

Activity ID	Activity Name	Original Duration	Remaining Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Total Float	Duration % Complete	2016												2017							
												Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
Total		472	64	31-Jul-17	13-Oct-17	12-Apr-17	29-Jun-17	28-Mar-16		-89	86.44%	[Summary bar]																			
Hope Mills - Updated CPM 07-31-17 - I		472	64	31-Jul-17	13-Oct-17	12-Apr-17	29-Jun-17	28-Mar-16		-89	86.44%	[Summary bar]																			
Administrative Milestone		472	64	31-Jul-17	13-Oct-17	12-Apr-17	28-Jun-17	28-Mar-16		-89	86.44%	[Summary bar]																			
AD1000	NTP	0	0	31-Jul-17		12-Apr-17		28-Mar-16			100%	[Gantt bar]																			
AD1020	Stage 1 Start	0	0	31-Jul-17		12-Apr-17		28-Mar-16			100%	[Gantt bar]																			
AD1110	Install Stage 1 Cofferdam	0	0	31-Jul-17		12-Apr-17		15-Apr-16			100%	[Gantt bar]																			
AD1130	Install Stage 2 Cofferdam	0	0	31-Jul-17		20-Apr-17		14-Feb-17			100%	[Gantt bar]																			
AD1070	Stage 2 Start	0	0	31-Jul-17		12-Apr-17		01-Mar-17			100%	[Gantt bar]																			
AD1120	Remove Stage 1 Cofferdam	0	0		31-Jul-17		20-Apr-17		05-Mar-17		100%	[Gantt bar]																			
AD1170	Contact USACE for Site Inspection	0	0		31-Jul-17		12-Apr-17		14-Mar-17		100%	[Gantt bar]																			
AD1060	Stage 1 Complete	0	0		31-Jul-17		12-Apr-17			-107	0%	[Gantt bar]																			
AD1080	Stage 2 Complete	0	0		26-Aug-17		09-May-17			-106	0%	[Gantt bar]																			
AD1090	Stage 3 Start	0	0	26-Aug-17		10-May-17				-106	0%	[Gantt bar]																			
AD1140	Remove Stage 2 Cofferdam	0	0		26-Aug-17		25-May-17			-91	0%	[Gantt bar]																			
AD1150	Install Stage 3 Cofferdam	0	0	26-Aug-17		25-May-17				-91	0%	[Gantt bar]																			
AD1040	Regulatory Review	30	30	07-Sep-17	06-Oct-17	30-May-17	28-Jun-17			-98	0%	[Gantt bar]																			
AD1010	Substantial Completion Work	0	0		20-Sep-17		04-Jun-17			-106	0%	[Gantt bar]																			
AD1100	Stage 3 Complete	0	0		20-Sep-17		04-Jun-17			-106	0%	[Gantt bar]																			
AD1160	Remove Stage 3 Cofferdam	0	0		20-Sep-17		28-Jun-17			-82	0%	[Gantt bar]																			
AD1050	Submittals Complete	0	0		01-Oct-17		28-Jun-17			-93	0%	[Gantt bar]																			
AD1180	Impound Water	0	0	06-Oct-17		28-Jun-17				-98	0%	[Gantt bar]																			
AD1030	Project Completion	0	0		13-Oct-17		28-Jun-17			-105	0%	[Gantt bar]																			
Submittals		535	47	31-Jul-17	16-Sep-17	12-Apr-17	14-Jun-17	28-Mar-16		-93	91.21%	[Summary bar]																			
SB1080	Submit Rebar Shop Drawings	60	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	28-Mar-16	09-Jun-16		100%	[Gantt bar]																			
SB1090	Submit Sluice Gates Shop Drawings	60	0	31-Jul-17	31-Jul-17	05-May-17	05-May-17	28-Mar-16	13-May-16		100%	[Gantt bar]																			
SB1010	Submit CPM Baseline Schedule	5	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	28-Mar-16	29-Apr-16		100%	[Gantt bar]																			
SB1020	Submit SOV	5	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	28-Mar-16	29-Apr-16		100%	[Gantt bar]																			
SB1030	Submit Submittal Log	5	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	28-Mar-16	11-Apr-16		100%	[Gantt bar]																			
SB1040	Submit Preconstruction Photos	5	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	28-Mar-16	11-Apr-16		100%	[Gantt bar]																			
