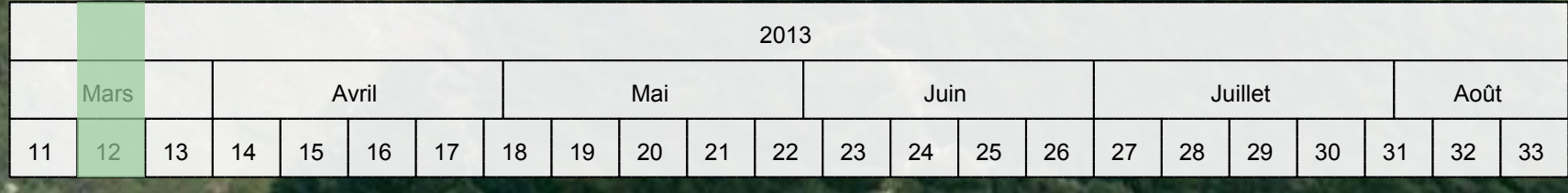
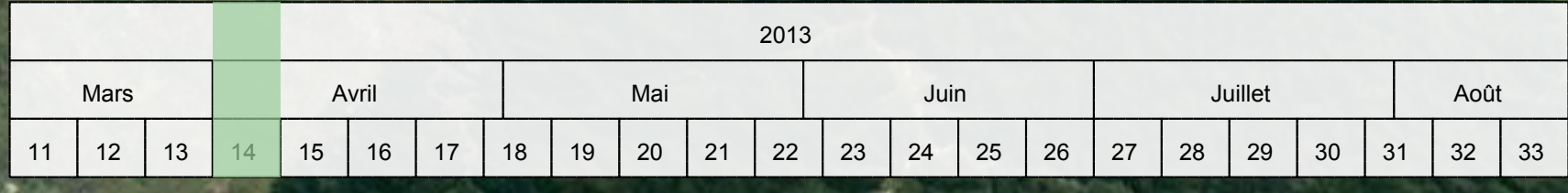
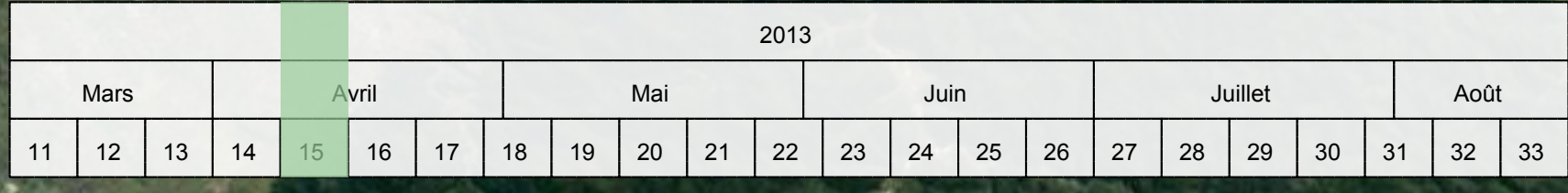
[illegible]

