

**APPENDIX B –
OBSTRUCTION ISSUES TABLE**

OBSTRUCTION ISSUES TABLE

ID	Category	Description	Activity	Permit ? Y/N/M	Permit Type	Cost
Photo 1	2	Two submerged trees crossing river	Pull out trees	N	N/A	
Photo 2	2	Submerged trees and brush	Pull out by hand and tools	N	N/A	
Photo 3	2	Down tree blocking river	Cut with chainsaw and remove from river	N	N/A	
Photo 4	3	Submerged down tree blocking river	Dig out tree with machine	Y	301	
Photo 5	2	Heavy tree in river	Pull out and cut with chainsaw	M	??	
Photo 6	2	Big tree and pile of brush	Cut with chainsaw and remove from river	N	N/A	
Photo 7	1	Floating tree and hanging brush	Remove by hand and with clippers	N	N/A	
Photo 8	2	Big tree in river	Pull out of water with harness	N	N/A	
Photo 9	1	Metal pipe outfall from treatment plant	Request removal from treatment plant	N	N/A	
Photo 10	3	Rocks and buried trees	Dig out with excavator	Y	301	
Photo 11	2	Trees in river	Remove with chainsaw and rope	N	N/A	
Photo 12	2	Big tree in river	Pull out of water with harness and chainsaw	M	??	
Photo 13	1	Overhanging branch	Cut with chainsaw	N	N/A	
Photo 14	1	Overhanging branch	Remove with clippers	N	N/A	
Photo 14	2	Boulder in middle of river	Dig out with excavator	M	??	
Photo 15	3	Many big trees	Cut with chainsaw and remove from river bank	Y	301	
Photo 16	2	Large rocks	Dig out with excavator	M	??	
Photo 17	2	Large rocks and brush	Dig out with excavator	N	N/A	
Photo 18	2	Big tree in river	Pull out with harness	N	N/A	
Photo 19	2	Waterlogged trees in river	Remove with a harness (doesn't appear buried)	N	N/A	
Photo 20	2	Large rocks in river	Remove by excavation	M	??	

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ID	Category	Description	Activity	Permit ? Y/N/M	Permit Type	Cost
Photo 21	3	Shallow rocks and branches	Dig out with excavator	M	N/A	
Photo 22	3	Large rocks in river	Dig out with excavator	Y	301	
Photo 23	2	Large rocks in river	Dig out with excavator	M	??	
Photo 24	3	Large tree creating dam	Remove with machine	N	N/A	
Photo 25	1	Brush in water	Pull out of water and utilize chainsaw	N	N/A	
Photo 26	1	Brush in water	Pull out by hand and tools	N	N/A	
Photo 27	3	Big trees	Pull out or dig out with machine	M	??	
Photo 28	1	Overhanging tree	Cut and remove with use of chainsaw	N	N/A	
Photo 29	1	Overhanging brush	Cut with clippers	N	N/A	
Photo 30	3	Three boulders and waterlogged tree	Dig out with excavator	M	??	
Photo 31	2	Large tree floating in river	Pull out with harness	N	N/A	
Photo 32	1	Brush in water	Pull out by hand and tools	N	N/A	
Photo 33	2	Large down tree	Pull out with harness	N	N/A	
Photo 34	3	Down tree blocking flow	Dig out with excavator	N	N/A	
Photo 35	2	Large rocks and tree	Dig out with excavator	M	??	
Photo 36	3	Barrier of trees over river	Cut with chainsaw and remove	N	N/A	
Photo 37	2	Large tree over river	Cut with chainsaw and remove	N	N/A	
Photo 38	2	Down tree blocking flow	Dig out with excavator	N	N/A	
Photo 39	2	Brush in water	Pull out and cut with chainsaw	N	N/A	
Photo 40	2	Medium-sized tree fallen into river	Cut with chainsaw and remove	N	N/A	

