

Activity ID	Activity Name	Contractor	Orig Dur	% Compl	Start	Finish	Total Float	Classic Schedule Layout														
								Qtr 3, 2019				Qtr 4, 2019				Qtr 1, 2020			Qtr 2, 2020			Qtr 3, 2020
								Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
<b>Overall Project</b>								30-Jun-20														
10	Notice of Award	Owner	5	0%	18-Jun-19	24-Jun-19	17	[Gantt bar: 18-Jun-19 to 24-Jun-19]														
1000	Notice to Proceed	Owner	1	0%	03-Sep-19*	03-Sep-19	0	[Gantt bar: 03-Sep-19 to 03-Sep-19]														
1010	Equipment Mob	GC	4	0%	04-Sep-19	09-Sep-19	5	[Gantt bar: 04-Sep-19 to 09-Sep-19]														
1020	Office Set Up	GC	9	0%	04-Sep-19	17-Sep-19	0	[Gantt bar: 04-Sep-19 to 17-Sep-19]														
1030	Utility Locates (by Others)	Others	4	0%	04-Sep-19	09-Sep-19	5	[Gantt bar: 04-Sep-19 to 09-Sep-19]														
1040	Initial Erosion Control & Proj. Deliniation	GC	7	0%	19-Sep-19	30-Sep-19	0	[Gantt bar: 19-Sep-19 to 30-Sep-19]														
1055	90 Day Leak Testing of Site Piping	Owner	59	0%	24-Mar-20	24-Jun-20	4	[Gantt bar: 24-Mar-20 to 24-Jun-20]														
1050	Site Seeding	GC	5	0%	26-May-20	01-Jun-20	0	[Gantt bar: 26-May-20 to 01-Jun-20]														
1060	Install Site Road Base	GC	5	0%	26-May-20	01-Jun-20	0	[Gantt bar: 26-May-20 to 01-Jun-20]														
1070	Testing Site Piping	GC	5	0%	26-May-20	01-Jun-20	0	[Gantt bar: 26-May-20 to 01-Jun-20]														
1080	Punch List	GC	5	0%	02-Jun-20	08-Jun-20	0	[Gantt bar: 02-Jun-20 to 08-Jun-20]														
1090	Removals & Demob	GC	15	0%	09-Jun-20	30-Jun-20	0	[Gantt bar: 09-Jun-20 to 30-Jun-20]														
9999	Project Completion Milestone 7/1/20	GC	0	0%		30-Jun-20	0	[Milestone diamond: 30-Jun-20]														
<b>Permits &amp; Procurement</b>								16-Oct-19, Permits & Procurement														
1200	CDPHE Storm Water Permit Submit for Approval	GC	60	0%	25-Jun-19	23-Aug-19	298	[Gantt bar: 25-Jun-19 to 23-Aug-19]														
1220	CDWR Notice of Intent to Dewater Submit for Approval	GC	60	0%	25-Jun-19	23-Aug-19	298	[Gantt bar: 25-Jun-19 to 23-Aug-19]														
1230	CDOT Special Use /Access Permit Submit for Approval	GC	30	0%	25-Jun-19	24-Jul-19	34	[Gantt bar: 25-Jun-19 to 24-Jul-19]														
1240	Boulder Co. Oversize / Overweight Submit for Approval	GC	30	0%	25-Jun-19	24-Jul-19	34	[Gantt bar: 25-Jun-19 to 24-Jul-19]														
1250	Boulder Co. Stream Restoration Submit for Approval	GC	40	0%	25-Jun-19	03-Aug-19	24	[Gantt bar: 25-Jun-19 to 03-Aug-19]														
1260	Gates - Review & Approve	Owner	14	0%	25-Jun-19	08-Jul-19	81	[Gantt bar: 25-Jun-19 to 08-Jul-19]														
1300	Pipe - Review & Approve	Owner	14	0%	25-Jun-19	08-Jul-19	76	[Gantt bar: 25-Jun-19 to 08-Jul-19]														
1340	Box Culvert - Review & Approve	Owner	14	0%	25-Jun-19	08-Jul-19	186	[Gantt bar: 25-Jun-19 to 08-Jul-19]														