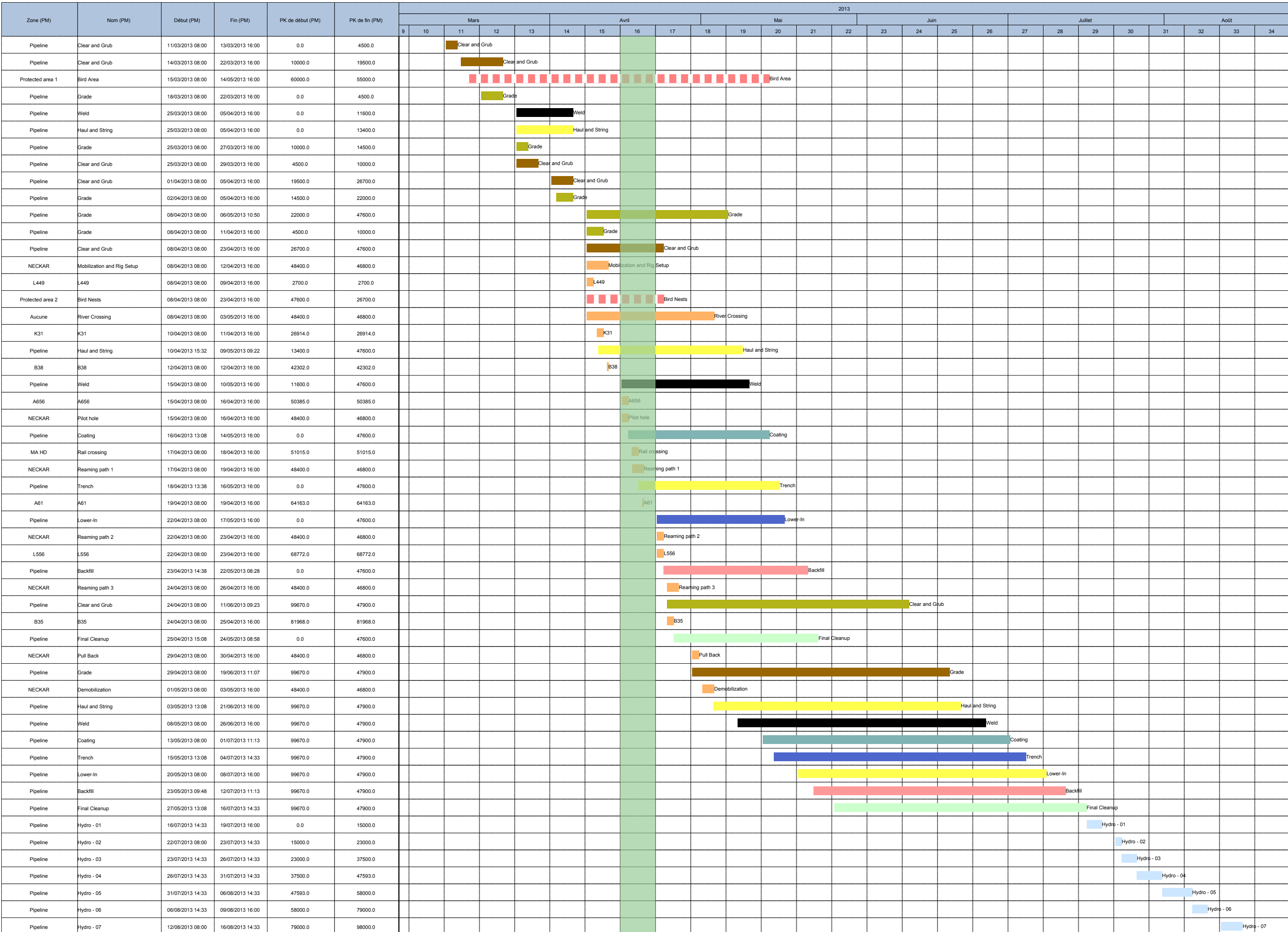


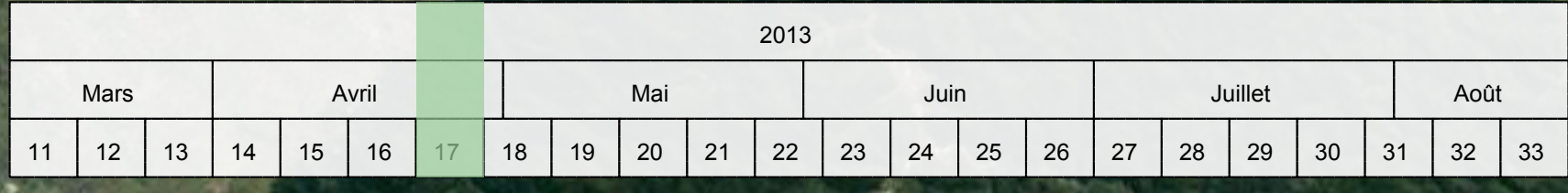
Zone (PM)		Nom (PM)	Debut (PM)	Fin (PM)	PK de debut (PM)	PK de fin (PM)	2013																																	
							Mars				Avril				Mai				Jun				Juillet				Août													
								9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34							
Pipeline	Clear and Grub		11/03/2013 08:00	13/03/2013 16:00	0.0	4500.0																																		
Pipeline	Clear and Grub		14/03/2013 08:00	22/03/2013 16:00	10000.0	19500.0																																		
Protected area 1	Bird Area		15/03/2013 08:00	14/05/2013 16:00	60000.0	55000.0																																		
Pipeline	Grade		18/03/2013 08:00	22/03/2013 16:00	0.0	4500.0																																		
Pipeline	Weld		25/03/2013 08:00	05/04/2013 16:00	0.0	11600.0																																		
Pipeline	Haul and String		25/03/2013 08:00	05/04/2013 16:00	0.0	13400.0																																		
Pipeline	Grade		25/03/2013 08:00	27/03/2013 16:00	10000.0	14500.0																																		
Pipeline	Clear and Grub		25/03/2013 08:00	29/03/2013 16:00	4500.0	10000.0																																		
Pipeline	Clear and Grub		01/04/2013 08:00	05/04/2013 16:00	19500.0	26700.0																																		
Pipeline	Grade		02/04/2013 08:00	05/04/2013 16:00	14500.0	22000.0																																		
Pipeline	Grade		08/04/2013 08:00	06/05/2013 10:50	22000.0	47600.0																																		
Pipeline	Grade		08/04/2013 08:00	11/04/2013 16:00	4000.0	10000.0																																		
Pipeline	Clear and Grub		08/04/2013 08:00	23/04/2013 16:00	26700.0	47600.0																																		
Aucune	River Crossing		08/04/2013 08:00	03/05/2013 16:00	48400.0	46800.0																																		
Protected area 2	Bird Nests		08/04/2013 08:00	23/04/2013 16:00	47600.0	26700.0																																		
L449	L449		08/04/2013 08:00	08/04/2013 16:00	2700.0	2700.0																																		
NECKAR	Mobilization and Rig Setup		08/04/2013 08:00	12/04/2013 16:00	48400.0																																			
K31	K31		10/04/2013 08:00	11/04/2013 16:00	26914.0	26914.0																																		
Pipeline	Haul and String		10/04/2013 15:32	09/05/2013 09:22	13400.0	47600.0																																		
B38	B38		12/04/2013 08:00	12/04/2013 16:00	42302.0	42302.0																																		
Pipeline	Weld		15/04/2013 08:00	10/05/2013 16:00	11600.0	47600.0																																		
NECKAR	Pilot hole		15/04/2013 08:00	16/04/2013 16:00	48400.0	46800.0																																		
A656	A656		15/04/2013 08:00	16/04/2013 16:00	50385.0	50385.0																																		
Pipeline	Coating		16/04/2013 13:08	14/05/2013 16:00	0.0	47600.0																																		
NECKAR	Reaming path 1		17/04/2013 08:00	19/04/2013 16:00	48400.0	46800.0																																		
MA HD	Rail crossing		17/04/2013 08:00	18/04/2013 16:00	51015.0	51015.0																																		
Pipeline	Trench		18/04/2013 13:38	16/05/2013 16:00	0.0	47600.0																																		
A61	A61		19/04/2013 08:00	19/04/2013 16:00	64163.0	64163.0																																		
Pipeline	Lower-In		22/04/2013 08:00	17/05/2013 16:00	0.0	47600.0																																		
L556	L556		22/04/2013 08:00	23/04/2013 16:00	68772.0	68772.0																																		
NECKAR	Reaming path 2		22/04/2013 08:00	23/04/2013 16:00	48400.0	46800.0																																		
Pipeline	Backfill		23/04/2013 14:38	22/05/2013 08:28	0.0	47600.0																																		
B35	B35		24/04/2013 08:00	25/04/2013 16:00	81968.0	81968.0																																		
Pipeline	Clear and Grub		24/04/2013 08:00	11/06/2013 09:23	99670.0	47900.0																																		
NECKAR	Reaming path 3		24/04/2013 08:00	26/04/2013 16:00	48400.0	46800.0																																		
Pipeline	Final Cleanup		25/04/2013 15:08	24/05/2013 08:58	0.0	47600.0																																		
Pipeline	Grade		29/04/2013 08:00	19/06/2013 11:07	99670.0	47900.0																																		
NECKAR	Pull Back		29/04/2013 08:00	30/04/2013 16:00	48400.0	46800.0																																		
NECKAR	Demobilization		01/05/2013 08:00	03/05/2013 16:00	48400.0	46800.0																																		
Pipeline	Haul and String		03/05/2013 13:08	21/06/2013 16:00	99670.0	47900.0																																		
Pipeline	Weld		08/05/2013 08:00	26/06/2013 16:00	99670.0	47900.0																																		
Pipeline	Coating		13/05/2013 08:00	01/07/2013 11:13	99670.0	47900.0																																		
Pipeline	Trench		15/05/2013 13:08	04/07/2013 14:33	99670.0	47900.0																																		
Pipeline	Lower-In		20/05/2013 08:00	08/07/2013 16:00	99670.0	47900.0																																		
Pipeline	Backfill		23/05/2013 09:48	12/07/2013 11:13	99670.0	47900.0																																		
Pipeline	Final Cleanup		27/05/2013 13:08	16/07/2013 14:33	99670.0	47900.0																																		
Pipeline	Hydro - 01		16/07/2013 14:33	19/07/2013 16:00	0.0	15000.0																																		
Pipeline	Hydro - 02		22/07/2013 08:00	23/07/2013 14:33	15000.0	23000.0																																		
Pipeline	Hydro - 03		23/07/2013 14:33	26/07/2013 14:33	23000.0	37500.0																																		
Pipeline	Hydro - 04		26/07/2013 14:33	31/07/2013 14:33	37500.0	47593.0																																		
Pipeline	Hydro - 05		31/07/2013 14:33	06/08/2013 14:33	47593.0	58000.0																																		
Pipeline	Hydro - 06		06/08/2013 14:33	09/08/2013 16:00	58000.0	79000.0																																		
Pipeline	Hydro - 07		12/08/2013 08:00	16/08/2013 14:33	79000.0	98000.0																																		

[illegible]

[illegible]

[illegible]



[illegible]

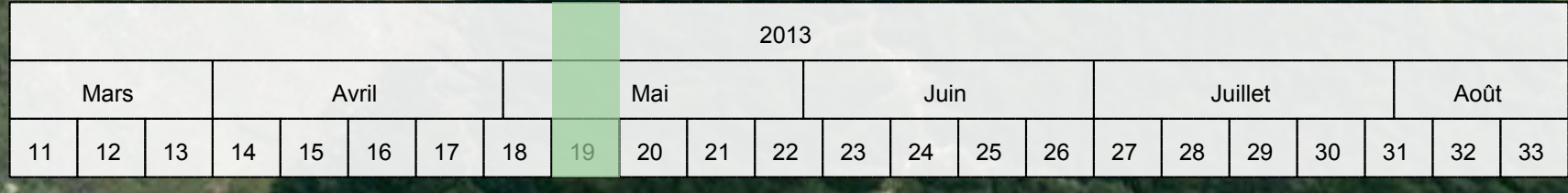
Décapage	
Epreuves hydrauliques	
Finitions	
Forage	
Nivellement	
Peinture	
Pose de canalisation	
Remblai	
Soudure	
Terrassement	
Zone interdite	

