

Preliminary Ecosystem-Based Rehabilitation Plan

ID	Task Name	Duration	Start	Finish	Fixed Cost	Predecessors	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
1	Lower Fox River Pre-construction activities	584 days	10/5/01	12/31/03	\$0.00												
2	PRAP Public Comment Period (3+ months)	77 days	10/5/01	1/21/02	\$0.00												
3	EPA Record of Decision (9 months)	180 days	1/22/02	9/30/02	\$0.00	2											
4	Consent Decree (15 months)	327 days	10/1/02	12/31/03	\$0.00	3											
5	Agency Oversight - Comment Period, ROD, and Consent Decree	584 days	10/5/01	12/31/03	\$0.00	2SS											
6	Navigational Dredging (from EIS Report)	4177 days	4/1/03	4/3/19	\$0.00												
7	Navigational Dredging- Tipping Fees for Reach 1 (from EIS Report) (1 Yr)	1 day	4/1/03	4/1/03	\$888,000.00												
8	Navigational Dredging- Tipping Fees for Reach 1 (from EIS Report) (1 Yr)	1 day	4/2/12	4/2/12	\$888,000.00												
9	Navigational Dredging-Tipping Fees for Reach 4 (from EIS Report) (17 Yrs.)	4177 days	4/1/03	4/3/19	\$26,520,000.00	7SS											
10	Reach 1 Schedule Summary	11697 days	1/1/04	10/30/48	\$0.00												
11	Reach 1 Design & Permitting	1108 days	1/1/04	3/31/08	\$0.00												
12	Reach 1 Design Investigation Workplan with approval	65 days	1/1/04	3/31/04	\$1,024,889.00	4											
13	Procure Investigation Contractors	65 days	1/1/04	3/31/04	\$256,222.00	12SS											
14	Institutional Controls and Monitoring Plans	218 days	1/1/04	11/1/04	\$275,000.00	4											
15	Reach 1 Design Investigation (Baseline Sampling)	522 days	4/1/04	3/31/06	\$1,827,758.00	12											
16	Agency Oversight - Design Investigation	587 days	1/1/04	3/31/06	\$390,095.00	12SS											
17	30% and 100% Design and Permitting with approval	326 days	4/3/06	7/2/07	\$2,562,223.00	16											
18	Agency Oversight - Design and Permitting	326 days	4/3/06	7/2/07	\$270,084.00	17SS											
19	Pre-Construction Baseline Monitoring	521 days	4/3/06	3/31/08	\$641,370.00	15											
20	Agency Oversight - Pre-Construction Monitoring	521 days	4/3/06	3/31/08	\$6,337.00	19SS											
21	Reach 1 Site-Prep activities	1538 days	7/3/07	5/23/13	\$0.00												
22	Bid preparation, solicitation, evaluation, and award	68 days	7/3/07	10/4/07	\$0.00	17											
23	Procure Prime Contractor	20 days	10/5/07	11/1/07	\$0.00	22											
24	Land Acquisition	88 days	7/3/07	11/1/07	\$0.00	17											
25	Property Tax	1538 days	7/3/07	5/23/13	\$155,204.00	17											
26	Site Preparation	100 days	11/2/07	3/20/08	\$1,729,786.00	24											
27	Purchase Equipment	100 days	11/2/07	3/20/08	\$0.00	24											
28	Agency Oversight - Site Prep Activities	188 days	7/3/07	3/20/08	\$79,442.00	22SS											
29	Reach 1 Emergent Wetlands	394 days	3/21/08	9/23/09	\$0.00												
30	Mobilization/Demobilization Costs for Construction	22 days	3/21/08	4/21/08	\$208,626.00	27											
31	Survey Costs	15 days	4/1/08	4/21/08	\$91,694.00	30FF											
32	Silt Curtain Cost	10 days	4/1/08	4/14/08	\$64,177.00	31SS											
33	Sand (Material & Delivery)	128 days	4/15/08	10/9/08	\$1,082,456.00	32											
34	Topsoil (Material & Delivery)	128 days	4/15/08	10/9/08	\$363,023.00	33SS											
35	Sand and Topsoil Placement	128 days	4/15/08	10/9/08	\$2,985,863.00	33SS											
36	Repair and Maintenance	65 days	6/25/09	9/23/09	\$703,022.00	137											

Lower Fox River Site
Preliminary EBRP Remedy 1/17/02
Project Control Companies, Inc.