1380	Valves - Review & Approve	Owner	14	0%	25-Jun-19	08-Jul-19	81	[Gantt bar: 25-Jun-19 to 08-Jul-19]														
1420	Misc. Metals Items - Review & Approve	Owner	14	0%	25-Jun-19	08-Jul-19	81	[Gantt bar: 25-Jun-19 to 08-Jul-19]														
1460	Prefab Building - Review & Approve	Owner	14	0%	25-Jun-19	08-Jul-19	169	[Gantt bar: 25-Jun-19 to 08-Jul-19]														
1500	Prefab Bridges - Review & Approve	Owner	14	0%	25-Jun-19	08-Jul-19	169	[Gantt bar: 25-Jun-19 to 08-Jul-19]														
1540	Precast Manholes - Review & Approve	Owner	14	0%	25-Jun-19	08-Jul-19	120	[Gantt bar: 25-Jun-19 to 08-Jul-19]														
1210	CDPHE Dewatering Permit Submit for Approval	GC	60	0%	25-Jun-19	23-Aug-19	298	[Gantt bar: 25-Jun-19 to 23-Aug-19]														
1290	Gates - Order & Deliver	GC	60	0%	09-Jul-19	06-Sep-19	81	[Gantt bar: 09-Jul-19 to 06-Sep-19]														
1330	Pipe - Order & Deliver	GC	40	0%	09-Jul-19	17-Aug-19	76	[Gantt bar: 09-Jul-19 to 17-Aug-19]														
1370	Box Culvert - Order & Deliver	GC	60	0%	09-Jul-19	06-Sep-19	186	[Gantt bar: 09-Jul-19 to 06-Sep-19]														
1410	Valves - Order & Deliver	GC	60	0%	09-Jul-19	06-Sep-19	81	[Gantt bar: 09-Jul-19 to 06-Sep-19]														
1450	Misc. Metals Items - Order & Deliver Materials	GC	60	0%	09-Jul-19	06-Sep-19	81	[Gantt bar: 09-Jul-19 to 06-Sep-19]														
1490	Prefab Building - Order & Deliver	GC	100	0%	09-Jul-19	16-Oct-19	169	[Gantt bar: 09-Jul-19 to 16-Oct-19]														
1530	Prefab Bridges - Order & Deliver	GC	90	0%	09-Jul-19	06-Oct-19	169	[Gantt bar: 09-Jul-19 to 06-Oct-19]														
1570	Precast Manholes - Order & Deliver	GC	90	0%	09-Jul-19	06-Oct-19	120	[Gantt bar: 09-Jul-19 to 06-Oct-19]														
1235	CDOT Special Use /Access Permit Approval Process	Owner	14	0%	25-Jul-19	07-Aug-19	34	[Gantt bar: 25-Jul-19 to 07-Aug-19]														
1245	Boulder Co. Oversize / Overweight Approval Process	Owner	14	0%	25-Jul-19	07-Aug-19	34	[Gantt bar: 25-Jul-19 to 07-Aug-19]														
1255	Boulder Co. Stream Restoration Approval Process	Owner	14	0%	04-Aug-19	17-Aug-19	24	[Gantt bar: 04-Aug-19 to 17-Aug-19]														
1215	CDPHE Dewatering Perimt Approval Process	Owner	14	0%	24-Aug-19	06-Sep-19	298	[Gantt bar: 24-Aug-19 to 06-Sep-19]														
1225	CDWR Notice of Intent to Dewater Approval Process	Owner	14	0%	24-Aug-19	06-Sep-19	298	[Gantt bar: 24-Aug-19 to 06-Sep-19]														
1205	CDPHE Storm Water Permit Approval Process	Owner	14	0%	24-Aug-19	06-Sep-19	298	[Gantt bar: 24-Aug-19 to 06-Sep-19]														
<b>Westlake Dam</b>								22-May-20, Westlake Dam														
2000	Initial Dewatering	GC	10	0%	16-Sep-19	01-Oct-19	162	[Gantt bar: 16-Sep-19 to 01-Oct-19]														
2005	Clear & Grub	GC	2	0%	01-Oct-19	03-Oct-19	0	[Gantt bar: 01-Oct-19 to 03-Oct-19]														

█ Actual Level of Effort   
 █ Remaining Work   
 █ Critical Remaining Work   
