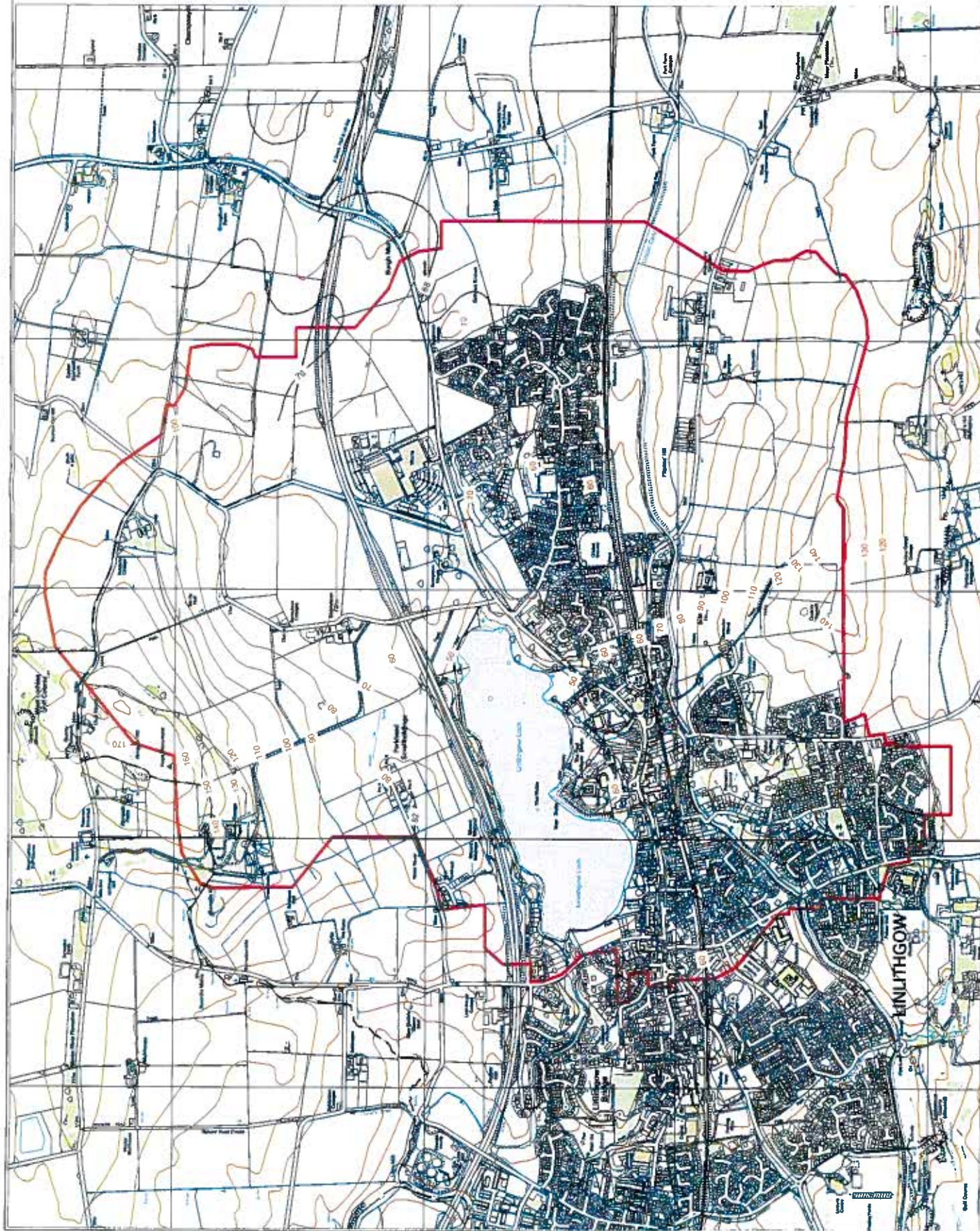


APPENDIX 1



Notes

Contour map of the Linlithgow Loch catchment.

