APPENDIX C: SHORELINE VIDEO SURVEY

Table 1. Video timestamp log for LPRSA surveyed waypoints

Video Number	Date	Waypoint	Approximate RM	Bank[a]	Waypoint Start Time[b]	Field Notes
1	9/20/2010	WP1	13.4	left	0:22	
1	9/20/2010	WP2 to WP3	13.4	left	1:09	
1	9/20/2010	WP4	13.3	left	4:15	
1	9/20/2010	WP5	13.1	left	6:44	
1	9/20/2010	WP6	13.0	left	8:45	Union Street Bridge
1	9/20/2010	WP7	12.9	left	10:05	
1	9/20/2010	WP8	12.7	left	13:49	
1	9/20/2010	WP9	12.2	left	24:44	
1	9/20/2010	WP10	12.1	left	27:55	
1	9/20/2010	WP11	11.9	left	29:43	
1	9/20/2010	WP12	11.6	left	32:40	Route 3 Bridge
1	9/20/2010	WP13	11.5	left	34:47	
1	9/20/2010	WP14	11.4	left	36:20	
1	9/20/2010	WP15	11.4	left	37:19	Lyndhurst Conrail Draw Bridge
1	9/20/2010	WP16	11.4	left	38:20	
1	9/20/2010	WP17	11.3	left	39:20	
1	9/20/2010	WP18	11.2	left	41:02	Third River
1	9/20/2010	WP19	11.1	left	43:00	
1	9/20/2010	WP20	11.0	left	44:20	
1	9/20/2010	WP21	10.4	left	52:25	Nutley Boat Ramp
1	9/20/2010	WP22	10.3	left	53:50	DeJessa Bridge
1	9/20/2010	WP23	10.2	left	56:20	
2	9/20/2010	WP23	10.2	left	0:05	
2	9/20/2010	WP24	10.0	left	2:10	along Highway 21, under power lines
2	9/20/2010	WP25	8.8	left	12:30	next to Highway 21
2	9/20/2010	WP26	8.5	left	14:20	
2	9/20/2010	WP27	8.4	left	15:52	
2	9/20/2010	WP28	8.5	left	14:27	Route 7 Bridge
2	9/20/2010	WP29 to WP30	8.0	left	19:10	waypoints on either side of confluence with Second River
2	9/20/2010	WP31 to WP32	7.8 to 7.9	left	20:55	Conrail W Arlington Draw Bridge, mudflat extends between waypoints
2	9/20/2010	WP33	7.6	left	23:55	
2	9/20/2010	WP34	7.2	left	27:15	
2	9/20/2010	WP35 to WP37	6.6 to 7.2	left	28:15	

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Video Number	Date	Waypoint	Approximate RM	Bank[a]	Waypoint Start Time[b]	Field Notes
2	9/20/2010	WP38	6.3	left	34:39	
2	9/20/2010	WP39 to WP40	6.0 to 6.1	left	35:26	WP40 at Conrail Bridge-Rail Bridge, permanently raised
2	9/20/2010	WP41	5.8	left	38:01	Clay Street Bridge
2	9/20/2010	WP42	5.6	left	39:35	
2	9/20/2010	WP43 to WP45	5.4 to 5.6	left	43:12	WP43 at 280 Bridge; WP44 at Newark/Harrison Rail Bridge; WP45 at Bridge Street Bridge
2	9/20/2010	WP46 to WP49	4.7 to 5.1	left	47:30	WP49 at Amtrak Bridge
2	9/20/2010	WP50 to WP51	3.9 to 4.3	left	52:35	waypoints on either side of Jackson Street Bridge
2	9/20/2010	WP52	3.7	left	57:30	
3	9/20/2010	WP53	3.6	left	1:20	
3	9/20/2010	WP54	3.5	left	2:54	
3	9/20/2010	WP55	3.4	left	3:31	
3	9/20/2010	WP56	3.3	left	4:27	
3	9/20/2010	WP57	3.3	left	5:10	
3	9/20/2010	WP58	3.1	left	6:43	
3	9/20/2010	WP59	3.0	left	9:03	
3	9/20/2010	WP60	2.9	left	9:39	
3	9/20/2010	WP61	2.8	left	9:57	
3	9/20/2010	WP62	2.5	left	11:56	
3	9/20/2010	WP63	2.4	left	12:34	Turnpike Bridge
3	9/20/2010	WP64	2.2	left	19:00	Point No Point Bridge
3	9/20/2010	WP65	2.1	left	20:00	
3	9/20/2010	WP66	2.0	left	21:19	
3	9/20/2010	WP67	1.7	left	23:35	Pulaski Skyway, ends at Morris Canal
3	9/20/2010	WP68	1.5	left	24:34	Truck 1 and 9 Bridge
3	9/20/2010	WP69	1.4	left	25:18	
3	9/20/2010	WP70	1.3	left	26:16	
3	9/20/2010	WP71	1.2	left	28:00	
3	9/20/2010	WP72	0.1	left	37:45	
3	9/20/2010	WP73	0.3	right	38:00	Kearny Point
3	9/20/2010	WP74	0.4	right	39:35	
3	9/20/2010	WP75	0.9	right	50:15	Truck 1 and 9 Bridge, end transect at upstream of barge