Task Milestone Rolled Up Split External Tasks

Split Summary Rolled Up Milestone Project Summary

Progress Rolled Up Task Rolled Up Progress

Preliminary Ecosystem-Based Rehabilitation Plan

ID	Task Name	Duration	Start	Finish	Fixed Cost	Predecessors	2012															
							'0	'0	'0	'0	'0	'0	'0	'0	'0	'0	'0	'0				
37	Mob/Demob for Repair and Maintenance	65 days	6/25/09	9/23/09	\$113,940.00	36SS																
38	Wetland Plantings	65 days	4/15/08	7/14/08	\$450,000.00	35SS																
39	Winterization of Barges	130 days	10/10/08	4/9/09	\$106,819.00	35																
40	Reach 1 Subaqueous Cap Construction (4 seasons)	1089 days	3/21/08	5/23/12	\$0.00																	
41	Mobilization/Demobilization Costs	937 days	3/21/08	10/24/11	\$841,890.00	30SS																
42	Silt Curtain Costs	930 days	4/1/08	10/24/11	\$256,709.00	31SS																
43	Sand Cap (Materials & Delivery & Handling) (4 seasons)	920 days	4/15/08	10/24/11	\$9,945,294.00	33SS																
44	Gravel Cap (Materials & Delivery & Handling) (4 Seasons)	920 days	4/15/08	10/24/11	\$200,710.00	43SS																
45	Sand and Gravel Placement	920 days	4/15/08	10/24/11	\$13,198,113.00	43SS																
46	Winterization of Barges	641 days	10/30/08	4/14/11	\$427,275.00	43SS+142 days																
47	Placement QA/Bathymetry	920 days	4/15/08	10/24/11	\$1,838,641.00	43SS																
48	Baseline Monitoring during Construction	1044 days	4/1/08	3/30/12	\$1,135,168.00	19																
49	Site Restoration	152 days	10/25/11	5/23/12	\$713,137.00	43																
50	Agency Oversight - Subaqueous Cap Construction	1089 days	3/21/08	5/23/12	\$725,604.00	41SS																
51	Reach 1 Management Fees	2190 days	1/1/04	5/23/12	\$0.00																	
52	Project Management fees	2190 days	1/1/04	5/23/12	\$2,724,165.00	4																
53	Project Management fees - Initial Costs	1262 days	1/1/04	10/31/08	\$1,000,000.00	4																
54	Construction Management (from Site Prep to Site Restoration)	1189 days	11/2/07	5/23/12	\$2,135,185.00	26SS																
55	Prime Contractor Overhead & Profit (from Site Prep to Site Restoration)	1189 days	11/2/07	5/23/12	\$6,092,163.00	26SS																
56	Reach 1 Long Term Monitoring	9545 days	4/2/12	10/30/48	\$0.00																	
57	Long Term Monitoring - Ending in Year 2051	9545 days	4/2/12	10/30/48	\$7,978,702.00	48																
58	Agency Oversight - Long Term Monitoring	9545 days	4/2/12	10/30/48	\$125,582.00	57SS																
59	Reach 2 Monitored Natural Recovery	11697 days	1/1/04	10/30/48	\$0.00																	
60	Reach 2 Design Investigation Workplan with Approval	65 days	1/1/04	3/31/04	\$93,750.00	4																
61	Procure Investigation Contractors	65 days	1/1/04	3/31/04	\$93,750.00	60SS																
62	Institutional Controls and Monitoring Plans	218 days	1/1/04	11/1/04	\$93,750.00	4																
63	Reach 2 Design Investigation for MNR	522 days	4/1/04	3/31/06	\$1,307,552.00	15SS																
64	Agency Oversight - Design Investigation	587 days	1/1/04	3/31/06	\$172,191.00	60SS																
65	30% and 100% Design of MNR program with approval	326 days	4/3/06	7/2/07	\$93,750.00	64																
66	Agency Oversight - Design	326 days	4/3/06	7/2/07	\$66,328.00	65SS																
67	Pre-Construction (per Reach 1) Monitoring	521 days	4/3/06	3/31/08	\$568,782.00	19SS																
68	Agency Oversight - Pre-Construction (per Reach 1) Monitoring	521 days	4/3/06	3/31/08	\$6,337.00	67SS																
69	Baseline Monitoring during Construction of Reach 1	1044 days	4/1/08	3/30/12	\$1,006,692.00	48SS																
70	Agency Oversight - Baseline Monitoring during Construction of Reach 1	1044 days	4/1/08	3/30/12	\$12,699.00	69SS																
71	Long Term Monitoring - Ending in Year 2051	9545 days	4/2/12	10/30/48	\$6,736,508.00	57SS																
72	Agency Oversight - Long Term Monitoring	9545 days	4/2/12	10/30/48	\$125,582.00	58SS																

Lower Fox River Site
Preliminary EBRP Remedy 1/17/02
Project Control Companies, Inc.