Contour data derived from Ordnance Survey Land-form PANORAMA • data.

Red line denotes the loch catchment. The catchment is derived from the SEPA water body catchment map.

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Contract
Linlithgow Loch External Nutrient Assessment

For
Linlithgow Loch Catchment Management
Group

Drawing title

Linlithgow Loch contour map

Drawing No. 11391-01	File No. 11391	Scale 1:15000 at A3
Drawn LY	Checked by CC	
Date 16/09/10	Revision	



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APPENDIX 2

Risk Matrix

	Risk Type	Risk Description	Probability Rating	Severity Rating	Risk Impact Factor	Suggested Action
1	1	Agricultural				
2		Livestock - poaching within 5m of a watercourse	2	3	6	SAC Winter Meeting for farmers and farm tenants
3		Livestock - direct dunging into watercourses	2	3	6	Encourage catchment-wide SRDP application
4		Livestock - unsafe slurry storage	0	4	0	Awareness of GBRs / PEPFAA
5		Livestock - poor slurry application practice	1	4	4	Awareness of GBRs / PEPFAA
6		Livestock - run-off from solid manure stores	3	3	9	Encourage uptake of PLANET Scotland
		Livestock - poor solid manure application practice	2	3	6	
2	1	Agricultural				
		Crops - soil loss to watercourses from storm event	4	4	16	
2		Crops - soil loss to watercourses from normal precipitation	3	3	9	
3		Crops - soil erosion from tramlines	3	4	12	
4		Crops/grass - use of excess fertiliser	2	3	6	
5		Crops/grass - loss of fertiliser into watercourses	2	3	6	
3	1	Agricultural				
		General - soil loss due to compaction at gateways	4	2	8	
4	1	Amenity				
		Grass - use of excess fertiliser	3	2	6	Sports Turf consultant to visit sports clubs to raise awareness
2		Sport turf - fertiliser loss into watercourses	3	2	6	
3		Sport turf - storage of grass clippings close to watercourses	3	2	6	
4		Sport turf - soil loss at re-seeding	3	4	12	
5	1	Peri-urban/Urban				
		Septic tanks - loss of nutrients (and FIOs)	4	4	16	Raise septic tank owners' awareness through doorstep visits and/or leafletting
2		Septic tanks - unsuitability of ground for soakaways	4	4	16	
3		Foul drainage - crossover	4	4	16	
4		Foul drainage - intermittent discharge	4	4	16	
5		Garden fertilisers	4	1	4	Awareness - press, schools and leafletting.
6		Disposal via "clean" drains	4	2	8	Mark drains with symbols.
7		Grass clippings and garden waste into surface waters	3	2	6	
8		Vehicle washing	4	2	8	

	Risk Type <i>cont</i>	Risk Description	Probability Rating	Severity Rating	Risk Impact Factor	Suggested Action
6	1	Wildlife				
		Birds - spilled/lost food	4	3	12	
2		Birds - faecal matter from high bird populations	4	3	12	
3		Birds - poaching of loch surrounds	4	2	8	
4		Burrowing mammals causing soil erosion on watercourses	3	3	9	
7	1	Transport				
		Railway - trains emptying foul waste				
2		Canal - overspill of nutrient-rich water	4	3	12	
3		Roads - mud on roads	4	3	12	
4		Roads - poor road-side ditch maintenance practice	4	3	12	
8	1	Other				
		Other - sediment loss during ditch maintenance	2	3	6	
2		Other - soil erosion through soil profile				
3		Other - surface run-off into watercourses	3	4	12	
4		Other - fly tipping into watercourses	4	2	8	



High Risk - 10 and over
Medium Risk - 5 to 10
Low Risk - 4 and under

1=Very Unlikely
2=Unlikely
3=Likely
4=Very Likely

1=Insignificant
2=Minor
3=Moderate
4=Major

Notices and public awareness