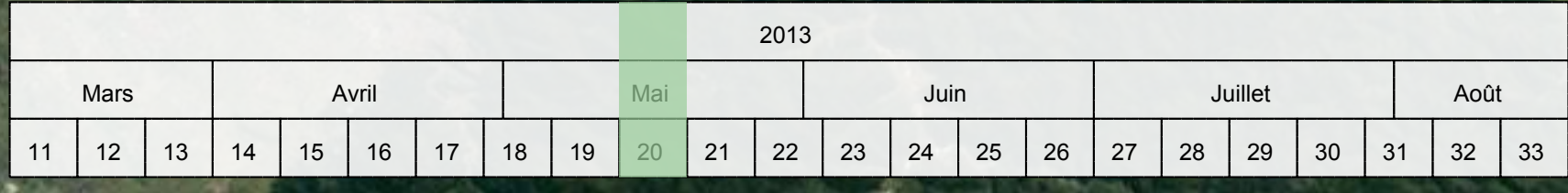
								2013																						
Mars			Avril					Mai					Juin					Juillet					Août							
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33								



Phase Manager
Le phasage travaux DYNAMIQUE

Zone (PM)	Nom (PM)	Début (PM)	Fin (PM)	PK de début (PM)	PK de fin (PM)	2013																																		
						Mars					Avril					Mai					Juin					Juillet					Août									
						9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34									
Pipeline	Clear and Grub	11/03/2013 08:00	13/03/2013 16:00	0.0	4500.0																																			
Pipeline	Clear and Grub	14/03/2013 08:00	22/03/2013 16:00	10000.0	19500.0																																			
Protected area 1	Bird Area	15/03/2013 08:00	14/05/2013 16:00	60000.0	55000.0																																			
Pipeline	Grade	18/03/2013 08:00	22/03/2013 16:00	0.0	4500.0																																			
Pipeline	Weld	25/03/2013 08:00	05/04/2013 16:00	0.0	11600.0																																			
Pipeline	Haul and String	25/03/2013 08:00	05/04/2013 16:00	0.0	13400.0																																			
Pipeline	Grade	25/03/2013 08:00	27/03/2013 16:00	10000.0	14500.0																																			
Pipeline	Clear and Grub	25/03/2013 08:00	28/03/2013 16:00	4500.0	10000.0																																			
Pipeline	Clear and Grub	01/04/2013 08:00	05/04/2013 16:00	19500.0	26700.0																																			
Pipeline	Grade	02/04/2013 08:00	05/04/2013 16:00	14500.0	22000.0																																			
Pipeline	Grade	08/04/2013 08:00	06/05/2013 10:50	22000.0	47600.0																																			
Pipeline	Grade	08/04/2013 08:00	11/04/2013 16:00	4500.0	10000.0																																			
Pipeline	Clear and Grub	08/04/2013 08:00	23/04/2013 16:00	26700.0	47600.0																																			
NECKAR	Mobilization and Rig Setup	08/04/2013 08:00	12/04/2013 16:00	48400.0	46800.0																																			
L449	L449	08/04/2013 08:00	09/04/2013 16:00	2700.0	2700.0																																			
Protected area 2	Bird Nests	08/04/2013 08:00	23/04/2013 16:00	47600.0	26700.0																																			
Aucune	River Crossing	08/04/2013 08:00	03/05/2013 16:00	48400.0	46800.0																																			
K31	K31	10/04/2013 08:00	11/04/2013 16:00	26914.0	26914.0																																			
Pipeline	Haul and String	10/04/2013 15:32	09/05/2013 09:22	13400.0	47600.0																																			
B38	B38	12/04/2013 08:00	12/04/2013 16:00	42302.0	42302.0																																			
Pipeline	Weld	15/04/2013 08:00	10/05/2013 16:00	11600.0	47600.0																																			
A656	A656	15/04/2013 08:00	16/04/2013 16:00	50385.0	50385.0																																			
NECKAR	Pilot hole	15/04/2013 08:00	16/04/2013 16:00	48400.0	46800.0																																			
Pipeline	Coating	16/04/2013 13:08	14/05/2013 16:00	0.0	47600.0																																			
MA HD	Rail crossing	17/04/2013 08:00	18/04/2013 16:00	51015.0	51015.0																																			
NECKAR	Reaming path 1	17/04/2013 08:00	19/04/2013 16:00	48400.0	46800.0																																			
Pipeline	Trench	18/04/2013 13:38	16/05/2013 16:00	0.0	47600.0																																			
A61	A61	19/04/2013 08:00	19/04/2013 16:00	64163.0	64163.0																																			
Pipeline	Lower-In	22/04/2013 08:00	17/05/2013 16:00	0.0	47600.0																																			
NECKAR	Reaming path 2	22/04/2013 08:00	23/04/2013 16:00	48400.0	46800.0																																			
L556	L556	22/04/2013 08:00	23/04/2013 16:00	68772.0	68772.0																																			
Pipeline	Backfill	23/04/2013 14:38	22/05/2013 08:28	0.0	47600.0																																			
NECKAR	Reaming path 3	24/04/2013 08:00	26/04/2013 16:00	48400.0	46800.0																																			
Pipeline	Clear and Grub	24/04/2013 08:00	11/06/2013 09:23	99670.0	47900.0																																			
B35	B35	24/04/2013 08:00	25/04/2013 16:00	81968.0	81968.0																																			
Pipeline	Final Cleanup	25/04/2013 15:08	24/05/2013 08:58	0.0	47600.0																																			
NECKAR	Pull Back	29/04/2013 08:00	30/04/2013 16:00	48400.0	46800.0																																			
Pipeline	Grade	29/04/2013 08:00	19/06/2013 11:07	99670.0	47900.0																																			
NECKAR	Demobilization	01/05/2013 08:00	03/05/2013 16:00	48400.0	46800.0																																			
Pipeline	Haul and String	03/05/2013 13:08	21/06/2013 16:00	99670.0	47900.0																																			
Pipeline	Weld	08/05/2013 08:00	26/06/2013 16:00	99670.0	47900.0																																			
Pipeline	Coating	13/05/2013 08:00	01/07/2013 11:13	99670.0	47900.0																																			
Pipeline	Trench	15/05/2013 13:08	04/07/2013 14:33	99670.0	47900.0																																			
Pipeline	Lower-In	20/05/2013 08:00	08/07/2013 16:00	99670.0	47900.0																																			
Pipeline	Backfill	23/05/2013 09:48	12/07/2013 11:13	99670.0	47900.0																																			
Pipeline	Final Cleanup	27/05/2013 13:08	16/07/2013 14:33	99670.0	47900.0																																			
Pipeline	Hydro - 01	16/07/2013 14:33	19/07/2013 16:00	0.0	15000.0																																			
Pipeline	Hydro - 02	22/07/2013 08:00	23/07/2013 14:33	15000.0	23000.0																																			
Pipeline	Hydro - 03	23/07/2013 14:33	26/07/2013 14:33	23000.0	37000.0																																			
Pipeline	Hydro - 04	26/07/2013 14:33	31/07/2013 14:33	37000.0	47593.0																																			