Task		Milestone		Rolled Up Split		External Tasks	
Split		Summary		Rolled Up Milestone		Project Summary	
Progress		Rolled Up Task		Rolled Up Progress			

Preliminary Ecosystem-Based Rehabilitation Plan

ID	Task Name	Duration	Start	Finish	Fixed Cost	Predecessors	2009	2010	2011	2012	
73	Reach 3 Schedule Summary	11697 days	1/1/04	10/30/48	\$0.00						
74	Design and Permitting	2152 days	1/1/04	3/30/12	\$0.00						
75	Institutional Controls and Monitoring Plans	218 days	1/1/04	11/1/04	\$275,000.00	4					
76	Pre-Construction Baseline Monitoring (Phase I)	1043 days	4/1/04	3/31/08	\$1,158,264.00	4FS+65 days					
77	Agency Oversight - Preconstruction Monitoring (Phase I)	1043 days	4/1/04	3/31/08	\$12,687.00	76SS					
78	Reach 3 Design Investigation Workplan with approval	65 days	1/1/08	3/31/08	\$410,682.00						
79	Procure Investigation Contractors	65 days	1/1/08	3/31/08	\$102,670.00	78SS					
80	Reach 3 Design Investigation (Baseline Sampling)	522 days	4/1/08	3/31/10	\$1,603,074.00	76					
81	Agency Oversight - Design Investigation	522 days	4/1/08	3/31/10	\$350,151.00	80SS					
82	30% and 100% Design and Permitting with approval	327 days	4/1/10	7/1/11	\$1,026,704.00	81					
83	Agency Oversight - Design and Permitting	327 days	4/1/10	7/1/11	\$277,948.00	82SS					
84	Pre-Construction Baseline Monitoring (Phase II)	522 days	4/1/10	3/30/12	\$579,132.00	80					
85	Agency Oversight - Preconstruction Monitoring (Phase II)	522 days	4/1/10	3/30/12	\$6,349.00	84SS					
86	Reach 3 Site-Prep Activities	898 days	7/4/11	12/10/14	\$0.00						
87	Bid preparation, solicitation, evaluation, and award	68 days	7/4/11	10/5/11	\$0.00	82					
88	Procure prime contractor	20 days	10/6/11	11/2/11	\$0.00	87					
89	Land Acquisition	88 days	7/4/11	11/2/11	\$0.00	82					
90	Property Tax	898 days	7/4/11	12/10/14	\$103,469.00	82					
91	Site Preparation	100 days	11/3/11	3/21/12	\$1,729,786.00	89					
92	Purchase Equipment	100 days	11/3/11	3/21/12	\$0.00	91SS					
93	Agency Oversight - Site Prep Activities	188 days	7/4/11	3/21/12	\$79,442.00	87SS					
94	Reach 3 Subaqueous Cap Construction (2 seasons)	528 days	3/22/12	3/31/14	\$0.00						
95	Mobilization/Demobilization Costs	409 days	3/22/12	10/15/13	\$420,945.00	92					
96	Silt Curtain Costs	399 days	4/5/12	10/15/13	\$128,355.00	95SS+10 days					
97	Sand Cap (Materials & Delivery & Handling) (2 Seasons)	390 days	4/18/12	10/15/13	\$2,313,140.00						
98	Gravel Cap (Materials & Delivery & Handling) (2 Seasons)	390 days	4/18/12	10/15/13	\$1,230,833.00	97SS					
99	Sand and Gravel Placement	390 days	4/18/12	10/15/13	\$6,599,057.00	97SS					
100	Placement QA/Bathymetry	390 days	4/18/12	10/15/13	\$919,321.00	97FF					
101	Baseline Monitoring during Construction	521 days	4/2/12	3/31/14	\$512,506.00	84					
102	Site Restoration	40 days	10/16/13	12/10/13	\$713,137.00	99					
103	Agency Oversight - Subaqueous Cap Construction	449 days	3/22/12	12/10/13	\$305,945.00	95SS					
104	Reach 3 Management fees	2594 days	1/1/04	12/10/13	\$0.00						
105	Project Management fees	2594 days	1/1/04	12/10/13	\$1,118,598.00	4					
106	Project Management fees - Initial Costs	2305 days	1/1/04	10/31/12	\$500,000.00	105SS					
107	Construction Management (from Site Prep to Site Restoration)	549 days	11/3/11	12/10/13	\$855,585.00	91SS					
108	Prime Contractor Overhead & Profit (from Site Prep to Site Restoration)	549 days	11/3/11	12/10/13	\$2,441,178.00	91SS					

