

appendix D - stream inventory problem areas

This table presents a summary of problem areas as identified through a review of the Lake County Stormwater Management Commission 2001 stream inventory report and data sheets contained in Appendix P. The data in this table is mapped in Chapter 3. This table includes information that is used within these data sheets to locate the points on the ground (Global Positioning System Location). Photo numbers can be used, where provided, to view the problem identified in Appendix B. Point Discharge (PD) and Hydraulic Structure (HS) identification numbers can be used to cross-reference information on the data sheets and to identify these structures on maps in Chapter 3. They also are cross-referenced to the expanded site specific action plan in Appendix H.

Table D Stream Inventory Problem Areas

Reach ID	Global Positioning System Location	Photo #	Point Discharge/ Hydraulic Structure #	Problem Description	Erosion	Debris / Sediment	Failed Infrastructure / Armoring	Multiple / Other
BL01	260	426	HS01 & 02	culvert silting in		X		
BL01	261	428	HS03 & 04	culvert silting in		X		
BL02	267	436		debris obstructing flow		X		
BL02	269	438	PD4	open channel, check minor erosion	X			
BL02	270	439		debris obstructing flow		X		
BL02	272	441		typical 2-4' bank erosion	X			
BL02	274	443	PD6	erosion & rip rap below outfall	X			
BL02	277	446	PD9	minor channel erosion below concrete lined channel outfall	X	X		X
BL02	279	449	PD10	Elevated outfall & plunge pool, check plunge pool erosion	X			
BL03	379	74		erosion undercutting concrete lined channel	X		X	X
BL03	384	82	PD25	minor 1-2' turf edge erosion	X			
BL05	294	466	PD33	incised channel, rip rap at outfall	X			
BL05	294	467	PD33	bank erosion addressed with rip rap				
BL05	298	472		debris in channel, bricks		X		
BL05	299	473		ravine / channel erosion	X			
BL07	002	95		typical 3-4' bank erosion, left bank	X			
BL07	003	97		debris obstructing flow		X		
BL07	004	99		typical 2-4' bank erosion, left bank	X			
BL07	006	101	PD44	channel erosion / downcutting, left bank	X			
BL07	007	102	PD45	channel erosion / downcutting	X			
BL07	008	103		major 4-6' bank erosion, right bank	X			
BL07	009	104	PD46	erosion at outfall	X			
BL07	010	105		exposed sewer crossing				X
BL07	014	109		debris obstructing flow		X		
BL07	015	110		major erosion and slumping, left bank	X			
BL08	018	114	PD50	channel erosion and downcutting	X			
BL08	019	115	PD51	major erosion behind headwall and at outfall	X		X	X
BL08	020	116	PD52	channel erosion and downcutting	X			
BL08	021	117		erosion and slumping, left bank	X			
BL08	022	118		debris obstructing flow		X		

appendix D - stream inventory problem results

Reach ID	Global Positioning System Location	Photo #	Point Discharge/ Hydraulic Structure #	Problem Description	Erosion	Debris / Sediment	Failed Infrastructure / Armoring	Multiple / Other
BL08	023	119	debris	obstructing flow		X		
BL08	024	120	sewer	infrastructure				X
BL08	025	122	PD53	major erosion and slumping	X			
BL08	026	123	debris	obstructing flow		X		
BL09	030	127		major erosion with slumping, left bank	X			
BL09	031	128	debris	obstructing flow		X		
BL09	033	130	debris	obstructing flow		X		
BL09	035	132	PD55	debris around outfall		X		
BL09	037	134		failed armoring, major erosion, left bank	X		X	X
BL09	043	140	debris	obstructing flow		X		
BL09	044	141	debris	obstructing flow		X		
BL09	045	142		major erosion and slumping, left bank	X			
BL10	048	148		major erosion and slumping	X			
BL10	049	149	PD64	erosion around capped outfall pipe	X			
BL11	051	152	HS55	debris obstructing culvert		X		
BL11	052	154	PD67	armored and debris filled outfall channel		X	X	X
BL11	053	156		major erosion and slumping	X			
BL11	054	157		erosion below outfall	X			
BL11	055	158	debris	obstructing flow		X		
BL11	056	159	PD68	NP				
BL11	055	160		major erosion behind armoring, left bank	X		X	X
BL11	062	166		armoring, habitat impairment			X	
BL12	071	179		typical 1-2' erosion, right bank	X			
BL12	072	180	debris	obstructing flow		X		
BL12	073	181	signi	significant erosion with slumping, right bank	X			
BL12	074	182	PD77	channel erosion	X			
BL12	075	183	PD78	channel erosion	X			
BL12	76	185	HS65	debris and sediment		X		
BL13	077	186	HS66	debris and sediment		X		
BL13	077	187	PD81	rusting culvert, erosion below outfall	X		X	X
BL13	078	188	signi	significant erosion and slumping, right bank	X			
BL13	079	189	PD82	failed clay outfall pipe due to erosion	X		X	X
BL13	085	195		fence across channel with rock wall armoring			X	X
BL13	087	197	concrete	debris		X		
BL13	088	198		concrete lined channel needs attention			X	
BL13	090	200	HS73	failed concrete wall armoring, major erosion behind	X		X	X
BL13	096	206	debris	obstructing flow		X		
BL13	100	210	HS78+79	broken concrete and CMP culvert and flow obstruction		X	X	X