Zone (PM)		Nom (PM)	Début (PM)	Fin (PM)	PK de début (PM)	PK de fin (PM)	2013																																	
							Mars					Avril					Mai					Jun					Juillet					Août								
							9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34								
Pipeline	Clear and Grub		11/03/2013 08:00	13/03/2013 16:00	0.0	4500.0																																		
Pipeline	Clear and Grub		14/03/2013 08:00	22/03/2013 16:00	10000.0	19500.0																																		
Protected area 1	Bird Area		15/03/2013 08:00	14/05/2013 16:00	60000.0	55000.0																																		
Pipeline	Grade		18/03/2013 08:00	22/03/2013 16:00	0.0	4500.0																																		
Pipeline	Weld		25/03/2013 08:00	05/04/2013 16:00	0.0	11600.0																																		
Pipeline	Haul and String		25/03/2013 08:00	05/04/2013 16:00	0.0	13400.0																																		
Pipeline	Grade		25/03/2013 08:00	27/03/2013 16:00	10000.0	14500.0																																		
Pipeline	Clear and Grub		25/03/2013 08:00	28/03/2013 16:00	4500.0	10000.0																																		
Pipeline	Clear and Grub		01/04/2013 08:00	05/04/2013 16:00	19500.0	26700.0																																		
Pipeline	Grade		02/04/2013 08:00	05/04/2013 16:00	14500.0	22000.0																																		
Pipeline	Grade		08/04/2013 08:00	06/05/2013 10:50	22000.0	47600.0																																		
Pipeline	Grade		08/04/2013 08:00	11/04/2013 16:00	4000.0	10000.0																																		
Pipeline	Clear and Grub		08/04/2013 08:00	23/04/2013 16:00	26700.0	47600.0																																		
NECKAR	Mobilization and Rig Setup		08/04/2013 08:00	12/04/2013 16:00	48400.0	46800.0																																		
L449	L449		08/04/2013 08:00	09/04/2013 16:00	2700.0	2700.0																																		
Protected area 2	Bird Nests		08/04/2013 08:00	23/04/2013 16:00	47600.0	26700.0																																		
Aucune	River Crossing		08/04/2013 08:00	03/05/2013 16:00	48400.0	46800.0																																		
K31	K31		10/04/2013 08:00	11/04/2013 16:00	26914.0	26914.0																																		
Pipeline	Haul and String		10/04/2013 15:32	09/05/2013 09:22	13400.0	47600.0																																		
B38	B38		12/04/2013 08:00	12/04/2013 16:00	42302.0	42302.0																																		
Pipeline	Weld		15/04/2013 08:00	10/05/2013 16:00	11600.0	47600.0																																		
A656	A656		15/04/2013 08:00	16/04/2013 16:00	50385.0	50385.0																																		
NECKAR	Pilot hole		15/04/2013 08:00	16/04/2013 16:00	48400.0	46800.0																																		
Pipeline	Coating		16/04/2013 13:08	14/05/2013 16:00	0.0	47600.0																																		
MA HD	Rail crossing		17/04/2013 08:00	18/04/2013 16:00	51015.0	51015.0																																		
NECKAR	Reaming path 1		17/04/2013 08:00	19/04/2013 16:00	48400.0	46800.0																																		
Pipeline	Trench		18/04/2013 13:38	16/05/2013 16:00	0.0	47600.0																																		
A61	A61		19/04/2013 08:00	19/04/2013 16:00	64163.0	64163.0																																		
Pipeline	Lower-In		22/04/2013 08:00	17/05/2013 16:00	0.0	47600.0																																		
NECKAR	Reaming path 2		22/04/2013 08:00	23/04/2013 16:00	48400.0	46800.0																																		
L556	L556		22/04/2013 08:00	23/04/2013 16:00	68772.0	68772.0																																		
Pipeline	Backfill		23/04/2013 14:38	22/05/2013 08:28	0.0	47600.0																																		
NECKAR	Reaming path 3		24/04/2013 08:00	25/04/2013 16:00	49400.0	46800.0																																		
Pipeline	Clear and Grub		24/04/2013 08:00	11/06/2013 09:23	99670.0	47900.0																																		
B35	B35		24/04/2013 08:00	25/04/2013 16:00	81968.0	81968.0																																		
Pipeline	Final Cleanup		25/04/2013 15:08	24/05/2013 08:58	0.0	47600.0																																		
NECKAR	Pull Back		29/04/2013 08:00	30/04/2013 16:00	48400.0	46800.0																																		
Pipeline	Grade		29/04/2013 08:00	19/06/2013 11:07	99670.0	47900.0																																		
NECKAR	Demobilization		01/05/2013 08:00	03/05/2013 16:00	48400.0	46800.0																																		
Pipeline	Haul and String		03/05/2013 13:08	21/06/2013 16:00	99670.0	47900.0																																		
Pipeline	Weld		08/05/2013 08:00	26/05/2013 16:00	99670.0	47900.0																																		
Pipeline	Coating		13/05/2013 08:00	01/07/2013 11:13	99670.0	47900.0																																		
Pipeline	Trench		15/05/2013 13:08	04/07/2013 14:33	99670.0	47900.0																																		
Pipeline	Lower-In		20/05/2013 08:00	08/07/2013 16:00	99670.0	47900.0																																		
Pipeline	Backfill		23/05/2013 09:48	12/07/2013 11:13	99670.0	47900.0																																		
Pipeline	Final Cleanup		27/05/2013 13:08	16/07/2013 14:33	99670.0	47900.0																																		
Pipeline	Hydro - 01		16/07/2013 14:33	19/07/2013 16:00	0.0	15000.0																																		
Pipeline	Hydro - 02		22/07/2013 08:00	23/07/2013 14:33	15000.0	23000.0																																		
Pipeline	Hydro - 03		23/07/2013 14:33	26/07/2013 14:33	23000.0	37500.0																																		
Pipeline	Hydro - 04		26/07/2013 14:33	31/07/2013 14:33	37500.0	47593.0																																		
Pipeline	Hydro - 05		31/07/2013 14:33	06/08/2013 14:33	47593.0	58000.0																																		
Pipeline	Hydro - 06		06/08/2013 14:33	09/08/2013 16:00	58000.0	79000.0																																		
Pipeline	Hydro - 07		12/08/2013 08:00	16/08/2013 14:33	79000.0	98000.0																																		

Décapage	
Epreuves hydrauliques	
Finitions	
Forage	
Nivellement	
Peinture	
Pose de canalisation	
Remblai	
Soudure	
Terrassement	
Zone interdite	

																				2013												
Mars			Avril					Mai			Juin					Juillet			Août													
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33										



