

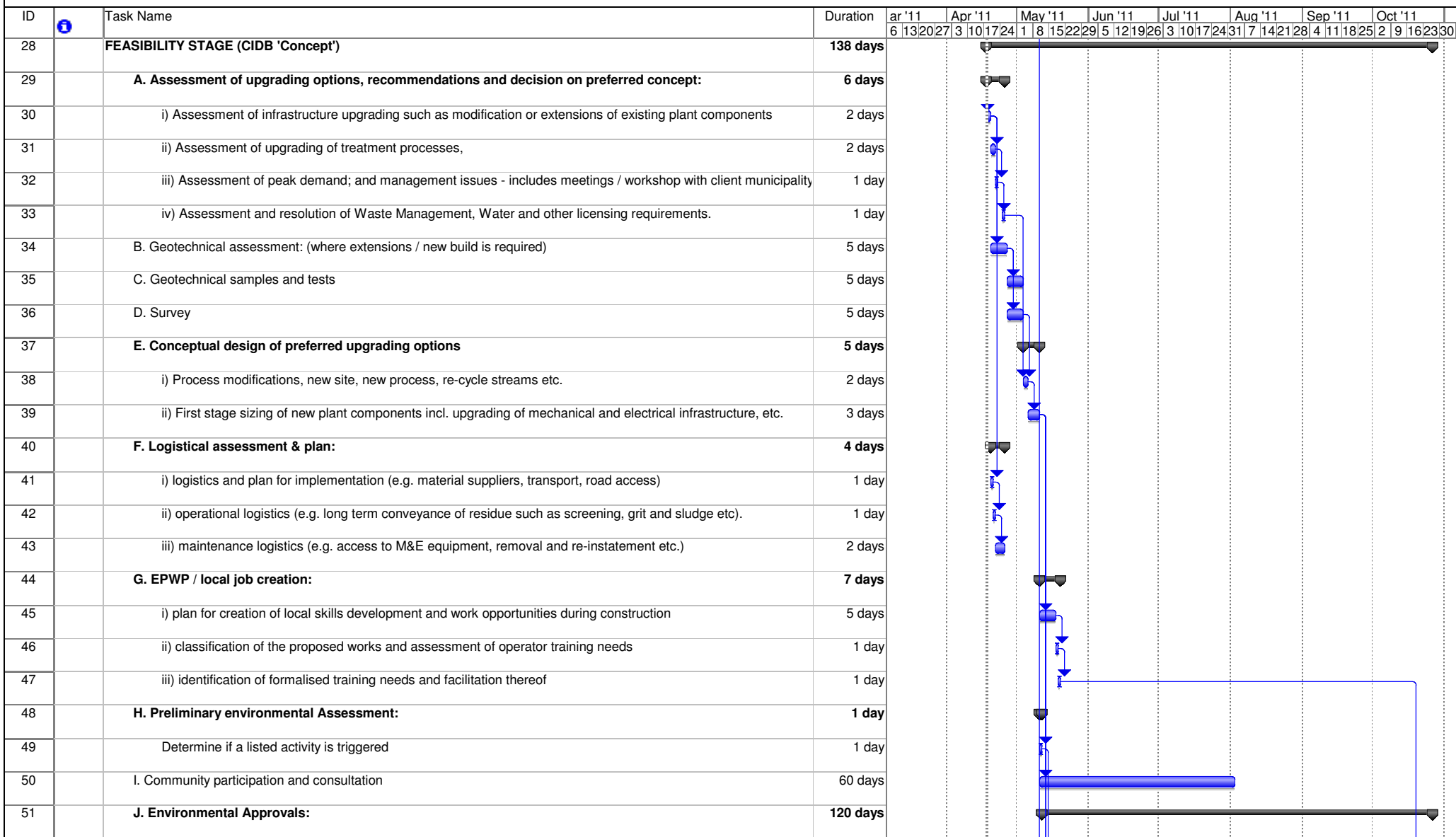
# Water Treatment Works Toolkit Example Gantt Chart

