



PROJECT:

Vartry Water Supply Project - Water Treatment Plant & Reservoir Upgrade Contract

(IW Ref 16/085)

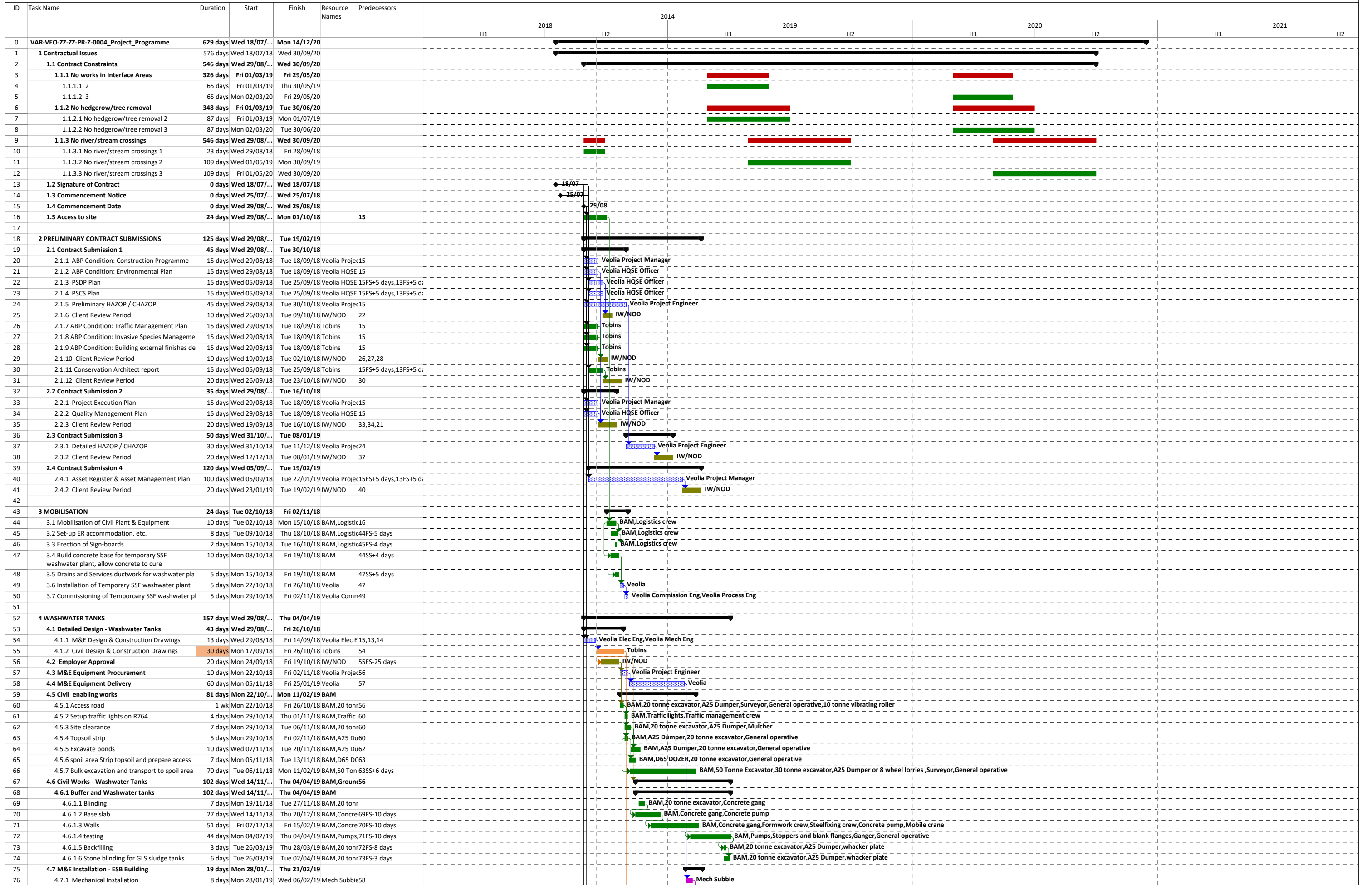
DOCUMENT:

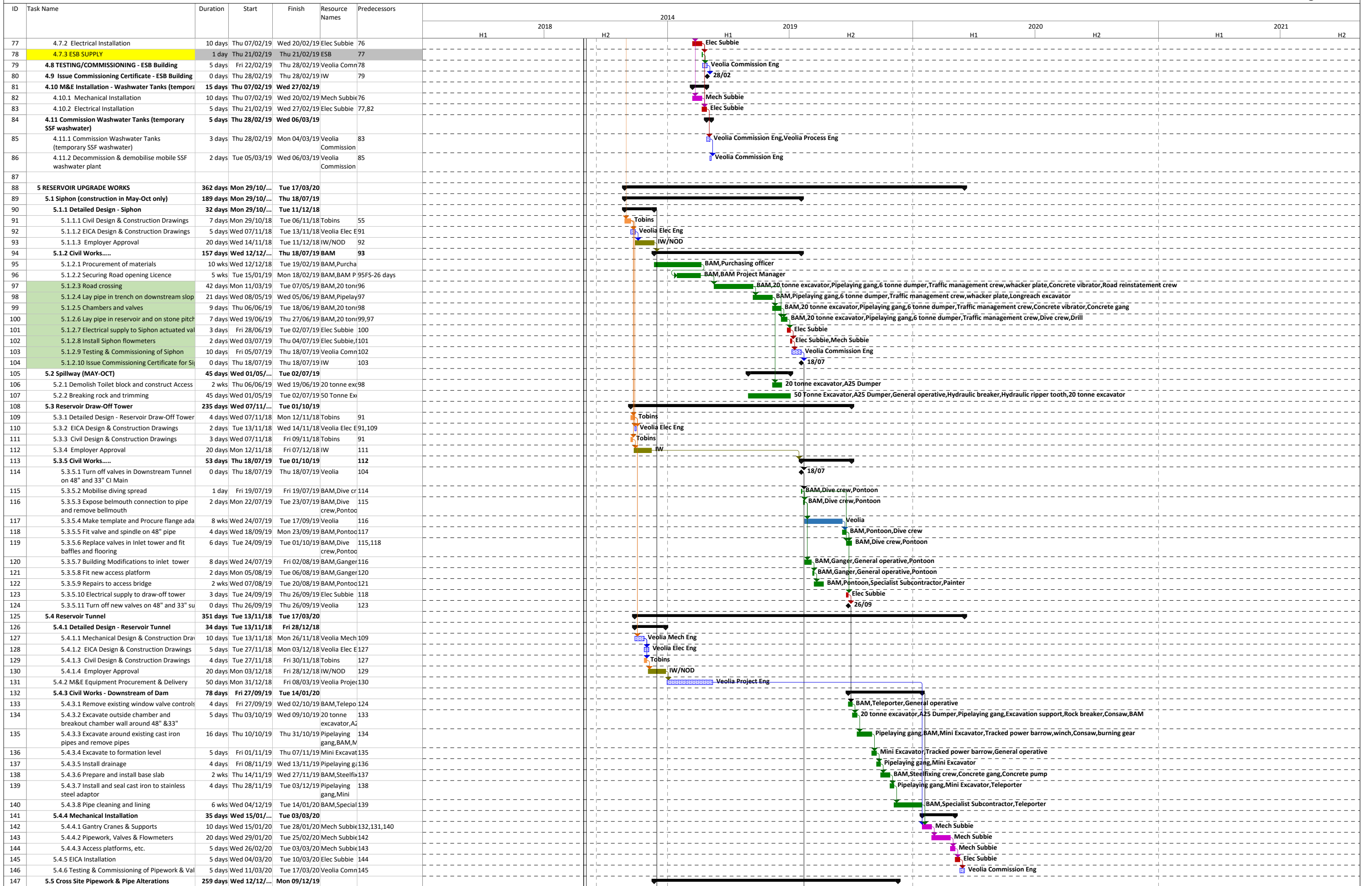
Project Programme

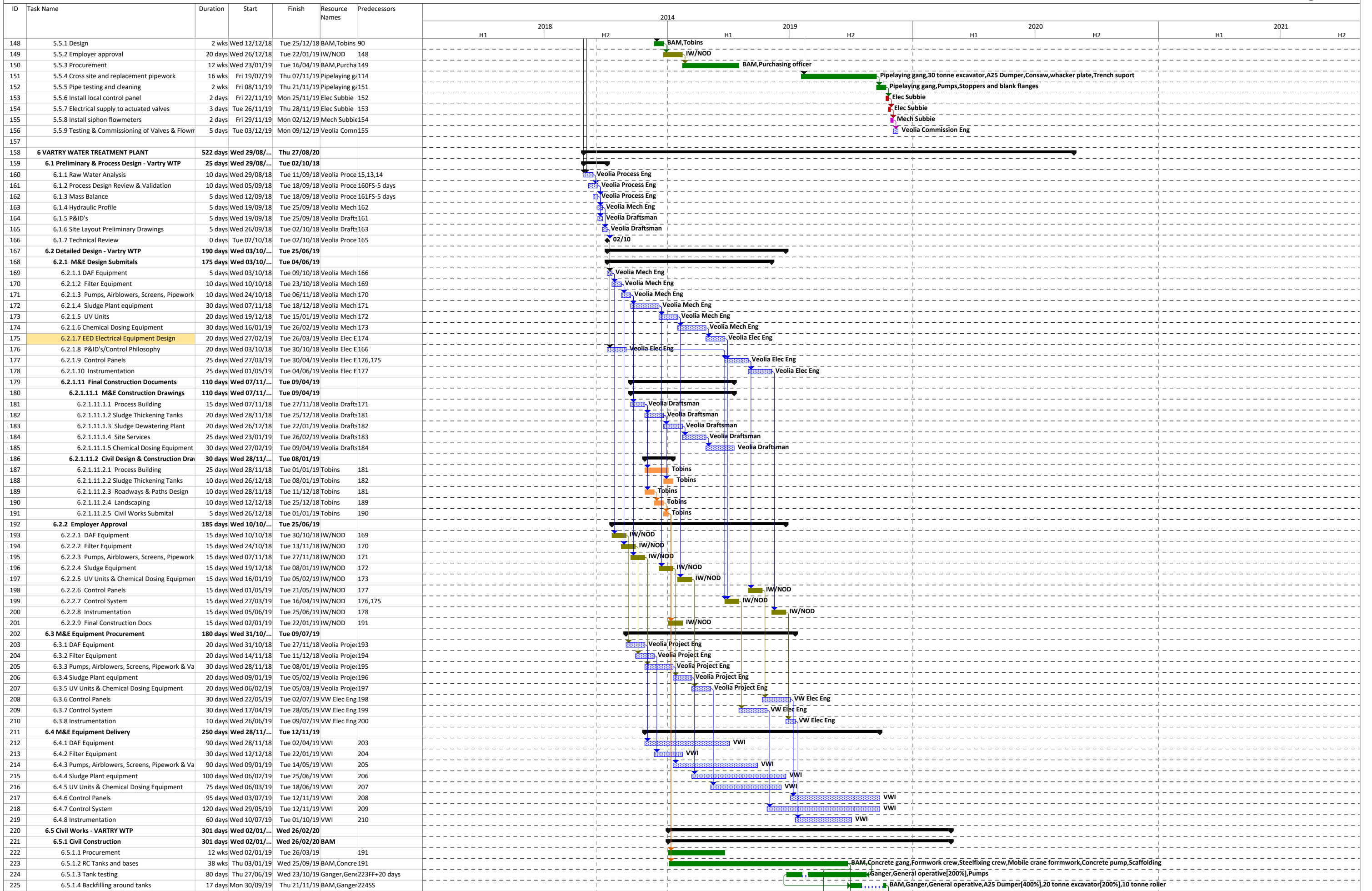
Document Control Sheet

Client:	Irish Water
Project Title:	Vartry Water Supply Project – Water Treatment Plant & Reservoir Upgrade Contract (IW Ref 16/085)
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19/09/2018	P02	S0	KMQ		







ID	Task Name	Duration	Start	Finish	Resource Names	Predecessors	Gantt Chart															
							2018		2019		2020		2021									
226	6.5.1.5 Steel superstructure	6 wks	Thu 19/09/19	Wed 30/10/19	BAM,Steel e	223FS-5 days																
227	6.5.1.6 Blockwork	22 days	Thu 31/10/19	Fri 29/11/19	BAM,Blockla	226																
228	6.5.1.7 Cladding doors and windows	10 wks	Wed 25/09/19	Tue 03/12/19	BAM,Claddir	241																
229	6.5.1.8 Admin area fitout	12 wks	Mon 11/11/19	Fri 31/01/20	BAM,Ceiling	228FS-17 days																
230	6.5.1.9 Ducting	24 days	Fri 22/11/19	Wed 25/12/19	BAM,Pipelay	225																
231	6.5.1.10 Security fence and access gates inc en	34 days	Fri 22/11/19	Wed 08/01/20	BAM,Fencing	225																
232	6.5.1.11 Roads and footpaths	56 days	Wed 04/12/19	Wed 19/02/20	BAM,20 toni	228																
233	6.5.1.12 Signs and lines	5 days	Thu 20/02/20	Wed 26/02/20	BAM,Special	232																
234	6.6 M&E Installation - VARTRY WTP	261 days	Thu 29/08/19	Thu 27/08/20																		
235	6.6.1 Mechanical Installation Phase 1 - Crane Lif	49 days	Thu 29/08/19	Tue 05/11/19																		
