through the Dam		0	1,000	1,000
SUB TOTAL	0	0	173,000	173,000
KINGS HEATH PARK, HALL GREEN				
Reprofile reservoir to improve water flow and quality	0	0	50,000	50,000
SUB TOTAL	0	0	50,000	50,000
WARD END PARK, HODGE HILL				
Excavation of bed and reprofile reservoir to improve capacity, water flow and quality, & construct safety shores	113,885	0	0	113,885
SUB TOTAL	113,885	0	0	113,885
MANOR FARM PARK, NORTHFIELD				
Rebuild and replace brickwork on spillways	0	10,000	0	10,000
Reprofile and strengthen dam embankment, improving capacity to safely pass flood flow	0	40,000	0	40,000
Excavation of bed and reprofile reservoir to improve capacity, water flow and Quality, & construct safety shores	0	95,000	0	95,000
Carry out works to ensure free flow of culvert .	0	5,000	0	5,000
Improve access to penstock	0	20,000	0	20,000
SUB TOTAL	0	170,000	0	170,000
SHENLEY FIELDS				

New penstock that can be operated from ground level	0	20,000	0	20,000
Works to feeder pipeto ensure free flow of water	0	10,000	0	10,000
Marginal planting of reeds to improve water quality	0	6,000	0	6,000
SUB TOTAL	0	36,000	0	36,000
HANDSWORTH PARK				
Works to silt trap and penstocks etc	0	0	15,000	15,000
SUB TOTAL	0	0	15,000	15,000
VALLEY PARKWAY				
Reinstate concrete wavewall	0	0	75,000	75,000
SUB TOTAL	0	0	75,000	75,000
KEEPERS POOL, SUTTON PARK				
Development works including Flood Study with recommendations of a Inspection Engineer	0	0	15,000	15,000
Development works including Archaeological survey with support from English Heritage and Natural England in line with the Ancient Monmuments Archaeological	0	0	20,000	20,000
SUB TOTAL	0	0	35,000	35,000
TOTAL	113,885	292,000	348,000	753,885

753,885

Flood Alleviation Works - Statutory Obligations.and Health and Safety Works

Description	2018/19	2019/20	2020/21	TOTAL
Ackers Trust flood alleviation works	50,000	300,000	0	350,000
Brook course flood alleviation	50,000	400,000	300,000	750,000
TOTAL				
	100,000	700,000	300,000	1,100,000

1,100,000

SUMMARY

Description	2018/19	2019/20	2020/21	TOTAL
Category 1 Reservoirs	186,800	285,000	116,000	587,800
Category 2 Reservoirs	113,885	292,000	348,000	753,885
Flood Alleviation Works	100,000	700,000	300,000	1,100,000
Fees	15,312	14,059	12,138	41,509
TOTAL	415,997	1,291,059	776,138	2,483,194

2,483,194

