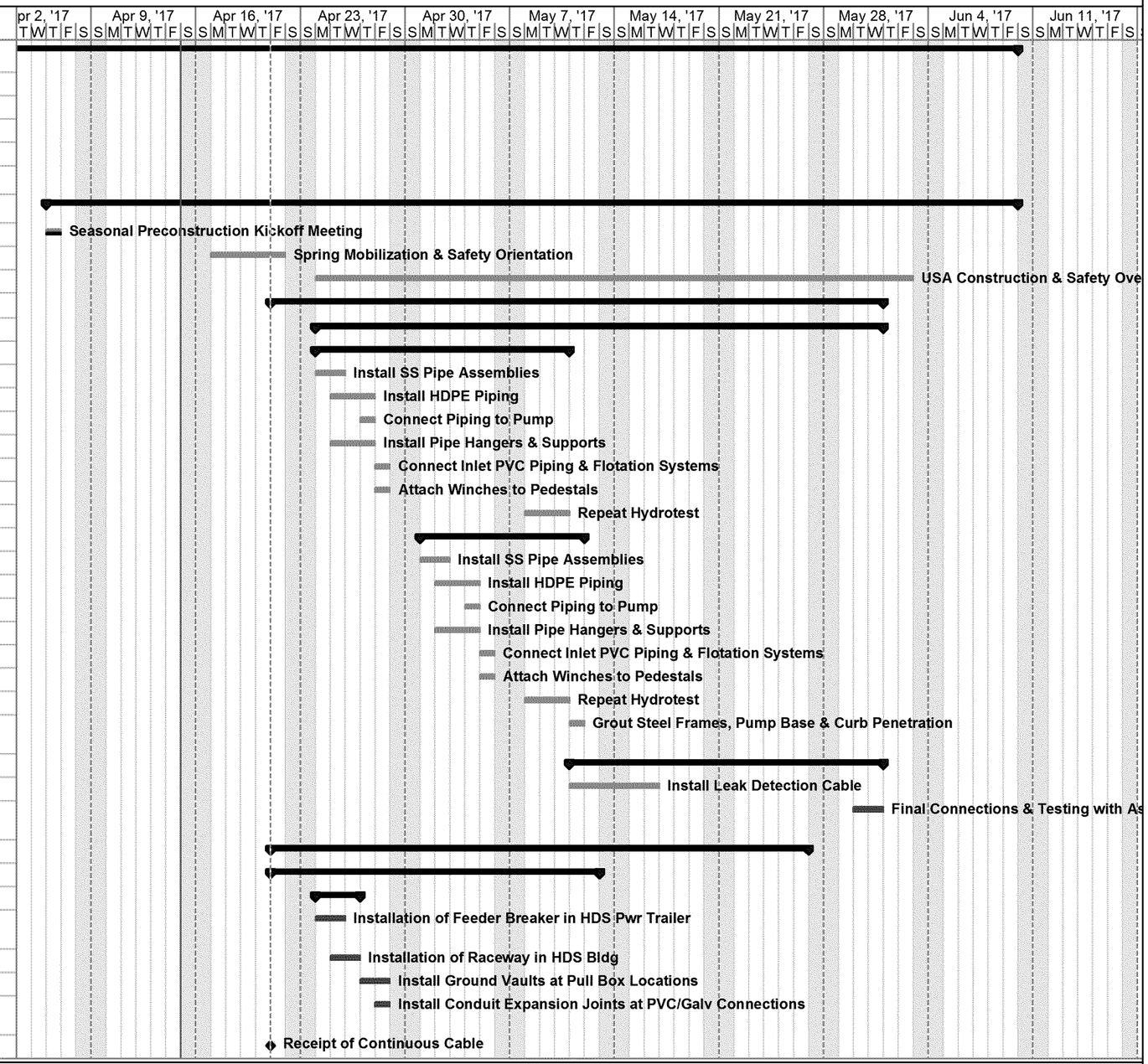
UPCS Project
Leviathan Mine Site

SPRING 2017 SCHEDULE

FULL REMAINING DURATION

ID	Task Name	Duration	Early Start	Early Finish	% Comp	Predecessors
1	**ARC - UPCS PROJECT**				**89%**	
2	Notice to Proceed	0 days	Wed 6/1/16	Wed 6/1/16	100%	
3	Preconstruction Kickoff Meeting	1 day	Wed 6/29/16	Wed 6/29/16	100%	4
4	**SUBMITTAL PREPARATION**	**13 days**	**Wed 6/1/16**	**Fri 6/17/16**	**100%**	**2**
10	**PROCUREMENT TRACKING**	**89 days**	**Wed 6/1/16**	**Thu 10/6/16**	**100%**	
18	**2016 ACTIVITIES**	**78 days**	**Mon 7/11/16**	**Fri 10/28/16**	**100%**	
141	**2017 ACTIVITIES**	**47 days**	**Thu 4/6/17**	**Fri 6/9/17**	**1%**	
142	Seasonal Preconstruction Kickoff Meeting	1 day	Thu 4/6/17	Thu 4/6/17	100%	
143	Spring Mobilization & Safety Orientation	5 days	Mon 4/17/17	Fri 4/21/17	0%	142FS+6 days
144	USA Construction & Safety Oversight	30 days	Mon 4/24/17	Fri 6/2/17	0%	143
145	**CRITICAL PATH ACTIVITIES**	**29 days**	**Thu 4/20/17**	**Wed 5/31/17**	**0%**	
146	**PUMP STATIONS**	**28 days**	**Mon 4/24/17**	**Wed 5/31/17**	**0%**	
147	**Pond 1 P.S.**	**13 days**	**Mon 4/24/17**	**Wed 5/10/17**	**0%**	
148	Install SS Pipe Assemblies	2 days	Mon 4/24/17	Tue 4/25/17	0%	143
149	Install HDPE Piping	3 days	Tue 4/25/17	Thu 4/27/17	0%	148FS-1 day
150	Connect Piping to Pump	1 day	Thu 4/27/17	Thu 4/27/17	0%	149FF
151	Install Pipe Hangers & Supports	3 days	Tue 4/25/17	Thu 4/27/17	0%	150FF
152	Connect Inlet PVC Piping & Flotation Syste	1 day	Fri 4/28/17	Fri 4/28/17	0%	151
153	Attach Winches to Pedestals	1 day	Fri 4/28/17	Fri 4/28/17	0%	150