SB1050	Submit QC Plan	10	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	28-Mar-16	11-Apr-16		100%	[Gantt bar]																			
SB1060	Submit Surveyor Qualifications	5	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	28-Mar-16	11-Apr-16		100%	[Gantt bar]																			
SB1070	Submit Water Control Plan	5	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	28-Mar-16	11-Apr-16		100%	[Gantt bar]																			
SB1110	Submit Concrete Placement Plan	10	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	28-Mar-16	03-May-16		100%	[Gantt bar]																			
SB1120	Submit Concrete Mix Designs	10	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	28-Mar-16	07-Jun-16		100%	[Gantt bar]																			
SB1160	Submit Earthwork Plan & Samples	20	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	28-Mar-16	21-Apr-16		100%	[Gantt bar]																			
SB1170	Submit Aggregate Samples	10	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	28-Mar-16	16-May-16		100%	[Gantt bar]																			
SB1180	Submit Geosynthetics Information	5	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	28-Mar-16	15-Apr-16		100%	[Gantt bar]																			
SB1200	Submit Excavation Plan & Topo	15	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	28-Mar-16	21-Apr-16		100%	[Gantt bar]																			
SB1210	Submit Dewatering Plan	5	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	28-Mar-16	11-Apr-16		100%	[Gantt bar]																			
SB1220	Submit Fill Placement Plan	15	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	28-Mar-16	16-May-16		100%	[Gantt bar]																			
SB1240	Submit E&S Package	5	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	28-Mar-16	11-Apr-16		100%	[Gantt bar]																			
SB1250	Submit Drain System Plan & Schedule	10	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	28-Mar-16	02-Jun-16		100%	[Gantt bar]																			
SB1260	Submit Foundation Prep Plan	10	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	28-Mar-16	22-Apr-16		100%	[Gantt bar]																			
SB1140	Submit Metal Fab	25	0	31-Jul-17	31-Jul-17	05-May-17	05-May-17	05-Jul-16	23-Sep-16		100%	[Gantt bar]																			
SB1230	Submit Seepage Cutoff Wall Package	30	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	15-Jul-16	25-Aug-16		100%	[Gantt bar]																			
SB1190	Submit Instrumentation Package	30	0	31-Jul-17	31-Jul-17	05-May-17	05-May-17	12-Dec-16	15-Dec-16		100%	[Gantt bar]																			

█ Actual Work
 █ Critical Remaining Work
 ▬ Summary
█ Remaining Work
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Total Float	Duration % Complete	2016												2017							
												Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
G1080	Stage 1 Concrete Demolition	30	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	25-Apr-16	08-Jun-16		100%	Stage 1 Concrete Demolition																			
G1010	Remove Existing Fencing	2	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	02-May-16	27-May-16		100%	Remove Existing Fencing																			
G1090	Cut / Remove Stage 1 H-Pile	30	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	16-May-16	10-Jun-16		100%	Cut / Remove Stage 1 H-Pile																			
G1140	Remobilization and Site Restoration	10	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	29-Aug-16	02-Sep-16		100%	Remobilization and Site Restoration																			