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Video Number	Date	Waypoint	Approximate RM	Bank[a]	Waypoint Start Time[b]	Field Notes
3	9/20/2010	WP76	1.9	right	51:35	Pulaski Skyway
3	9/20/2010	WP77	2.6	right	53:40	Point No Point Bridge, Pulaski Skyway
4	9/20/2010	WP78	3.1	right	0:33	
4	9/20/2010	WP79	3.2	right	6:10	
4	9/20/2010	WP80	3.2	right	6:58	
4	9/20/2010	WP81	3.4	right	7:40	
4	9/20/2010	WP82	3.5	right	8:26	
4	9/20/2010	WP83	3.9	right	12:05	
4	9/20/2010	WP84	4.1	right	13:40	
4	9/20/2010	WP85	4.3	right	15:50	Jackson Street Bridge
4	9/20/2010	WP86	4.4	right	16:50	Bridge Street Bridge
4	9/20/2010	WP87	4.6	right	18:40	Amtrak Bridge
4	9/20/2010	WP88	5.4	right	25:00	280 Bridge, Newark Harr Bridge
4	9/20/2010	WP89	6.2	right	30:45	(old railroad) Conrail Bridge
4	9/20/2010	WP90	6.4	right	34:30	
4	9/20/2010	WP91	6.5	right	36:05	
4	9/20/2010	WP92	6.7	right	37:35	
4	9/20/2010	WP93	7.1	right	38:15	Kearny Boat Ramp
4	9/20/2010	WP94	7.4	right	44:10	
4	9/20/2010	WP95	8.3	right	47:30	Conrail Arlington Bridge
4	9/20/2010	WP96	8.4	right	52:40	
5	9/21/2010	WP97	13.4	left	0:06	
5	9/21/2010	WP98	13.6	left	2:52	
5	9/21/2010	WP99	13.8	left	6:00	
5	9/21/2010	WP100	13.9	left	6:55	Main Avenue Bridge
5	9/21/2010	WP101	13.9	left	7:40	
5	9/21/2010	WP102 to WP103	14.0 to 14.2	left	9:18	waypoints on either side of Dundee Canal Raceway
5	9/21/2010	WP104	14.4	left	16:00	Second Street Bridge
5	9/21/2010	WP105	14.4	left	17:00	
5	9/21/2010	WP106	14.7	left	21:40	
5	9/21/2010	WP107	14.7	left	22:45	
5	9/21/2010	WP108	14.8	left	24:06	
5	9/21/2010	WP109	14.9	left	25:05	
5	9/21/2010	WP110	15.0	left	26:35	Eighth Street Bridge