154	Repeat Hydrotest	3 days	Mon 5/8/17	Wed 5/10/17	0%	159,161
155	**Pond 2S P.S.**	**9 days**	**Mon 5/1/17**	**Thu 5/11/17**	**0%**	
156	Install SS Pipe Assemblies	2 days	Mon 5/1/17	Tue 5/2/17	0%	153
157	Install HDPE Piping	3 days	Tue 5/2/17	Thu 5/4/17	0%	156FS-1 day
158	Connect Piping to Pump	1 day	Thu 5/4/17	Thu 5/4/17	0%	157FF
159	Install Pipe Hangers & Supports	3 days	Tue 5/2/17	Thu 5/4/17	0%	158FF
160	Connect Inlet PVC Piping & Flotation Syste	1 day	Fri 5/5/17	Fri 5/5/17	0%	158
161	Attach Winches to Pedestals	1 day	Fri 5/5/17	Fri 5/5/17	0%	158
162	Repeat Hydrotest	3 days	Mon 5/8/17	Wed 5/10/17	0%	159,161
163	Grout Steel Frames, Pump Base & Curb Penetration	1 day	Thu 5/11/17	Thu 5/11/17	0%	162
164	**LEAK DETECTION SYSTEM**	**15 days**	**Thu 5/11/17**	**Wed 5/31/17**	**0%**	
165	Install Leak Detection Cable	4 days	Thu 5/11/17	Tue 5/16/17	0%	162
166	Final Connections & Testing with Ashahi Tech Rep	2 days	Tue 5/30/17	Wed 5/31/17	0%	165
167	**ELECTRICAL**	**26 days**	**Thu 4/20/17**	**Fri 5/26/17**	**0%**	
168	**CONDUIT, CABLE & FIBER INSTALL**	**16 days**	**Thu 4/20/17**	**Fri 5/12/17**	**0%**	
169	**HDS POWER TRAILER ACTIVITIES**	**3 days**	**Mon 4/24/17**	**Wed 4/26/17**	**0%**	
170	Installation of Feeder Breaker in HDS Pwr Trailer	2 days	Mon 4/24/17	Tue 4/25/17	0%	143
171	Installation of Raceway in HDS Bldg	2 days	Tue 4/25/17	Wed 4/26/17	0%	170FS-1 day
172	Install Ground Vaults at Pull Box Locations	2 days	Thu 4/27/17	Fri 4/28/17	0%	171
173	Install Conduit Expansion Joints at PVC/Galv Connections	1 day	Fri 4/28/17	Fri 4/28/17	0%	172FF
174	Receipt of Continuous Cable	0 days	Thu 4/20/17	Thu 4/20/17	0%	