 ◆ Milestone   
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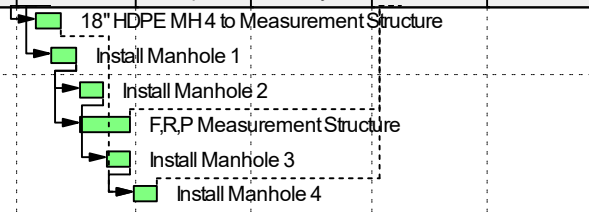
Activity ID	Activity Name	Contractor	Orig Dur	% Compl	Start	Finish	Total Float	Classic Schedule Layout															
								Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul		
2010	Remove Topsoil	GC	2	0%	04-Oct-19	07-Oct-19	0																
2020	Demo & Excavation	GC	8	0%	08-Oct-19	21-Oct-19	0																
2030	FRP Base Slab	Conc Sub	7	0%	22-Oct-19	01-Nov-19	0																
2040	Install 20 Dia. HDPE	GC	3	0%	04-Nov-19	07-Nov-19	0																
2050	Concrete Encase 20" HDPE	Conc Sub	12	0%	08-Nov-19	26-Nov-19	0																
2060	Install Clay Core Zones 1, 2 & 3A	GC	17	0%	27-Nov-19	31-Dec-19	22																
2070	FRP Concrete Inlet Tower	Conc Sub	17	0%	27-Nov-19	31-Dec-19	0																
2080	Install Foothills 60" Siphon	GC	5	0%	12-Dec-19	19-Dec-19	0																
2081	Milestone Completion of Foothills by 4/1/20	GC	0	0%		19-Dec-19*	59																
2090	Install Cough & True 18" Siphon	GC	4	0%	20-Dec-19	30-Dec-19	0																
2100	FRP Foothills Siphon Structure	Conc Sub	13	0%	31-Dec-19	21-Jan-20	0																
2110	FRP Cough & True Structures	Conc Sub	7	0%	23-Jan-20	03-Feb-20	0																
2120	Install 8" Drain Line	GC	7	0%	23-Jan-20	03-Feb-20	5																
2140	Backfill Structures & Install MH 1	GC	3	0%	04-Feb-20	07-Feb-20	0																
2130	FRP Bridge Footer	Conc Sub	3	0%	04-Feb-20	07-Feb-20	5																
2150	Concrete Encasement of 8" Drain Line	Conc Sub	3	0%	04-Feb-20	07-Feb-20	5																
2160	Embankment Top Out with Clay Core & Zones 1,2,3A	GC	5	0%	10-Feb-20	17-Feb-20	0																
2170	Excavate Cut Off Wall	GC	5	0%	18-Feb-20	25-Feb-20	0																
2180	FRP Cut Off Wall	Conc Sub	25	0%	26-Feb-20	03-Apr-20	0																
2190	FRP 20" HDPE Pipe Headwall	Conc Sub	5	0%	06-Apr-20	13-Apr-20	9																
2200	Backfill Cut Off Wall	GC	5	0%	06-Apr-20	13-Apr-20	0																
2210	Place Bedding & Rip Rap	GC	20	0%	14-Apr-20	14-May-20	0																
2220	FRP Outlet Concrete Channel	Conc Sub	3	0%	14-Apr-20	16-Apr-20	9																
2225	FRP Distilling Basin	Conc Sub	2	0%	17-Apr-20	20-Apr-20	9																
2230	Install Pipe at Distilling Basin	GC	2	0%	21-Apr-20	23-Apr-20	9																
2240	Backfill Structures	GC	4	0%	24-Apr-20	29-Apr-20	9																
2250	Place Top Soil	GC	5	0%	15-May-20	22-May-20	0																
<b>Lake 3 Dam</b>			<b>41</b>	<b>0%</b>	<b>01-Oct-19</b>	<b>10-Dec-19</b>	<b>97</b>																
3000	Clear & Grub	GC	2	0%	01-Oct-19	03-Oct-19	0																
3010	Remove Topsoil	GC	2	0%	04-Oct-19	07-Oct-19	0																
3020	Excavation	GC	3	0%	08-Oct-19	11-Oct-19	0																
3040	Embankment from Lake 4 (approx. 50,000 cys)	GC	13	0%	14-Oct-19	04-Nov-19	0																