Zone (PM)	Nom (PM)	Début (PM)	Fin (PM)	PK de début (PM)	PK de fin (PM)	2013																																	
						Mars						Avril						Mai						Juin						Juillet						Août			
						9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34								
Pipeline	Clear and Grub	11/03/2013 08:00	13/03/2013 16:00	0.0	4500.0																																		
Pipeline	Clear and Grub	14/03/2013 08:00	22/03/2013 16:00	10000.0	19000.0																																		
Protected area 1	Bird Area	15/03/2013 08:00	14/05/2013 16:00	60000.0	55000.0																																		
Pipeline	Grade	18/03/2013 08:00	22/03/2013 16:00	0.0	4500.0																																		
Pipeline	Weld	25/03/2013 08:00	05/04/2013 16:00	0.0	11600.0																																		
Pipeline	Haul and String	25/03/2013 08:00	05/04/2013 16:00	0.0	13400.0																																		
Pipeline	Grade	25/03/2013 08:00	27/03/2013 16:00	10000.0	14500.0																																		
Pipeline	Clear and Grub	25/03/2013 08:00	29/03/2013 16:00	4500.0	10000.0																																		
Pipeline	Clear and Grub	01/04/2013 08:00	05/04/2013 16:00	19500.0	26700.0																																		
Pipeline	Grade	02/04/2013 08:00	05/04/2013 16:00	14500.0	22000.0																																		
Pipeline	Grade	08/04/2013 08:00	06/05/2013 10:50	22000.0	47600.0																																		
Pipeline	Grade	08/04/2013 08:00	11/04/2013 16:00	4050.0	10000.0																																		
Pipeline	Clear and Grub	08/04/2013 08:00	23/04/2013 16:00	26700.0	47600.0																																		
NECKAR	Mobilization and Rig Setup	08/04/2013 08:00	12/04/2013 16:00	48400.0	46800.0																																		
L449	L449	08/04/2013 08:00	09/04/2013 16:00	2700.0	2700.0																																		
Protected area 2	Bird Nests	08/04/2013 08:00	23/04/2013 16:00	47600.0	26700.0																																		
Aucune	River Crossing	08/04/2013 08:00	03/05/2013 16:00	48400.0	46800.0																																		
K31	K31	10/04/2013 08:00	11/04/2013 16:00	26914.0	26914.0																																		
Pipeline	Haul and String	10/04/2013 15:32	09/05/2013 09:22	13400.0	47600.0																																		
B38	B38	12/04/2013 08:00	12/04/2013 16:00	42302.0	42302.0																																		
Pipeline	Weld	15/04/2013 08:00	10/05/2013 16:00	11600.0	47600.0																																		
A656	A656	15/04/2013 08:00	16/04/2013 16:00	50385.0	50385.0																																		
NECKAR	Pilot hole	15/04/2013 08:00	16/04/2013 16:00	48400.0	46800.0																																		
Pipeline	Coating	16/04/2013 13:08	14/05/2013 16:00	0.0	47600.0																																		
MA HD	Rail crossing	17/04/2013 08:00	18/04/2013 16:00	51015.0	51015.0																																		
NECKAR	Reaming path 1	17/04/2013 08:00	19/04/2013 16:00	48400.0	46800.0																																		
Pipeline	Trench	18/04/2013 13:38	16/05/2013 16:00	0.0	47600.0																																		
A61	A61	19/04/2013 08:00	19/04/2013 16:00	64163.0	64163.0																																		
Pipeline	Lower-In	22/04/2013 08:00	17/05/2013 16:00	0.0	47600.0																																		
NECKAR	Reaming path 2	22/04/2013 08:00	23/04/2013 16:00	48400.0	46800.0																																		
L556	L556	22/04/2013 08:00	23/04/2013 16:00	68772.0	68772.0																																		
Pipeline	Backfill	23/04/2013 14:38	22/05/2013 08:28	0.0	47600.0																																		
NECKAR	Reaming path 3	24/04/2013 08:00	26/04/2013 16:00	48400.0	46800.0																																		
Pipeline	Clear and Grub	24/04/2013 08:00	11/06/2013 09:23	99670.0	47600.0																																		
B35	B35	24/04/2013 08:00	25/04/2013 16:00	81968.0	81968.0																																		
Pipeline	Final Cleanup	25/04/2013 15:08	24/05/2013 08:58	0.0	47600.0																																		
NECKAR	Pull Back	26/04/2013 08:00	30/04/2013 16:00	48400.0	46800.0																																		
Pipeline	Grade	26/04/2013 08:00	19/06/2013 11:07	99670.0	47600.0																																		
NECKAR	Demobilization	01/05/2013 08:00	03/05/2013 16:00	48400.0	46800.0																																		
Pipeline	Haul and String	03/05/2013 13:08	21/06/2013 16:00	99670.0	47600.0																																		
Pipeline	Weld	08/05/2013 08:00	26/06/2013 16:00	99670.0	47600.0																																		
Pipeline	Coating	13/05/2013 08:00	01/07/2013 11:13	99670.0	47600.0																																		
Pipeline	Trench	15/05/2013 13:08	04/07/2013 14:33	99670.0	47600.0																																		
Pipeline	Lower-In	20/05/2013 08:00	08/07/2013 16:00	99670.0	47600.0																																		
Pipeline	Backfill	23/05/2013 09:48	12/07/2013 11:13	99670.0	47600.0																																		
Pipeline	Final Cleanup	27/05/2013 13:08	16/07/2013 14:33	99670.0	47600.0																																		
Pipeline	Hydro - 01	16/07/2013 14:33	19/07/2013 16:00	0.0	15000.0																																		
Pipeline	Hydro - 02	22/07/2013 08:00	23/07/2013 14:33	15000.0	23000.0																																		
Pipeline	Hydro - 03	23/07/2013 14:33	26/07/2013 14:33	23000.0	37500.0																																		
Pipeline	Hydro - 04	26/07/2013 14:33	31/07/2013 14:33	37500.0	47593.0																																		
Pipeline	Hydro - 05	31/07/2013 14:33	06/08/2013 14:33	47593.0	58000.0																																		

Décapage	
Epreuves hydrauliques	
Finitions	
Forage	
Nivellement	
Peinture	
Pose de canalisation	
Remblai	
Soudure	
Terrassement	
Zone interdite	

																					2013												
Mars			Avril					Mai				Juin					Juillet				Août												
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33											

[illegible]

Décapage

Epreuves hydrauliques

Finitions

Forage

Nivellement

Peinture

Pose de canalisation

Remblai

Soudure

Terrassement

Zone interdite

2013

Mars

Avril

Mai

Juin

Juillet

Août

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

[illegible]

Décapage	
Epreuves hydrauliques	
Finitions	
Forage	
Nivellement	
Peinture	
Pose de canalisation	
Remblai	
Soudure	
Terrassement	
Zone interdite	

2013																																	
Mars			Avril					Mai						Juin			Juillet					Août											
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33											

[illegible]

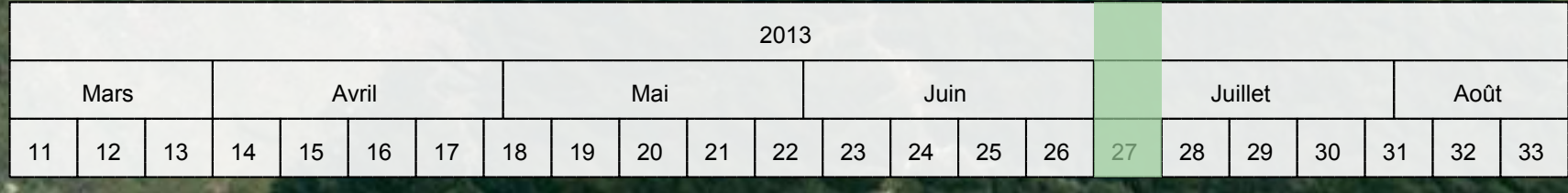
Décapage	
Epreuves hydrauliques	
Finitions	
Forage	
Nivellement	
Peinture	
Pose de canalisation	
Remblai	
Soudure	
Terrassement	
Zone interdite	

2013																							
Mars			Avril				Mai				Juin			Juillet				Août					
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	

[illegible]

[illegible]