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BL14	102	212	debris			X		
BL14	102	213	debris			X		
BL15	109	222	PD97	erosion at outfall	X			
BL15	110	223	PD98	erosion at outfall	X			
BL15	114	234	PD104&105	erosion and debris at outfalls	X	X		X
BL15	115	235	PD106	erosion at outfall	X			
BL15	116	236	debris	obstructing flow		X		
BL15	119	239	PD107	erosion at outfall	X			
BL15	119	240	PD108	erosion at outfall	X			
BL15	120	241	HS90	erosion and silt fence failure	X			
BL15	122	243		typical 4-6' erosion	X			
BL15	123	244	PD110+111	erosion at outfall	X			
BL15	127	250	PD115+116	erosion at outfall	X			
BL15	129	254	HS93	erosion around culvert	X			
BL15	130	255	PD118	erosion at outfall	X			
BL17	134	261	HS95	debris blocking culvert		X		
BL17	134	262	HS95	exposed trail culvert			X	
BL17	135	264		concrete slab / habitat impairment			X	
BL17	138	270	HS99	erosion undermining culvert	X		X	X
BL17	139	272		turf grass to edge of water				X
BL17	140	273		turf grass to edge of water				X
BL17	141	274		turf grass to edge of water				X
BL17	141	275		turf grass to edge of water				X
BL17	146	281		debris at outfall		X		
BL17	146	282	signi	bank erosion and slumping	X			
BL18	154	292	HS111	fencing across culvert				X
BL19	157	298	debris	obstructing flow		X		
BL19	160	302	signi	bank erosion and slumping, left bank	X			
BL20	163	308	PD142	channel erosion / downcutting	X			
BL20	164	309	PD143	channel erosion / downcutting	X			
BL20	167	312	signi	bank erosion and slumping	X			
BL20	168	313	HS116	signif can erosion around culvert	X			
BL20	171	316	debris	obstructing flow		X		
BL20	173	319	PD147	channel erosion / downcutting	X			
BL20	175	321	HS121	erosion around culvert	X			
BL20	175	322	PD148	erosion at outfall	X			
BL20	178	325	PD151	cracked concrete armoring at outfall			X	
BL21	184	331	PD155	channel erosion at outfall, rip rap	X			

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BL21	185	332	PD156	erosion at outfall	X			
BL21	192	341	PD160	erosion at outfall	X			
BL22	196	346		debris across channel		X		
BL24	217	369	debris,	tires		X		
BL25	221	373	debris	obstructing flow		X		
BL25	224	376	HS143	possible erosion at point discharge	X			
BL26	230	384	HS146	collapsed pedestrian bridge in channel		X		
BL26	231	386		chain link fence across channel				X
BL26	231	387		limestone wall armoring			X	
BL26	232	390	signi	f cant erosion	X			
BL27	235	394	PD178	erosion creating channel	X			
BL27	236	395	PD179	erosion, headwall and outfall pipe failure	X		X	X
BL27	237	397	debris	obstructing flow		X		
BL27	238	398		typical 4-6' erosion and slumping, left bank	X			
BL27	239	399	debris	obstructing flow		X		
BL27	240	400	PD180	minor channel erosion	X			
BL27	241	401	PD181	major erosion and exposed infrastructure	X		X	X
BL27	242	402	PD182	erosion	X			
BL27	244	405	signi	f cant erosion and slumping, left bank	X			
BL28	249	411		debris, tires and logs		X		
BL28	252	414	PD190	erosion below outfall	X			
BL28	253	415	HS 154-158	failing / crushed culverts			X	
BL28	254	417	debris	obstructing flow		X		