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Task		Milestone		Rolled Up Split		External Tasks	
Split		Summary		Rolled Up Milestone		Project Summary	
Progress		Rolled Up Task		Rolled Up Progress			

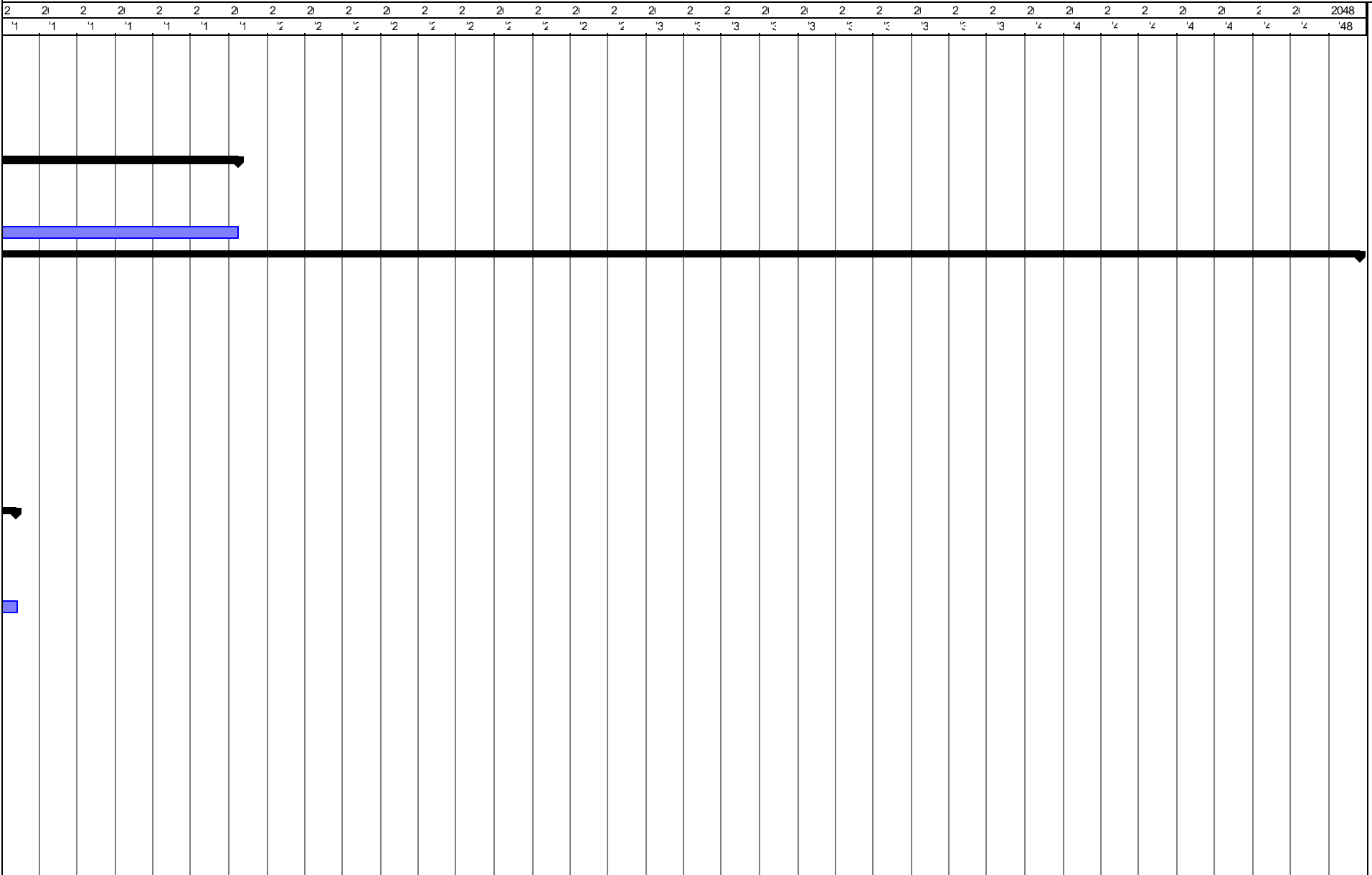
Preliminary Ecosystem-Based Rehabilitation Plan