Zone (PM)		Nom (PM)	Début (PM)	Fin (PM)	PK de début (PM)	PK de fin (PM)	2013																																	
							Mars					Avril					Mai					Juin					Juillet					Août								
							9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34								
Pipeline	Clear and Grub	11/03/2013 08:00	13/03/2013 16:00	0.0	4500.0																																			
Pipeline	Clear and Grub	14/03/2013 08:00	22/03/2013 16:00	10000.0	19000.0																																			
Protected area 1	Bird Area	15/03/2013 08:00	14/05/2013 16:00	60000.0	55000.0																																			
Pipeline	Grade	18/03/2013 08:00	22/03/2013 16:00	0.0	4500.0																																			
Pipeline	Weld	25/03/2013 08:00	05/04/2013 16:00	0.0	11600.0																																			
Pipeline	Haul and String	25/03/2013 08:00	05/04/2013 16:00	0.0	13400.0																																			
Pipeline	Grade	25/03/2013 08:00	27/03/2013 16:00	10000.0	14500.0																																			
Pipeline	Clear and Grub	25/03/2013 08:00	29/03/2013 16:00	4500.0	10000.0																																			
Pipeline	Clear and Grub	01/04/2013 08:00	05/04/2013 16:00	19500.0	26700.0																																			
Pipeline	Grade	02/04/2013 08:00	05/04/2013 16:00	14500.0	22000.0																																			
Pipeline	Grade	08/04/2013 08:00	06/05/2013 10:50	22000.0	47600.0																																			
Pipeline	Grade	08/04/2013 08:00	11/04/2013 16:00	4500.0	10000.0																																			
Pipeline	Clear and Grub	08/04/2013 08:00	23/04/2013 16:00	26700.0	47600.0																																			
NECKAR	Mobilization and Rig Setup	08/04/2013 08:00	12/04/2013 16:00	48400.0	46800.0																																			
L449	L449	08/04/2013 08:00	09/04/2013 16:00	2700.0	2700.0																																			
Protected area 2	Bird Nests	08/04/2013 08:00	23/04/2013 16:00	47600.0	26700.0																																			
Aucune	River Crossing	08/04/2013 08:00	03/05/2013 16:00	48400.0	46800.0																																			
K31	K31	10/04/2013 08:00	11/04/2013 16:00	26914.0	26914.0																																			
Pipeline	Haul and String	10/04/2013 15:32	09/05/2013 09:22	13400.0	47600.0																																			
B38	B38	12/04/2013 08:00	12/04/2013 16:00	42302.0	42302.0																																			
Pipeline	Weld	15/04/2013 08:00	10/05/2013 16:00	11600.0	47600.0																																			
A656	A656	15/04/2013 08:00	16/04/2013 16:00	50385.0	50385.0																																			
NECKAR	Hot hole	15/04/2013 08:00	16/04/2013 16:00	48400.0	46800.0																																			
Pipeline	Coating	16/04/2013 13:08	14/05/2013 16:00	0.0	47600.0																																			
MA HD	Rail crossing	17/04/2013 08:00	18/04/2013 16:00	51015.0	51015.0																																			
NECKAR	Reaming path 1	17/04/2013 08:00	19/04/2013 16:00	48400.0	46800.0																																			
Pipeline	Trench	18/04/2013 13:38	16/05/2013 16:00	0.0	47600.0																																			
A61	A61	19/04/2013 08:00	19/04/2013 16:00	64163.0	64163.0																																			
Pipeline	Lower-In	22/04/2013 08:00	17/05/2013 16:00	0.0	47600.0																																			
NECKAR	Reaming path 2	22/04/2013 08:00	23/04/2013 16:00	48400.0	46800.0																																			
L556	L556	22/04/2013 08:00	23/04/2013 16:00	68772.0	68772.0																																			
Pipeline	Backfill	23/04/2013 14:38	22/05/2013 08:28	0.0	47600.0																																			
NECKAR	Reaming path 3	24/04/2013 08:00	26/04/2013 16:00	48400.0	46800.0																																			
Pipeline	Clear and Grub	24/04/2013 08:00	11/06/2013 09:23	99670.0	47900.0																																			
B35	B35	24/04/2013 08:00	25/04/2013 16:00	81968.0	81968.0																																			
Pipeline	Final Cleanup	25/04/2013 15:08	24/05/2013 08:58	0.0	47600.0																																			
NECKAR	Pull Back	29/04/2013 08:00	30/04/2013 16:00	48400.0	46800.0																																			
Pipeline	Grade	29/04/2013 08:00	19/06/2013 11:07	99670.0	47900.0																																			
NECKAR	Demobilization	01/05/2013 08:00	03/05/2013 16:00	48400.0	46800.0																																			
Pipeline	Haul and String	03/05/2013 13:08	21/06/2013 16:00	99670.0	47900.0																																			
Pipeline	Weld	08/05/2013 08:00	26/06/2013 16:00	99670.0	47900.0																																			
Pipeline	Coating	13/05/2013 08:00	01/07/2013 11:13	99670.0	47900.0																																			
Pipeline	Trench	15/05/2013 13:08	04/07/2013 14:33	99670.0	47900.0																																			
Pipeline	Lower-In	20/05/2013 08:00	08/07/2013 16:00	99670.0	47900.0																																			
Pipeline	Backfill	23/05/2013 09:48	12/07/2013 11:13	99670.0	47900.0																																			
Pipeline	Final Cleanup	27/05/2013 13:08	16/07/2013 14:33	99670.0	47900.0																																			
Pipeline	Hydro - 01	16/07/2013 14:33	19/07/2013 16:00	0.0	15000.0																																			
Pipeline	Hydro - 02	22/07/2013 08:00	23/07/2013 14:33	15000.0	23000.0																																			
Pipeline	Hydro - 03	23/07/2013 14:33	26/07/2013 14:33	23000.0	37500.0																																			
Pipeline	Hydro - 04	26/07/2013 14:33	31/07/2013 14:33	37500.0	47593.0																																			
Pipeline	Hydro - 05	31/07/2013 14:33	06/08/2013 14:33	47593.0	58000.0																																			
Pipeline	Hydro - 06	06/08/2013 14:33	09/08/2013 16:00	58000.0	79000.0																																			
Pipeline	Hydro - 07	12/08/2013 08:00	16/08/2013 14:33	79000.0	86000.0																																			

[illegible]

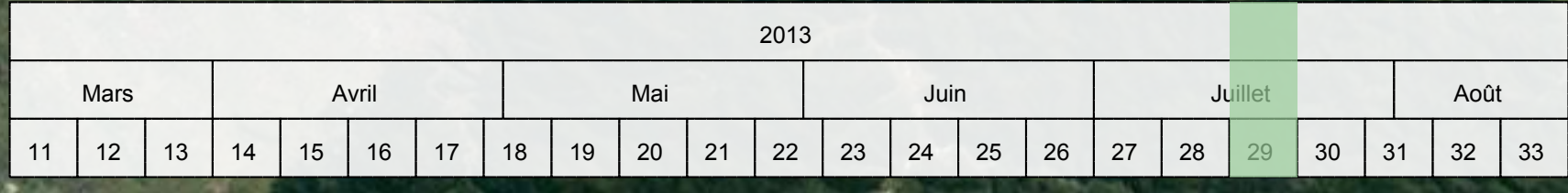
Décapage	
Epreuves hydrauliques	
Finitions	
Forage	
Nivellement	
Peinture	
Pose de canalisation	
Remblai	
Soudure	
Terrassement	
Zone interdite	

2013																																	
Mars			Avril					Mai					Juin						Juillet				Août										
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33											



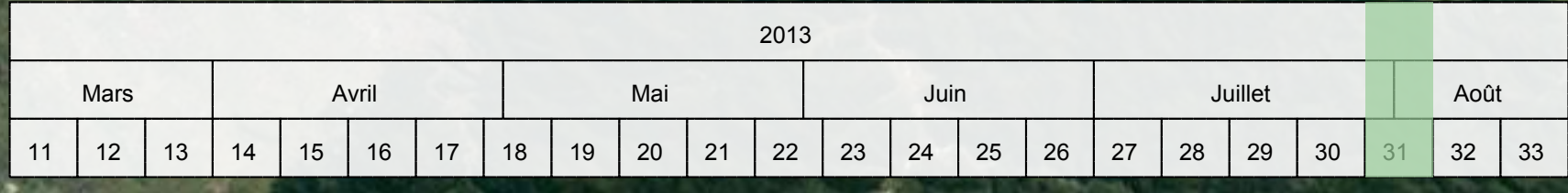
Phase Manager
Le phasage travaux DYNAMIQUE