3030	Install Clay Core & Zones 1, 2 & 3A	GC	9	0%	17-Oct-19	31-Oct-19	99																
3035	Install Irrigation Ditch Rip Rap	GC	2	0%	22-Oct-19	24-Oct-19	103																
3050	Install Rip Rap & Bedding	GC	18	0%	05-Nov-19	05-Dec-19	97																
3060	FRP Cut Off Wall	Conc Sub	15	0%	05-Nov-19	27-Nov-19	97																
3070	Place Top Soil	GC	3	0%	06-Dec-19	10-Dec-19	97																
<b>Lake 4 Excavation</b>			<b>122</b>	<b>0%</b>	<b>14-Oct-19</b>	<b>01-Apr-20</b>	<b>38</b>																
4000	Excavate approx. 50,000 cys to Lake 3	GC	11	0%	14-Oct-19	31-Oct-19	0																
4010	Excavate approx. 136,500 cys to Westlake	GC	40	0%	27-Nov-19	10-Feb-20	64																
4030	Excavate approx. 5,000 cys to Westlake	GC	17	0%	27-Nov-19	31-Dec-19	22																
4020	Excavate approx. 10,000 cys to Lake 4	GC	15	0%	03-Dec-19	31-Dec-19	3																
4040	Excavate approx. 3,000 cys to Westlake	GC	5	0%	10-Feb-20	17-Feb-20	0																
4050	Excavate approx. 5,000 cys to Lake 4	GC	6	0%	18-Feb-20	26-Feb-20	0																
4060	Excavate approx. 3,000 cys to A Frame	GC	2	0%	27-Feb-20	28-Feb-20	0																
4070	Build Berm at A Frame Dam	GC	2	0%	02-Mar-20	03-Mar-20	0																

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								Qtr 3, 2019			Qtr 4, 2019			Qtr 1, 2020			Qtr 2, 2020			Qtr 3, 2020		
								Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
4080	Excavate approx. 15,000 cys to Clough & True	GC	8	0%	04-Mar-20	16-Mar-20	0															
4090	Excavate approx. 2,500 cys to Ramey	GC	1	0%	17-Mar-20	17-Mar-20	0															
4100	Excavate approx. 20,000 cys to BCPOS Stockpile	GC	8	0%	19-Mar-20	31-Mar-20	0															
4101	Milestone Completion by 4/1/20	GC	0	0%		01-Apr-20*	0															
<b>Lake 4 Dam</b>			<b>82</b>	<b>0%</b>	<b>01-Nov-19</b>	<b>23-Mar-20</b>	<b>38</b>															
5000	Clear & Grub	GC	2	0%	01-Nov-19	04-Nov-19	0															
5010	Remove Top Soil	GC	2	0%	05-Nov-19	07-Nov-19	0															
5020	Demo & Excavation	GC	5	0%	08-Nov-19	15-Nov-19	0															
5030	FRP Tower 1 Slab	Conc Sub	5	0%	18-Nov-19	22-Nov-19	0															
5040	FRP Tower 2 Slab	Conc Sub	5	0%	18-Nov-19	22-Nov-19	4															
5050	Install Clay Core & Zones 1, 2 & 3A	GC	4	0%	25-Nov-19	02-Dec-19	0															
5080	FRP Tower 1 Concrete	Conc Sub	15	0%	25-Nov-19	20-Dec-19	39															
5060	Install 24" Ductile Pipe	GC	3	0%	03-Dec-19	06-Dec-19	0															
5070	Concrete Encasement of 24" Pipe	Conc Sub	15	0%	09-Dec-19	06-Jan-20	0															
5090	FRP Tower 2 Concrete	Conc Sub	15	0%	13-Dec-19	10-Jan-20	39															
5100	Place Embankment	GC	13	0%	07-Jan-20	28-Jan-20	0															
5140	Excavate for Cut Off Wall	GC	2	0%	13-Jan-20	14-Jan-20	57															
5150	FRP Cut Off Wall Footings	Conc Sub	10	0%	16-Jan-20	31-Jan-20	57															