236	6.6.1.1 Mobilisation	1 day	Thu 29/08/19	Thu 29/08/19	Mech Subbie	223FS-20 days																
237	6.6.1.2 Inlet Pumps	2 days	Fri 30/08/19	Mon 02/09/19	Mech Subbie	236																
238	6.6.1.3 DAF Equipment	3 days	Tue 03/09/19	Thu 05/09/19	Mech Subbie	237																
239	6.6.1.4 Filter Equipment, Pipework & Media	7 days	Fri 06/09/19	Mon 16/09/19	Mech Subbie	238																
240	6.6.1.5 Chemical Tanks	3 days	Tue 17/09/19	Thu 19/09/19	Mech Subbie	239																
241	6.6.1.6 Access Platforms, Stairs, etc.	3 days	Fri 20/09/19	Tue 24/09/19	Mech Subbie	240																
242	6.6.1.7 Sludge Thickening & Balancing Equipm	30 days	Wed 25/09/19	Tue 05/11/19	Mech Subbie	241																
243	6.6.2 Mechanical Installation Phase 2	120 days	Wed 20/11/19	Tue 05/05/20																		
244	6.6.2.1 Pipework & Valves	20 days	Wed 20/11/19	Tue 17/12/19	Mech Subbie	228FS-10 days																
245	6.6.2.2 Chemical Dosing Equipment	50 days	Wed 18/12/19	Tue 25/02/20	Mech Subbie	244																
246	6.6.2.3 Sludge Dewatering Equipment	30 days	Wed 26/02/20	Tue 07/04/20	Mech Subbie	245																
247	6.6.2.4 UV Units	10 days	Wed 08/04/20	Tue 21/04/20	Mech Subbie	246																
248	6.6.2.5 Service Water System	10 days	Wed 22/04/20	Tue 05/05/20	Mech Subbie	247																
249	6.6.3 Electrical Installation	93 days	Wed 18/12/19	Fri 24/04/20																		
250	6.6.3.1 Install Main WTP Control Panel	3 days	Wed 18/12/19	Fri 20/12/19	Elec Subbie	244																
251	6.6.3.2 Electrical drives & valves cabling	70 days	Mon 23/12/19	Fri 27/03/20	Elec Subbie	250																