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Video Number	Date	Waypoint	Approximate RM	Bank[a]	Waypoint Start Time[b]	Field Notes
5	9/21/2010	WP111	15.7	left	39:50	Passaic Street Bridge
5	9/21/2010	WP112	16.0	left	46:05	two bridges at RM 16 (Monroe Street Bridge)
5	9/21/2010	WP113	16.1	left	47:35	
5	9/21/2010	WP114	16.2	left	50:40	Monroe Street Bridge, railroad trestle
6	9/21/2010	WP115	15.5	right	4:15	Saddle River; 8th Street Bridge, small boat ramp, and Second Street Bridge
6	9/21/2010	WP116	14.3	right	30:00	
6	9/21/2010	WP117	14.1	right	33:53	
6	9/21/2010	WP118	13.9	right	35:40	
6	9/21/2010	WP119	13.4	right	37:00	Main Street bridge
6	9/21/2010	WP120	13.3	right	44:55	CPG field facility
6	9/21/2010	WP121	13.3	right	45:20	
6	9/21/2010	WP122	13.2	right	27:00	
6	9/21/2010	WP123	12.5	right	49:20	Union Street Bridge
6	9/21/2010	WP124	12.4	right	50:03	
6	9/21/2010	WP125	12.3	right	55:38	
7	9/21/2010	WP126	12.1	right	0:07	Nereid Boat Club
7	9/21/2010	WP127	12.1	right	7:00	
7	9/21/2010	WP128	11.6	right	17:30	Route 3 Bridge
7	9/21/2010	WP129	11.0	right	20:10	Conrail Lynhurst Bridge
7	9/21/2010	WP130	10.8	right	24:20	Riverside Park, just downstream of boat ramp
7	9/21/2010	WP131	10.5	right	28:43	Riverside Park, just downstream of boat ramp
7	9/21/2010	WP132	10.3	right	36:30	DeJessa Bridge
7	9/21/2010	WP133	10.2	right	37:30	
7	9/21/2010	WP134	10.1	right	39:00	
7	9/21/2010	WP135	9.8	right	43:54	
7	9/21/2010	WP136	9.7	right	45:35	
7	9/21/2010	WP137	9.6	right	46:40	power lines
7	9/21/2010	WP138	9.5	right	47:00	
7	9/21/2010	WP139	9.5	right	48:35	boat ramp
7	9/21/2010	WP140	8.9	right	56:45	small mudflat
7	9/21/2010	WP141	8.8	right	57:35	bordering park

Table 1. Video timestamp log for LPRSA surveyed waypoints

Video Number	Date	Waypoint	Approximate RM	Bank[a]	Waypoint Start Time[b]	Field Notes
7	9/21/2010	WP142	8.6	right	60:04	
8	9/21/2010	WP143	8.4	right	1:20	Route 7 Bridge to Kearny/Nutley High School boat club/ramp
8	9/21/2010	WP144	16.6	right	2:05	
8	9/21/2010	WP145	17.0	right	4:20	Fort Ford
8	9/21/2010	WP146	17.2	right	6:30	

[a] Left bank is the bank on the left of the river when facing upstream; right bank is the bank on the right of the river when facing upstream.

[b] Waypoint start time refers to the video timestamp (in minutes and seconds).

CPG – Cooperating Parties Group
RM – River Mile
LPRSA – Lower Passaic River Study Area

Table 2. Video timestamp log for LPRSA tributary surveyed waypoints

Video Number	Date	Waypoint	Tributary	Waypoint Start Time[a]	Location Name[b]
8	9/22/2010	WP147	Second River	8:45	Passaic
8	9/22/2010	WP148	Second River	9:40	Belleville
8	9/22/2010	WP149	Second River	11:00	Bloomfield
8	9/22/2010	WP150	Second River	12:10	Watsessing Park
8	9/22/2010	WP151	Second River	13:35	Mills
8	9/22/2010	WP152	Second River	15:00	Wigwam Brook
8	9/22/2010	WP153	Third River	16:00	Glen Ridge Country Club
8	9/22/2010	WP154	Third River	17:00	JFK Parkway
8	9/22/2010	WP155	Third River	18:35	Forest Hills Field Club
8	9/22/2010	WP156	Third River	21:00	Clarks Pond
8	9/22/2010	WP157	Third River	21:05	Bonsal Wildlife Park
8	9/22/2010	WP158	Third River	23:10	Clifton Pond
8	9/22/2010	WP159	Saddle River	23:15	Ox Bow
8	9/22/2010	WP160	Saddle River	25:20	Felician College South
8	9/22/2010	WP161	Saddle River	25:25	Lodi Cemetaries
8	9/22/2010	WP162	Saddle River	26:55	County Park
8	9/22/2010	WP163	Saddle River	27:45	Arcola Pool Site
8	9/23/2010	WP164	Third River	29:20	River Mouth

[a] Waypoint start time refers to the video timestamp (in minutes and seconds).

[b] Specific locations requested by USACE and considered to be potential LPRSA tributary restoration site locations.

LPRSA – Lower Passaic River Study Area
WP – waypoint
USACE – US Army Corps of Engineers