Water Resources Analysis Schedule

ID	Task Name	Duration	Start	Finish	Predecessors
1	1. Water Quality Analysis	161 days	Tue 11/4/88	Tue 6/1/89	
2	Analyze Existing Data	10 days	Tue 11/8/88	Fri 11/25/88	
3	Statistics on WQ Monitoring Data	10 days	Tue 11/8/88	Fri 11/25/88	
4	Determine Data Gaps	4 days	Tue 11/8/88	Fri 11/18/88	
5	Characterize Sources	14 days	Tue 11/8/88	Fri 11/25/88	
6	Collect Data (background metals, flood conditions)	30 days	Mon 11/21/88	Fri 12/30/88	
7	Prepare and Implem. Sampling Plan for Receiv. Water Data (1)	20 days	Mon 11/28/88	Fri 12/30/88	4
8	Continue Sampling Program	10 days	Mon 12/26/88	Fri 12/30/88	7
9	WET Testing (MFDSS Test Results Applied to Dilution Zone)	10 days	Mon 11/14/88	Fri 12/2/88	
10	Determine Criteria (Geo Mixture and Miller Creek)	40 days	Mon 11/14/88	Fri 1/6/89	
11	Determine Metals Criteria	5 days	Mon 12/26/88	Fri 12/30/88	7
12	Develop Cinnb-Specific Translator	5 days	Mon 12/26/88	Fri 12/30/88	11,88
13	Calculate Criteria	10 days	Mon 12/26/88	Fri 1/6/89	12
14	Preliminary Mixing Zone Study	40 days	Mon 11/14/88	Fri 1/6/89	13FF
15	Determine Mixing Zone	10 days	Mon 1/1/89	Fri 1/20/89	14,9
16	Source Controls	35 days	Mon 11/28/88	Fri 1/20/89	
17	Determine Feasible Source Controls	15 days	Mon 11/28/88	Fri 12/16/88	6
18	Estimate Removal Rates	10 days	Mon 12/19/88	Fri 12/30/88	17
19	Conventional Treatment	40 days	Mon 11/14/88	Fri 1/6/89	
20	Select Feasible Treatment BMPs (3)	15 days	Mon 11/14/88	Fri 12/2/88	
21	Estimate Removal Efficiencies	5 days	Mon 12/5/88	Fri 12/11/88	20
22	Develop Conceptual Water Quality BMP Plan	20 days	Mon 12/12/88	Fri 1/6/89	21
23	Reasonable Potential Analysis (RPA)	10 days	Mon 1/9/89	Fri 1/20/89	
24	Run Reasonable Potential Analysis	10 days	Mon 1/23/89	Fri 2/3/89	14,15,22,15
25	Water Effects Ratio	85 days	Tue 11/8/88	Fri 3/3/89	
26	Determine Applicability	10 days	Tue 11/8/88	Fri 11/27/88	
27	WER or Partitioning Coefficients (3)	20 days	Mon 2/6/89	Fri 3/3/89	24
28	Negotiations	143 days	Mon 11/14/88	Tue 6/1/89	
29	Ecology Negotiations	143 days	Mon 11/14/88	Tue 6/1/89	
30	Meeting: Approach	0 days	Mon 11/28/88	Mon 11/28/88	
31	Meeting: Prelim. Results; RPA Assumptions and Approach	0 days	Mon 1/1/89	Mon 1/1/89	
32	Meeting: Discuss RPA Results	0 days	Mon 2/6/89	Mon 2/6/89	27SS,24
33	Meeting: Develop Compliance Schedule	0 days	Wed 2/24/89	Wed 2/24/89	
34	Reports	60 days	Mon 2/6/89	Fri 4/28/89	
35	Draft	30 days	Mon 2/6/89	Fri 3/17/89	27SS,24
36	Port Review	15 days	Mon 3/20/89	Fri 4/7/89	35
37	Final (4)	15 days	Mon 4/10/89	Fri 4/28/89	36
38	2. Final Flows Analysis	120 days	Tue 11/8/88	Fri 4/28/89	
39	Sampling and Analysis Plan	10 days	Tue 11/8/88	Mon 11/21/88	
40	Water Sampling	74 days	Tue 11/15/88	Fri 2/24/89	39
41	Biological Effects Paper Study	24 days	Tue 11/8/88	Fri 12/9/88	
42	Results Report	45 days	Mon 2/13/89	Fri 4/28/89	40
43	Prepare Draft	25 days	Mon 2/13/89	Fri 3/24/89	
44	Discuss with Ecology	0 days	Fri 3/3/89	Fri 3/3/89	
45	Port Review	15 days	Mon 3/20/89	Fri 4/7/89	43
46	Final Report	15 days	Mon 4/10/89	Fri 4/28/89	45
47	3. Water Quantity Analysis	120 days	Tue 11/8/88	Fri 4/28/89	
48	Flow Augmentation	84 days	Tue 11/8/88	Fri 3/3/89	
49	Negotiations	34 days	Tue 11/8/88	Fri 12/30/88	
50	Continue Negotiations	60 days	Mon 12/21/88	Fri 3/10/89	49
51	Additional Study and Recommendation	60 days	Mon 12/21/88	Fri 3/10/89	50SS
52	Peak Flows	110 days	Fri 11/25/88	Fri 4/28/89	
53	Discuss Existing Analysis	0 days	Fri 11/25/88	Fri 11/25/88	
54	Determine Flow Standards	0 days	Fri 11/25/88	Fri 11/25/88	
55	Modify Preliminary Report	40 days	Mon 11/28/88	Fri 1/13/89	54
56	Ecology Review	20 days	Mon 1/16/89	Fri 2/10/89	55
57	Complete Draft Report	20 days	Mon 2/13/89	Fri 3/10/89	56
58	Port Review	15 days	Mon 3/13/89	Fri 4/7/89	57
59	Final Report	20 days	Mon 4/10/89	Fri 4/28/89	58

Parametrix, Inc.
Project: Water Resources Analysis
Date: Wed 11/4/88

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