252	6.6.3.3 Electric domestic services	30 days	Mon 16/03/20	Fri 24/04/20	Elec Subbie	251FS-10 days																
253	6.6.4 ESB SUPPLY	5 days	Mon 27/04/20	Fri 01/05/20																		
254	6.6.4.1 Permanent Electricity Supply	5 days	Mon 27/04/20	Fri 01/05/20	ESB	252																
255	6.6.5 TESTING/COMMISSIONING - VARTRY WTP	84 days	Mon 04/05/20	Thu 27/08/20																		
256	6.6.5.1 Operation & Maintenance Plan	15 days	Fri 29/05/20	Fri 19/06/20	Veolia Projec	285SF-40 days																
257	6.6.5.2 Pre-Commissioning	5 days	Mon 04/05/20	Fri 08/05/20																		
258	6.6.5.2.1 Compete Pre-Commissioning Shee	5 days	Mon 04/05/20	Fri 08/05/20	Veolia Comn	254																
259	6.6.5.3 Dry Commissioning	12 days	Mon 11/05/20	Tue 26/05/20																		
260	6.6.5.3.1 Check Motors	3 days	Mon 11/05/20	Wed 13/05/20	Veolia Comn	257																
261	6.6.5.3.2 Set up Overloads	2 days	Thu 14/05/20	Fri 15/05/20	Veolia Comn	260																
262	6.6.5.3.3 Set up Instrumentation	4 days	Mon 18/05/20	Thu 21/05/20	Veolia Comn	261																
263	6.6.5.3.4 Complete Commissioning Sheets	3 days	Fri 22/05/20	Tue 26/05/20	Veolia Comn	262																
264	6.6.5.3.5 All equipment available in Manua	0 days	Tue 26/05/20	Tue 26/05/20	Veolia Comn	263																
265	6.6.5.4 Wet Commissioning	13 days	Wed 27/05/20	Fri 12/06/20																		
266	6.6.5.4.1 Run water through pumps	2 days	Wed 27/05/20	Thu 28/05/20	Veolia Comn	264																
267	6.6.5.4.2 Set pressure switches	1 day	Fri 29/05/20	Fri 29/05/20	Veolia Comn	266																
268	6.6.5.4.3 Fill sumps and check instruments	3 days	Mon 01/06/20	Wed 03/06/20	Veolia Comn	267																