ID	Task Name	Duration	Start	Finish	Fixed Cost	Predecessors	2012															
							'0	'0	'0	'0	'0	'0	'0	'0	'0	'0	'0	'0				
109	Reach 3 Long Term Monitoring	9024 days	4/1/14	10/30/48	\$0.00																	
110	Long Term Monitoring - Ending in Year 2053	9024 days	4/1/14	10/30/48	\$6,977,367.00	101																
111	Agency Oversight - Long Term Monitoring	9024 days	4/1/14	10/30/48	\$125,571.00	110SS																
112	Reach 4A Schedule Summary	11697 days	1/1/04	10/30/48	\$0.00																	
113	Reach 4A Design & Permitting	1108 days	1/1/04	3/31/08	\$0.00																	
114	Reach 4A Design Investigation Workplan with Approval	65 days	1/1/04	3/31/04	\$1,796,430.00	4																
115	Procure Investigation Contractors	65 days	1/1/04	3/31/04	\$449,107.00	114SS																
116	Institutional Controls and Monitoring Plans	218 days	1/1/04	11/1/04	\$275,000.00	4																
117	Reach 4A Design Investigation (Baseline Sampling)	522 days	4/1/04	3/31/06	\$1,978,258.00	114																
118	Agency Oversight - Design Investigation	587 days	1/1/04	3/31/06	\$390,095.00	114SS																
119	30% and 100% Design and Permitting with approval	326 days	4/3/06	7/2/07	\$4,491,074.00	118																
120	Agency Oversight - Design and Permitting	326 days	4/3/06	7/2/07	\$270,084.00	119SS																
121	Pre-Construction Baseline Monitoring	521 days	4/3/06	3/31/08	\$628,240.00	117																
122	Agency Oversight - Preconstruction Baseline Monitoring	521 days	4/3/06	3/31/08	\$6,337.00	121SS																
123	Reach 4A Site Preparation	3134 days	7/3/07	7/5/19	\$0.00																	
124	Bid preparation, solicitation, evaluation, and award	68 days	7/3/07	10/4/07	\$0.00	119																
125	Procure Prime Contractor	20 days	10/5/07	11/1/07	\$0.00	124																
126	Land Acquisition	88 days	7/3/07	11/1/07	\$0.00	119																
127	Property Tax	3134 days	7/3/07	7/5/19	\$310,407.00	126SS																
128	Site Preparation	100 days	11/2/07	3/20/08	\$1,729,786.00	126																
129	Purchase Equipment	100 days	11/2/07	3/20/08	\$0.00	128SS																
130	Agency Oversight - Site Prep Activities	188 days	7/3/07	3/20/08	\$79,442.00	124SS																
131	Reach 4A Emergent Wetlands	155 days	3/23/09	10/23/09	\$0.00																	
132	Mobilization/Demobilization Costs for Construction	15 days	3/23/09	4/10/09	\$208,626.00	39FS-14 days																
133	Survey Costs	10 days	4/13/09	4/24/09	\$27,519.00	132																
134	Silt Curtain Cost	43 days	4/27/09	6/24/09	\$64,177.00	133																
135	Sand (Material & Delivery)	43 days	4/27/09	6/24/09	\$396,021.00	134SS																
136	Topsoil (Material & Delivery)	43 days	4/27/09	6/24/09	\$95,532.00	134SS																
137	Sand and Topsoil Placement	43 days	4/27/09	6/24/09	\$995,288.00	134SS																
138	Repair and Maintenance	22 days	9/24/09	10/23/09	\$233,369.00	37																
139	Mob/Demob for Repair and Maintenance	22 days	9/24/09	10/23/09	\$113,940.00	138SS																
140	Wetland Plantings	20 days	5/28/09	6/24/09	\$150,000.00	137FF																
141	Reach 4A Subaqueous Cap Construction (10 Seasons)	2685 days	3/21/08	7/5/18	\$0.00																	
142	Mobilization/Demobilization Costs	2505 days	3/21/08	10/26/17	\$2,104,725.00	41SS																
143	Silt Curtain Costs	2490 days	4/11/08	10/26/17	\$641,773.00	42SS+8 days																
144	Sand Cap (Materials & Delivery & Handling) (10 Seasons)	2480 days	4/25/08	10/26/17	\$12,092,112.00	143SS+10 days																