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ID	Category	Description	Activity	Permit ? Y/N/M	Permit Type	Cost
Photo 41	1	Shopping cart	Remove what is possible by hand	N	N/A	
Photo 42	2	Several overhanging large trees over river	Cut with chainsaw and remove in pieces	N	N/A	
Photo 43	3	Several branches and a tree	Cut with chainsaw with a machine	N	N/A	
Photo 44	2	Brush and rocks	Dig out with excavator	M	??	
Photo 45	2	Debris and buried log columns	Remove debris by hand	N	N/A	
Photo 46	1	Brush in water	Pull out by hand and tools	N	N/A	
Photo 47	1	Concrete debris	Remove with excavator or leave	N	N/A	
Photo 48	3	Down tree, brush, and rocks	Dig out with excavator	Y	301	
Photo 49	2	Overhanging tree	Cut with chainsaw and remove	N	N/A	
Photo 50	1	Brush under pipe bridge	Remove by hand	N	N/A	
Photo 51	2	Large down tree	Cut with chainsaw and remove	N	N/A	
Photo 52	1	Overhanging tree	Cut with chainsaw and remove	N	N/A	
Photo 53	1	Large overhanging tree	Cut with chainsaw and remove	N	N/A	
Photo 54	3	Dam-like trees in river	Pull out with a machine or significant hand work	M	??	
Photo 55	2	Large tree in river	Cut with chainsaw and remove in pieces	N	N/A	
Photo 56	2	Tree completely blocking river	Cut with chainsaw and remove with harness	N	N/A	
Photo 57	2	Tree blocking river	Cut with chainsaw and remove in pieces	N	N/A	
Photo 58	2	Large tree in river by bridge	Pull out with harness and cut with chainsaw	N	N/A	
Photo 59	1	Tree on east side of river	Pull out and cut with chainsaw	N	N/A	
Photo 60	2	Large tree in river	Pull out with rope	N	N/A	

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Photo 61	1	Overhanging tree and brush	Cut with chainsaw and remove from river	N	N/A	
Photo 62	3	Large tree in river	Cut with chainsaw and pull out of soil with machine	N	N/A	
Photo 63	2	Tree pile on west bank	Remove and cut with chainsaw	N	N/A	
Photo 64	2	Tree under overhanging pipe	Remove by hand and chainsaw	N	N/A	
Photo 65	2	Tree obstructing middle of river	Pull out (possibly embedded in riverbed)	N	N/A	
Photo 66	2	Tree down over river	Remove with chainsaw	N	N/A	
Photo 67	2	Two trees over river	Remove with chainsaw and clippers	N	N/A	
<u>Point 68</u>	1	Brush in water	Remove with chainsaw and clippers	N	N/A	
<u>Point 69</u>	2	Brush in water	Remove with chainsaw and clippers	N	N/A	
<u>Point 70</u>	2	Downed trees	Remove with chainsaw and clippers	N	N/A	
<u>Point 71</u>	2	Downed trees near shallow area	Remove trees from river with rope and chainsaw	N	N/A	
<u>Point 72</u>	2	Down trees near wide river area	Remove trees from river with rope and chainsaw	N	N/A	
<u>Point 73</u>	2	Down trees	Remove trees from river with rope and chainsaw	N	N/A	
<u>Point 74</u>	2	Down trees	Remove trees from river with rope and chainsaw	N	N/A	
Photo 75	3	Large tree over river	Cut tree at several areas and remove in pieces if by hand, or use excavator	M	??	
Photo 76	2	Trees on both sides	Cut trees and pull out with rope	N	N/A	
Photo 77	3	Several trees under water	Dig out with excavator	Y	301	
Photo 78	2	Trees on both sides of river	Cut trees and pull out with rope	N	N/A	
Photo 79	2	Trees blocking river	Cut tree and remove from river	N	N/A	
Photo 80	2	Tree entering river on bank	Pull tree out with rope	N	N/A	

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ID	Category	Description	Activity	Permit ? Y/N/M	Permit Type	Cost
Photo 81	3	Pile of tree branches across river	Dig out with excavator or by hand	M	??	
Photo 82	2	Trees laying over river in three areas	Cut trees and pull out with rope	N	N/A	
Photo 83	2	Brush in river	Remove by hand	N	N/A	
Photo 84	3	Groups of trees at river bend	Dig out with excavator and increase depth in middle	Y	301	
Photo 85	2	Several trees in river	Cut trees and pull out with rope	N	N/A	
Photo 86	1	Tree overhanging and floating	Use clippers and chainsaw to remove from river	N	N/A	
Photo 87	1	Brush near bank	Remove with rope and chainsaw	N	N/A	
Photo 88	2	Tree blocking river	Use chainsaw and cut and remove	N	N/A	
Photo 89	2	Tree blocking river	Use chainsaw and cut and remove	N	N/A	
Photo 90	2	Several trees blocking river	Cut and pull out of water with rope	N	N/A	
Photo 91	2	Tree across river	Pull out of water with rope	N	N/A	
Photo 92	2	Tree across river	Cut and pull out of water with rope	N	N/A	