269	6.6.5.4.4 Run VSDs through speed ranges	2 days	Thu 04/06/20	Fri 05/06/20	Veolia Comn	268																
270	6.6.5.4.5 Set VSD speed ranges	1 day	Mon 08/06/20	Mon 08/06/20	Veolia Comn	269																
271	6.6.5.4.6 Check flow through all valves	3 days	Tue 09/06/20	Thu 11/06/20	Veolia Comn	270																
272	6.6.5.4.7 Complete Commissioning Sheets	1 day	Fri 12/06/20	Fri 12/06/20	Veolia Comn	271																
273	6.6.5.5 Control System Commissioning	9 days	Mon 15/06/20	Thu 25/06/20																		
274	6.6.5.5.1 Check signals from all valves	2 days	Mon 15/06/20	Tue 16/06/20	Veolia ICA Er	272																
275	6.6.5.5.2 Check signals from all instruments	2 days	Wed 17/06/20	Thu 18/06/20	Veolia ICA Er	274																
276	6.6.5.5.3 Check signals from all motors	2 days	Fri 19/06/20	Mon 22/06/20	Veolia ICA Er	275																
277	6.6.5.5.4 Check operation of Control System	3 days	Tue 23/06/20	Thu 25/06/20	Veolia ICA Er	276																
278	6.6.5.5.5 Control System Operational	0 days	Thu 25/06/20	Thu 25/06/20	Veolia ICA Er	277																
279	6.6.5.6 Tests on Completion	45 days	Fri 26/06/20	Thu 27/08/20																		
280	6.6.5.6.1 Pre-Trial Tests (output recycled)	5 days	Fri 26/06/20	Thu 02/07/20	Veolia ICA Er	278																
281	6.6.5.6.2 7-day Trial Operation	5 days	Fri 03/07/20	Thu 09/07/20	Veolia ICA Er	280																
282	6.6.5.6.3 Pre-Trial Tests (parallel production)	5 days	Fri 10/07/20	Thu 16/07/20	Veolia ICA Er	281																
283	6.6.5.6.4 28-day Tests on Completion	20 days	Fri 17/07/20	Thu 13/08/20	Veolia ICA Er	282																