Lower Fox River Site
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Project Control Companies, Inc.

Task		Milestone		Rolled Up Split		External Tasks	
Split		Summary		Rolled Up Milestone		Project Summary	
Progress		Rolled Up Task		Rolled Up Progress			

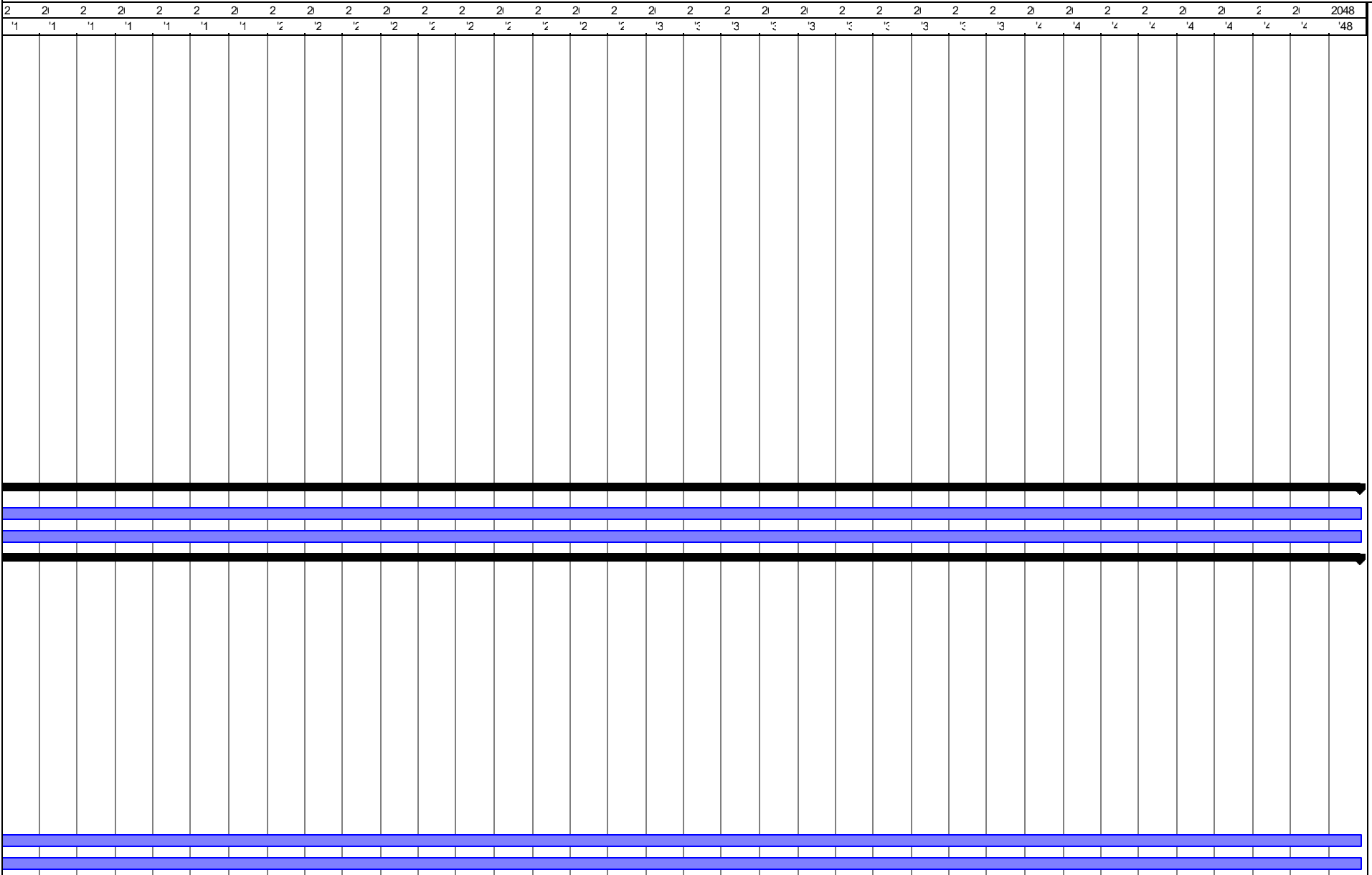
Preliminary Ecosystem-Based Rehabilitation Plan