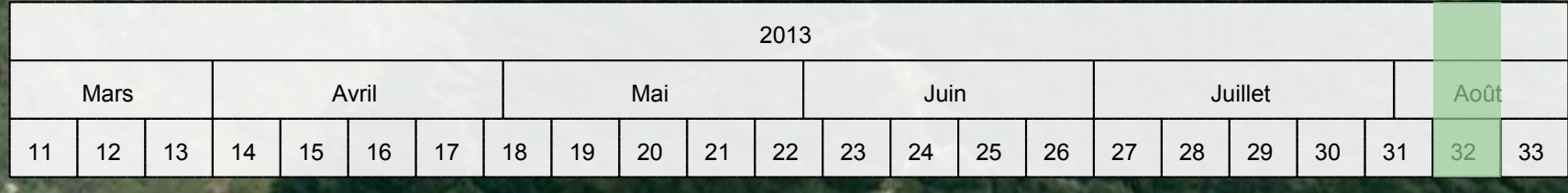
Zone (PM)	Nom (PM)	Début (PM)	Fin (PM)	PK de début (PM)	PK de fin (PM)	2013																																	
						Mars						Avril				Mai						Juin						Juillet		Août									
						9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34								
Pipeline	Clear and Grub	11/03/2013 08:00	13/03/2013 16:00	0.0	4500.0																																		
Pipeline	Clear and Grub	14/03/2013 08:00	22/03/2013 16:00	10000.0	19500.0																																		
Protected area 1	Bird Area	15/03/2013 08:00	14/05/2013 16:00	60000.0	55000.0																																		
	Grade	18/03/2013 08:00	22/03/2013 16:00	0.0	4500.0																																		
Pipeline	Weld	25/03/2013 08:00	05/04/2013 16:00	0.0	11600.0																																		
Pipeline	Haul and String	25/03/2013 08:00	05/04/2013 16:00	0.0	13400.0																																		
Pipeline	Grade	25/03/2013 08:00	27/03/2013 16:00	10000.0	14500.0																																		
Pipeline	Clear and Grub	25/03/2013 08:00	29/03/2013 16:00	4500.0	10000.0																																		
Pipeline	Clear and Grub	01/04/2013 08:00	05/04/2013 16:00	19500.0	26700.0																																		
Pipeline	Grade	02/04/2013 08:00	05/04/2013 16:00	14500.0	22000.0																																		
Pipeline	Grade	08/04/2013 08:00	06/05/2013 10:50	22000.0	47600.0																																		
Pipeline	Grade	08/04/2013 08:00	11/04/2013 16:00	4500.0	10000.0																																		
Pipeline	Clear and Grub	08/04/2013 08:00	23/04/2013 16:00	26700.0	47600.0																																		
NECKAR	Mobilization and Rig Setup	08/04/2013 08:00	12/04/2013 16:00	48400.0	46800.0																																		
L449	L449	08/04/2013 08:00	09/04/2013 16:00	2700.0	2700.0																																		
Protected area 2	Bird Nests	08/04/2013 08:00	23/04/2013 16:00	47600.0	26700.0																																		
	River Crossing	08/04/2013 08:00	03/05/2013 16:00	48400.0	46800.0																																		
K31	K31	10/04/2013 08:00	11/04/2013 16:00	26914.0	26914.0																																		
Pipeline	Haul and String	10/04/2013 15:32	09/05/2013 09:22	13400.0	47600.0																																		
B38	B38	12/04/2013 08:00	12/04/2013 16:00	42302.0	42302.0																																		
Pipeline	Weld	15/04/2013 08:00	10/05/2013 16:00	11600.0	47600.0																																		
A656	A656	15/04/2013 08:00	16/04/2013 16:00	50385.0	50385.0																																		
NECKAR	Pilot hole	15/04/2013 08:00	16/04/2013 16:00	46800.0	46800.0																																		
Pipeline	Coating	16/04/2013 13:08	14/05/2013 16:00	0.0	47600.0																																		
MA HD	Rail crossing	17/04/2013 08:00	18/04/2013 16:00	51015.0	51015.0																																		
NECKAR	Reaming path 1	17/04/2013 08:00	19/04/2013 16:00	48400.0	46800.0																																		
Pipeline	Trench	18/04/2013 13:38	16/05/2013 16:00	0.0	47600.0																																		
A61	A61	19/04/2013 08:00	19/04/2013 16:00	64163.0	64163.0																																		
Pipeline	Lower-In	22/04/2013 08:00	17/05/2013 16:00	0.0	47600.0																																		
NECKAR	Reaming path 2	22/04/2013 08:00	23/04/2013 16:00	48400.0	46800.0																																		
L556	L556	22/04/2013 08:00	23/04/2013 16:00	68772.0	68772.0																																		
Pipeline	Backfill	23/04/2013 14:36	22/05/2013 08:28	0.0	47600.0																																		
NECKAR	Reaming path 3	24/04/2013 08:00	26/04/2013 16:00	48400.0	46800.0																																		
Pipeline	Clear and Grub	24/04/2013 08:00	11/06/2013 09:23	99670.0	47900.0																																		
B35	B35	24/04/2013 08:00	25/04/2013 16:00	81968.0	81968.0																																		
Pipeline	Final Cleanup	25/04/2013 15:08	24/05/2013 08:58	0.0	47600.0																																		
NECKAR	Pull Back	29/04/2013 08:00	30/04/2013 16:00	48400.0	46800.0																																		
Pipeline	Grade	29/04/2013 08:00	19/06/2013 11:07	99670.0	47900.0																																		
NECKAR	Demobilization	01/05/2013 08:00	03/05/2013 16:00	48400.0	46800.0																																		
Pipeline	Haul and String	03/05/2013 13:08	21/06/2013 16:00	99670.0	47900.0																																		
Pipeline	Weld	08/05/2013 08:00	26/06/2013 16:00	99670.0	47900.0																																		
Pipeline	Coating	13/05/2013 08:00	01/07/2013 11:13	99670.0	47900.0																																		
Pipeline	Trench	15/05/2013 13:08	04/07/2013 14:33	99670.0	47900.0																																		
Pipeline	Lower-In	20/05/2013 08:00	08/07/2013 16:00	99670.0	47900.0																																		
Pipeline	Backfill	23/05/2013 09:48	12/07/2013 11:13	99670.0	47900.0																																		
Pipeline	Final Cleanup	27/05/2013 13:08	16/07/2013 14:33	99670.0	47900.0																																		
Pipeline	Hydro - 01	16/07/2013 14:33	19/07/2013 16:00	0.0	15000.0																																		
Pipeline	Hydro - 02	22/07/2013 08:00	23/07/2013 14:33	15000.0	23000.0																																		
Pipeline	Hydro - 03	23/07/2013 14:33	26/07/2013 14:33	23000.0	37900.0																																		
Pipeline	Hydro - 04	26/07/2013 14:33	31/07/2013 14:33	37900.0	47993.0																																		
Pipeline	Hydro - 05	31/07/2013 14:33	06/08/2013 14:33	47993.0	58000.0																																		
Pipeline	Hydro - 06	06/08/2013 14:33	09/08/2013 16:00	58000.0	79000.0																																		
Pipeline	Hydro - 07	12/08/2013 08:00	16/08/2013 14:33	79000.0	98000.0																																		