284	6.6.5.6.5 Performance Test Report	5 days	Fri 07/08/20	Thu 13/08/20	Veolia Comn	283FS-5 days																
285	6.6.5.6.6 14-day Monitoring Period	10 days	Fri 14/08/20	Thu 27/08/20	IW/NOD	284																
286	6.6.6 Issue Commissioning Certificate - VARTRY	0 days	Thu 27/08/20	Thu 27/08/20	IW	285																
287																						
288	7 DECOMMISSIONING & LANDSCAPING	71 days	Fri 28/08/20	Fri 04/12/20																		
289	7.1 M&E Decommissioning	40 days	Fri 28/08/20	Thu 22/10/20																		
290	7.1.1 Decommissioning of existing chemical dosing facilities	10 days	Fri 28/08/20	Thu 10/09/20	Mech Subbie	286																
291	7.1.2 Removal of existing chemical dosing facilitie	20 days	Fri 11/09/20	Thu 08/10/20	Mech Subbie	290																
292	7.1.3 Removal of existing SSF M&E equipment	10 days	Fri 09/10/20	Thu 22/10/20	Mech Subbie	291																
293	7.2 Civil Work	71 days	Fri 28/08/20	Fri 04/12/20	BAM																	
294	7.2.1 Puncture bases of existing filters	10 days	Fri 28/08/20	Thu 10/09/20	BAM,30 toni	286																
295	7.2.2 Backfill filters and create landscape mound	50 days	Fri 11/09/20	Thu 19/11/20	BAM,Genera	294																
296	7.2.3 Reinstate spoil storage compound	4 days	Fri 20/11/20	Wed 25/11/20	BAM,Genera	295																
297	7.2.4 Landscape planting on Bund	7 days	Thu 26/11/20	Fri 04/12/20	BAM,Landsc	295,296																
298	8 Demobilisation	13 days	Thu 26/11/20	Mon 14/12/20	BAM																	
299	8.1 Remove all excess materials from site	5 days	Thu 26/11/20	Wed 02/12/20	BAM,Mobile	296																
300	8.2 Remove remaining plant and equipment from si	8 days	Thu 03/12/20	Mon 14/12/20	BAM,Ganger	299																