5110	Place Zone Material to Elevation of Toe Drain	GC	5	0%	30-Jan-20	06-Feb-20	0															
5160	FRP Cut Off Wall Walls	Conc Sub	10	0%	03-Feb-20	18-Feb-20	57															
5120	Install Non-slotted Pipe	GC	1	0%	07-Feb-20	07-Feb-20	0															
5130	FRP Outfall Structure	Conc Sub	5	0%	10-Feb-20	17-Feb-20	0															
5170	Place Embankment to Top of Dam	GC	6	0%	18-Feb-20	26-Feb-20	0															
5180	Spillway Grading	GC	4	0%	27-Feb-20	03-Mar-20	38															
5190	Place Rip Rap & Bedding	GC	10	0%	04-Mar-20	19-Mar-20	38															
5200	Place Topsoil	GC	2	0%	20-Mar-20	23-Mar-20	38															
<b>A Frame Dam</b>			<b>56</b>	<b>0%</b>	<b>18-Feb-20</b>	<b>15-May-20</b>	<b>29</b>															
6000	Clear & Grub	GC	2	0%	18-Feb-20	20-Feb-20	3															
6010	Remove Top Soil	GC	2	0%	21-Feb-20	24-Feb-20	3															
6020	Place Embankment	GC	2	0%	25-Feb-20	26-Feb-20	3															
6030	Build Berm	GC	2	0%	27-Feb-20	28-Feb-20	3															
6040	Excavate for Box Culvert	GC	4	0%	02-Mar-20	05-Mar-20	3															
6050	Fine Grade at Box Culvert	GC	2	0%	04-Mar-20	05-Mar-20	3															
6060	Set Box Culvert	GC	7	0%	06-Mar-20	17-Mar-20	3															
6070	Backfill Box Culvert	GC	8	0%	09-Mar-20	20-Mar-20	29															
6080	Set Westlake Bridge	GC	2	0%	19-Mar-20	20-Mar-20	3															
6110	FRP Weir Structure	Conc Sub	20	0%	23-Mar-20	21-Apr-20	29															
6120	FRP Cut Off Walls	Conc Sub	20	0%	23-Mar-20	21-Apr-20	29															
6090	Set Lake 4 Bridge	GC	4	0%	23-Mar-20	27-Mar-20*	3															
6100	Set Prefab Building at Lake 4 Tower 1	GC	1	0%	30-Mar-20	30-Mar-20	4															
6130	FRP Outlet Head Walls & Wing Walls	Conc Sub	15	0%	23-Apr-20	15-May-20	29															
<b>Lake 4 Outlet Pipe</b>			<b>61</b>	<b>0%</b>	<b>13-Jan-20</b>	<b>06-Apr-20</b>	<b>45</b>															
7000	Outlet Pipe MH 1 to MH 2	GC	10	0%	13-Jan-20	28-Jan-20	39															
7010	Outlet Pipe MH 2 to MH 3	GC	10	0%	30-Jan-20	14-Feb-20	39															
7020	Outlet Pipe MH 3 to MH 4	GC	10	0%	17-Feb-20	02-Mar-20	39															
7030	Outlet Pipe Tie into AFrame Wing Walls	GC	5	0%	03-Mar-20	09-Mar-20	39															

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								Qtr 3, 2019			Qtr 4, 2019			Qtr 1, 2020			Qtr 2, 2020			Qtr 3, 2020					
								Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul				
7090	18" HDPE MH4 to Measurement Structure	GC	5	0%	06-Mar-20	12-Mar-20	57																		
7040	Install Manhole 1	GC	5	0%	10-Mar-20	16-Mar-20	45																		
7050	Install Manhole 2	GC	5	0%	17-Mar-20	23-Mar-20	45																		
7080	FRP Measurement Structure	Conc Sub	10	0%	17-Mar-20	30-Mar-20	50																		
7060	Install Manhole 3	GC	5	0%	24-Mar-20	30-Mar-20	45																		
7070	Install Manhole 4	GC	5	0%	31-Mar-20	06-Apr-20	45																		



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