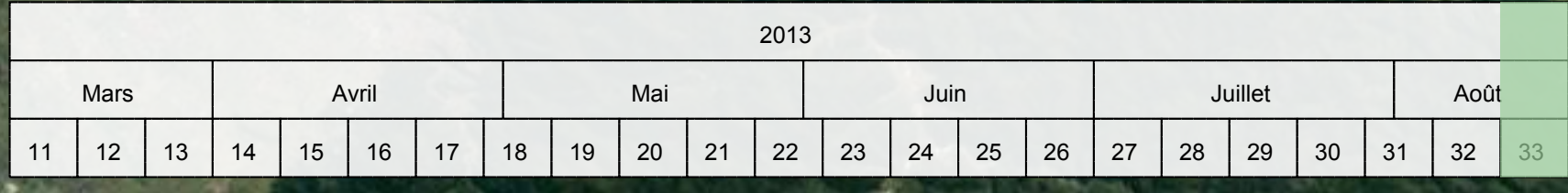
[illegible]



Zone (PM)	Nom (PM)	Debut (PM)	Fin (PM)	Pk de debut (PM)	Pk de fin (PM)	2013																																	
						Mars						Avril						Mai						Jun						Juillet						Août			
						9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34								
Pipeline	Clear and Grub	11/03/2013 08:00	13/03/2013 16:00	0.0	4500.0																																		
Pipeline	Clear and Grub	14/03/2013 08:00	22/03/2013 16:00	10000.0	19500.0																																		
Protected area 1	Bird Area	15/03/2013 08:00	14/05/2013 16:00	60000.0	55000.0																																		
Pipeline	Grade	18/03/2013 08:00	22/03/2013 16:00	0.0	4500.0																																		
Pipeline	Weld	25/03/2013 08:00	05/04/2013 16:00	0.0	11600.0																																		
Pipeline	Haul and String	25/03/2013 08:00	05/04/2013 16:00	0.0	13400.0																																		
Pipeline	Grade	25/03/2013 08:00	27/03/2013 16:00	10000.0	14500.0																																		
Pipeline	Clear and Grub	25/03/2013 08:00	29/03/2013 16:00	4500.0	10000.0																																		
Pipeline	Clear and Grub	01/04/2013 08:00	05/04/2013 16:00	19500.0	26700.0																																		
Pipeline	Grade	02/04/2013 08:00	05/04/2013 16:00	14500.0	22000.0																																		
Pipeline	Grade	08/04/2013 08:00	06/05/2013 10:50	22000.0	47600.0																																		
Pipeline	Grade	08/04/2013 08:00	11/04/2013 16:00	4500.0	10000.0																																		
Pipeline	Clear and Grub	08/04/2013 08:00	23/04/2013 16:00	26700.0	47600.0																																		
NECKAR	Mobilization and Rig Setup	08/04/2013 08:00	12/04/2013 16:00	48400.0	46800.0																																		
L449	L449	08/04/2013 08:00	09/04/2013 16:00	2700.0	2700.0																																		
Protected area 2	Bird Nests	08/04/2013 08:00	23/04/2013 16:00	47600.0	26700.0																																		
Aucoute	River Crossing	08/04/2013 08:00	03/05/2013 16:00	48400.0	46800.0																																		
K31	K31	10/04/2013 08:00	11/04/2013 16:00	26914.0	26914.0																																		
Pipeline	Haul and String	10/04/2013 15:32	09/05/2013 09:22	13400.0	47600.0																																		
B38	B38	12/04/2013 08:00	12/04/2013 16:00	42302.0	42302.0																																		
Pipeline	Weld	15/04/2013 08:00	10/05/2013 16:00	11600.0	47600.0																																		
A556	A556	15/04/2013 08:00	16/04/2013 16:00	50385.0	50385.0																																		
NECKAR	Pilot hole	15/04/2013 08:00	16/04/2013 16:00	48400.0	46800.0																																		
Pipeline	Coating	16/04/2013 13:08	14/05/2013 16:00	0.0	47600.0																																		
MA HD	Rail crossing	17/04/2013 08:00	18/04/2013 16:00	51015.0	51015.0																																		
NECKAR	Reaming path 1	17/04/2013 08:00	19/04/2013 16:00	48400.0	46800.0																																		
Pipeline	Trench	18/04/2013 13:38	16/05/2013 16:00	0.0	47600.0																																		
A61	A61	19/04/2013 08:00	19/04/2013 16:00	64163.0	64163.0																																		
Pipeline	Lower-In	22/04/2013 08:00	17/05/2013 16:00	0.0	47600.0																																		
NECKAR	Reaming path 2	23/04/2013 08:00	23/04/2013 16:00	48400.0	46800.0																																		
L556	L556	22/04/2013 08:00	23/04/2013 16:00	68772.0	68772.0																																		
Pipeline	Backfill	23/04/2013 14:38	22/05/2013 08:28	0.0	47600.0																																		
NECKAR	Reaming path 3	24/04/2013 08:00	26/04/2013 16:00	48400.0	46800.0																																		
Pipeline	Clear and Grub	24/04/2013 08:00	11/06/2013 09:23	99670.0	47900.0																																		
B35	B35	24/04/2013 08:00	25/04/2013 16:00	81968.0	81968.0																																		
Pipeline	Final Cleanup	25/04/2013 15:08	24/05/2013 08:58	0.0	47600.0																																		
NECKAR	Pull Back	29/04/2013 08:00	30/04/2013 16:00	48400.0	46800.0																																		
Pipeline	Grade	29/04/2013 08:00	19/06/2013 11:07	99670.0	47900.0																																		
NECKAR	Dremobilization	01/05/2013 08:00	03/05/2013 16:00	48400.0	46800.0																																		
Pipeline	Haul and String	03/05/2013 13:08	21/06/2013 16:00	99670.0	47900.0																																		
Pipeline	Weld	08/05/2013 08:00	26/06/2013 16:00	99670.0	47900.0																																		
Pipeline	Coating	13/05/2013 08:00	01/07/2013 11:13	99670.0	47900.0																																		
Pipeline	Trench	15/05/2013 13:08	04/07/2013 14:33	99670.0	47900.0																																		
Pipeline	Lower-In	20/05/2013 08:00	08/07/2013 16:00	99670.0	47900.0																																		
Pipeline	Backfill	23/05/2013 09:48	12/07/2013 11:13	99670.0	47900.0																																		
Pipeline	Final Cleanup	27/05/2013 13:08	16/07/2013 14:33	99670.0	47900.0																																		
Pipeline	Hydro - 01	16/07/2013 14:33	19/07/2013 16:00	0.0	15000.0																																		
Pipeline	Hydro - 02	22/07/2013 08:00	23/07/2013 14:33	15000.0	23000.0																																		
Pipeline	Hydro - 03	23/07/2013 14:33	26/07/2013 14:33	23000.0	37500.0																																		
Pipeline	Hydro - 04	26/07/2013 14:33	31/07/2013 14:33	37500.0	47593.0																																		
Pipeline	Hydro - 05	31/07/2013 14:33	06/08/2013 14:33	47593.0	58000.0																																		
Pipeline	Hydro - 06	06/08/2013 14:33	09/08/2013 16:00	58000.0	79000.0																																		
Pipeline	Hydro - 07	12/08/2013 08:00	16/08/2013 14:33	79000.0	98000.0																																		

[illegible]

[illegible]

[illegible]