ID	Task Name	Duration	Mar '11		Apr '11		May '11		Jun '11		Jul '11		Aug '11		Sep '11		Oct '11																	
			6	13	20	27	3	10	17	24	1	8	15	22	29	5	12	19	26	3	10	17	24	31	7	14	21	28	4	11	18	25	2	9
1	<b>PRELIMINARY ASSESSMENT STAGE</b>	9 days																																
5	<b>PRE FEASIBILITY STAGE (CIDB 'Assessment')</b>	15 days																																
6	<b>A. Situational Analysis including influent characteristics and treatment plant assessment:</b>	6 days?																																
7	i) Analyze raw water flows (average daily flows, peak flows and demands);	0.5 days																																
8	ii) Analyze raw water characteristics.	0.5 days																																
9	iii) Analyze existing treatment plant capacities	1 day																																
10	iv) Analyse treatment processes	1 day																																
11	v) Analyze and assess existing unit treatment process capacity and plant management.	1 day																																
12	vi) Confirm legislative and environmental requirements	2 days																																
13	vii) Comment on seasonal raw water quality fluctuations and risk.	2 days																																
14	viii) Comment on staffing levels and current plant classification	0.5 days																																
15	ix) Obtain copies of existing allocation and comment on compliance & sufficiency.	1 day																																
16	<b>B. Future Treatment capacity assessment</b>	7 days																																
17	i) Assess the catchment demographic profile	1 day																																
18	ii) Confirm development plans (residential and industrial)	2 days																																
19	iii) Consider raw water assumptions and quality fluctuation	1 day																																
20	iv) Recommend remedial action of quality and risk factors	0.5 days																																
21	v) Assess the expected changes in raw water quality.	1 day																																
22	vi) Assess the different changes in raw water from different sources if applicable.	1 day																																
23	vii) Assess back wash, chemical wash, sludge treatment and raw water disposal requirements	0.5 days																																
24	<b>C. Effluent sample testing</b>	10 days																																
25	In the likely event that no recent and reliable data already exists	10 days																																
26	<b>D. Problem statement</b>	2 days																																
27	Meetings with client municipality etc.	2 days																																

Water Treatment Works Upgrade Project Preparation : Illustrative Gantt Chart (Timetable)



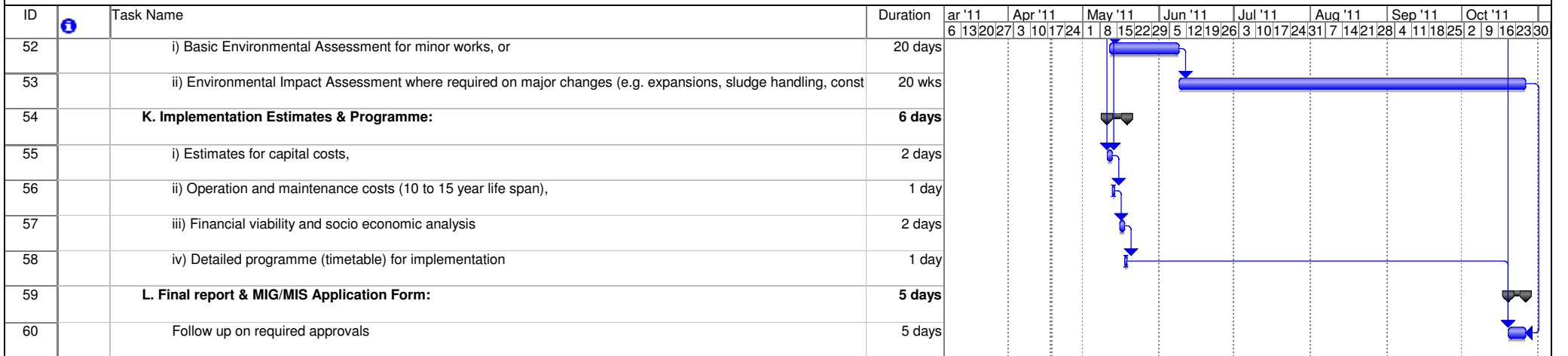
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Water Treatment Works Upgrade Project Preparation : Illustrative Gantt Chart (Timetable)



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