Task | Split | Milestone | Summary | Project Summary | External Tasks | External Milestone | Inactive Task | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | Progress | Deadline

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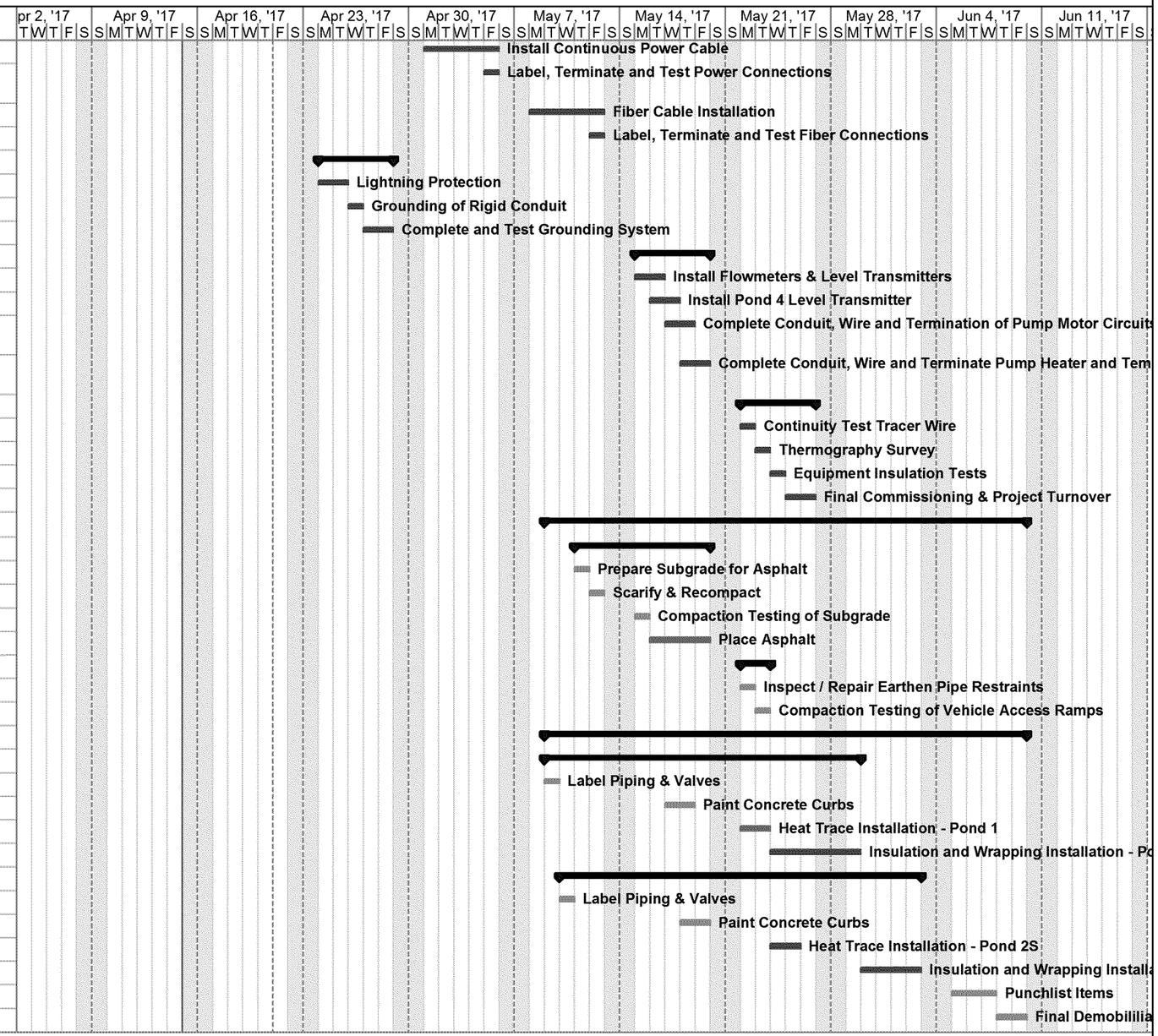
FULL REMAINING DURATION