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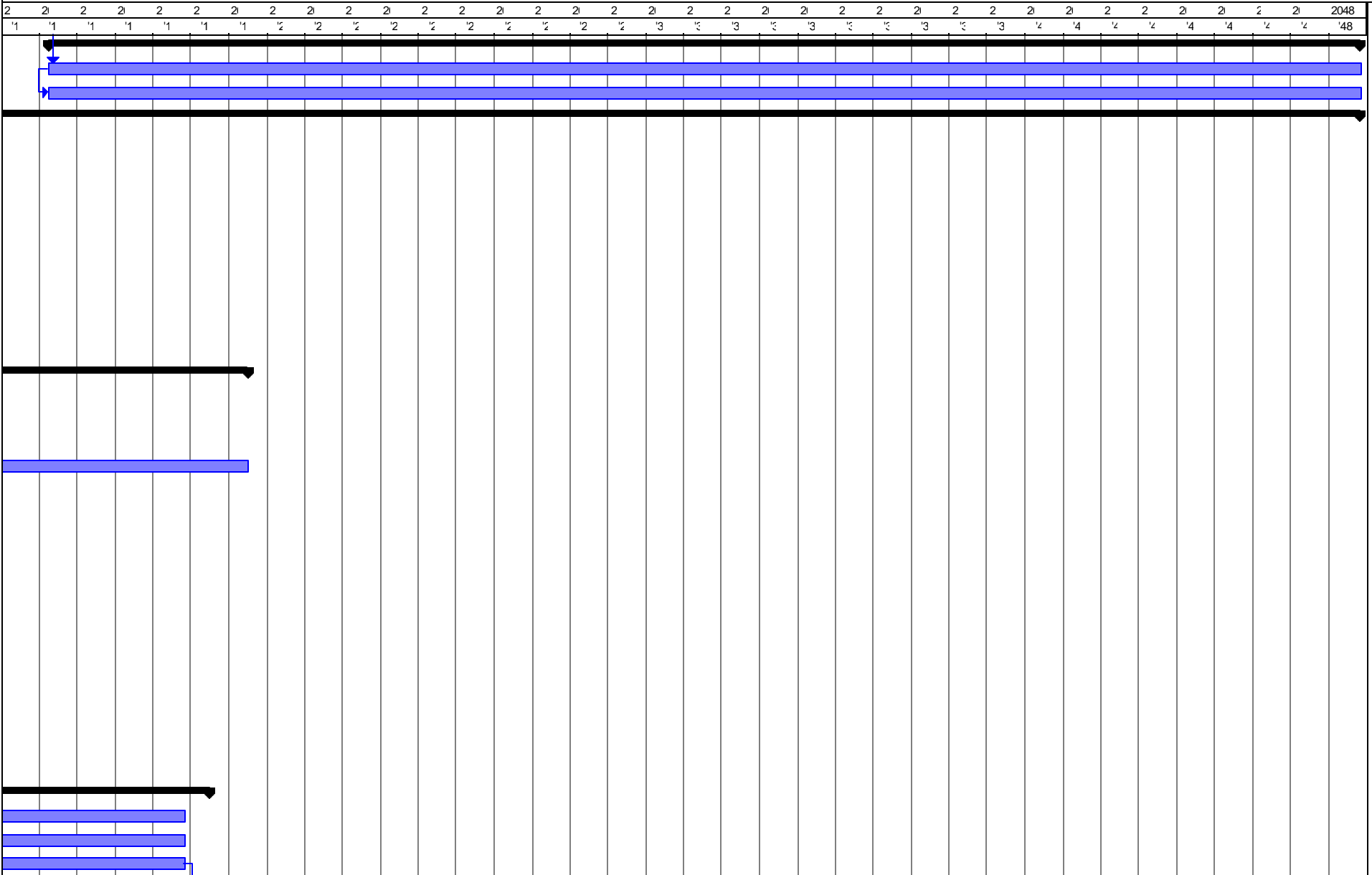
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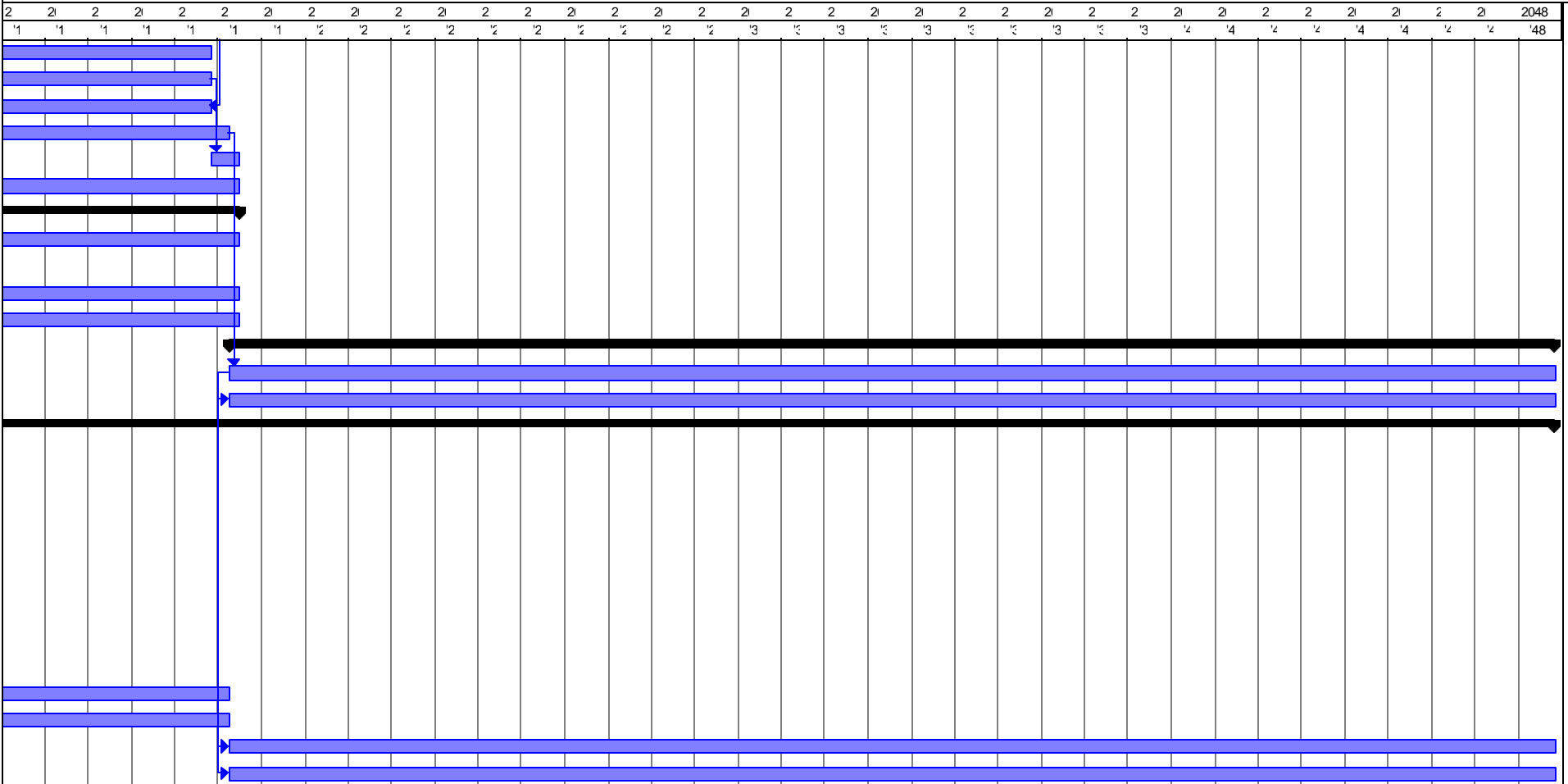
Lower Fox River Site Preliminary EBRP Remedy 1/17/02 Project Control Companies, Inc.	Task		Milestone		Rolled Up Split		External Tasks	
	Split		Summary		Rolled Up Milestone		Project Summary	
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