ID	Task Name	Duration	Early Start	Early Finish	% Comp	Predecessors
175	Install Continuous Power Cable	5 days	Mon 5/1/17	Fri 5/5/17	0%	174FS+6 days
176	Label, Terminate and Test Power Connections	1 day	Fri 5/5/17	Fri 5/5/17	0%	175FF
177	Fiber Cable Installation	5 days	Mon 5/8/17	Fri 5/12/17	0%	176
178	Label, Terminate and Test Fiber Connectior	1 day	Fri 5/12/17	Fri 5/12/17	0%	177FF
179	**GROUNDING SYSTEM**	**5 days**	**Mon 4/24/17**	**Fri 4/28/17**	**0%**	
180	Lightning Protection	2 days	Mon 4/24/17	Tue 4/25/17	0%	143
181	Grounding of Rigid Conduit	1 day	Wed 4/26/17	Wed 4/26/17	0%	180
182	Complete and Test Grounding System	2 days	Thu 4/27/17	Fri 4/28/17	0%	181
183	**INSTRUMENTATION CONNECTIONS**	**5 days**	**Mon 5/15/17**	**Fri 5/19/17**	**0%**	
184	Install Flowmeters & Level Transmitters	2 days	Mon 5/15/17	Tue 5/16/17	0%	177
185	Install Pond 4 Level Transmitter	2 days	Tue 5/16/17	Wed 5/17/17	0%	184FS-1 day
186	Complete Conduit, Wire and Termination of Pump Motor Circuits	2 days	Wed 5/17/17	Thu 5/18/17	0%	185FS-1 day
187	Complete Conduit, Wire and Terminate Pump Heater and Temp Switch	2 days	Thu 5/18/17	Fri 5/19/17	0%	186FS-1 day
188	**STARTUP & TESTING**	**5 days**	**Mon 5/22/17**	**Fri 5/26/17**	**0%**	
189	Continuity Test Tracer Wire	1 day	Mon 5/22/17	Mon 5/22/17	0%	187
190	Thermography Survey	1 day	Tue 5/23/17	Tue 5/23/17	0%	189
191	Equipment Insulation Tests	1 day	Wed 5/24/17	Wed 5/24/17	0%	190
192	Final Commissioning & Project Turnover	2 days	Thu 5/25/17	Fri 5/26/17	0%	191
193	**NON-CRITICAL PATH ACTIVITIES**	**24 days**	**Tue 5/9/17**	**Fri 6/9/17**	**0%**	
194	**ASPHALT RESTORATION**	**7 days**	**Thu 5/11/17**	**Fri 5/19/17**	**0%**	
195	Prepare Subgrade for Asphalt	1 day	Thu 5/11/17	Thu 5/11/17	0%	162
196	Scarify & Recompact	1 day	Fri 5/12/17	Fri 5/12/17	0%	195
197	Compaction Testing of Subgrade	1 day	Mon 5/15/17	Mon 5/15/17	0%	196
198	Place Asphalt	4 days	Tue 5/16/17	Fri 5/19/17	0%	197
199	**MISCELLANEOUS CIVIL**	**2 days**	**Mon 5/22/17**	**Tue 5/23/17**	**0%**	
200	Inspect / Repair Earthen Pipe Restraints	1 day	Mon 5/22/17	Mon 5/22/17	0%	198
201	Compaction Testing of Vehicle Access Ramps	1 day	Tue 5/23/17	Tue 5/23/17	0%	200
202	**PUMP STATIONS**	**24 days**	**Tue 5/9/17**	**Fri 6/9/17**	**0%**	
203	**Pond 1 P.S.**	**15 days**	**Tue 5/9/17**	**Mon 5/29/17**	**0%**	
204	Label Piping & Valves	1 day	Tue 5/9/17	Tue 5/9/17	0%	161FS+1 day
205	Paint Concrete Curbs	2 days	Wed 5/17/17	Thu 5/18/17	0%	165
206	Heat Trace Installation - Pond 1	2 days	Mon 5/22/17	Tue 5/23/17	0%	187
207	Insulation and Wrapping Installation - Pond	4 days	Wed 5/24/17	Mon 5/29/17	0%	206
208	**Pond 2S P.S.**	**18 days**	**Wed 5/10/17**	**Fri 6/2/17**	**0%**	
209	Label Piping & Valves	1 day	Wed 5/10/17	Wed 5/10/17	0%	204
210	Paint Concrete Curbs	2 days	Thu 5/18/17	Fri 5/19/17	0%	205FS-1 day
211	Heat Trace Installation - Pond 2S	2 days	Wed 5/24/17	Thu 5/25/17	0%	206
212	Insulation and Wrapping Installation - Pond	4 days	Tue 5/30/17	Fri 6/2/17	0%	207
213	Punchlist Items	3 days	Mon 6/5/17	Wed 6/7/17	0%	212
214	Final Demobililiation	2 days	Thu 6/8/17	Fri 6/9/17	0%	213



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