G1070	Complete Excavation Stage 1 Area	5	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	05-Sep-16	10-Sep-16		100%	Complete Excavation Stage 1 Area																			
G1083	Stage 1 Wall Anchors	24	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	28-Dec-16	27-Jan-17		100%	Stage 1 Wall Anchors																			
G1110	Install Stage 1 D/S Riprap	3	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	09-Feb-17	11-Feb-17		100%	Install Stage 1 D/S Riprap																			
G1100	Grade Right Embankment Area	6	51	31-Jul-17	25-Aug-17	12-Apr-17	09-May-17	18-Feb-17		-201	0%	Grade Right Embankment Area																			
G1120	Install Stage 1 Right Embankment Fill	30	51	31-Jul-17	25-Aug-17	12-Apr-17	09-May-17	18-Mar-17		-201	0%	Install Stage 1 Right Embankment Fill																			
G1130	Install Stage 1 U/S Riprap at Right Em	5	5	23-Aug-17	25-Aug-17	18-May-17	22-May-17			-176	0%	Install Stage 1 U/S Riprap at Right Em																			
Stage 2		210	28	31-Jul-17	31-Aug-17	12-Apr-17	28-Jun-17	13-Apr-16		-53	86.69%	Stage 2 Summary																			
G2040	Stage 2 Road Closure	87	32	31-Jul-17	31-Aug-17	27-May-17	28-Jun-17	13-Apr-16		-63	63.06%	Stage 2 Road Closure																			
G2020	Remove and Stockpile Riprap - Left Er	5	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	09-May-16	17-Mar-17		100%	Remove and Stockpile Riprap - Left Er																			
G2030	Excavate Stage 2 Area	6	0	31-Jul-17	31-Jul-17	20-Apr-17	20-Apr-17	09-May-16	21-Apr-17		100%	Excavate Stage 2 Area																			
G2083	Stage 2 Wall Anchors	17	0	31-Jul-17	31-Jul-17	09-May-17	09-May-17	07-Feb-17	24-Feb-17		100%	Stage 2 Wall Anchors																			
G2000	Install Stage 2 E&SC	2	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	20-Feb-17	24-Feb-17		100%	Install Stage 2 E&SC																			
G2050	Stage 2 Concrete Demolition	21	0	31-Jul-17	31-Jul-17	20-Apr-17	20-Apr-17	01-Mar-17	13-Apr-17		100%	Stage 2 Concrete Demolition																			
G2070	Armor Stage 2 Diversion Channel w/ C	5	0	31-Jul-17	31-Jul-17	06-May-17	06-May-17	14-Mar-17	17-Mar-17		100%	Armor Stage 2 Diversion Channel w/ C																			
G2060	Cut / Remove Stage 2 H-Pile	22	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	30-Apr-17	06-Jun-17		100%	Cut / Remove Stage 2 H-Pile																			
G2010	Clear and Grade Left Embankment Arc	65	51	31-Jul-17	25-Aug-17	12-Apr-17	09-May-17	07-Jun-17		-201	21.54%	Clear and Grade Left Embankment Arc																			
G2090	Install Stage 2 Left Embankment Fill	65	51	31-Jul-17	25-Aug-17	12-Apr-17	09-May-17	07-Jun-17		-201	21.54%	Install Stage 2 Left Embankment Fill																			
G2080	Install Stage 2 D/S Riprap	5	0	31-Jul-17	31-Jul-17	09-May-17	09-May-17	09-Jun-17	30-Jun-17		100%	Install Stage 2 D/S Riprap																			
G2100	Install Stage 2 U/S Riprap at Left Emb	5	5	23-Aug-17	25-Aug-17	18-May-17	22-May-17			-176	0%	Install Stage 2 U/S Riprap at Left Emb																			
Stage 3		64	64	31-Jul-17	13-Oct-17	06-May-17	28-Jun-17	07-Jul-17		-89	0%	Stage 3 Summary																			
G3000	Complete Reservoir Clearing	45	24	31-Jul-17	26-Aug-17	06-May-17	03-Jun-17	07-Jul-17		-70	46.67%	Complete Reservoir Clearing																			
G3010	Install Stage 3 E&SC	2	2	31-Aug-17	01-Sep-17	19-May-17	20-May-17			-86	0%	Install Stage 3 E&SC																			
G3020	Armor Stage 3 Diversion Channel w/ C	3	3	02-Sep-17	06-Sep-17	25-May-17	30-May-17			-83	0%	Armor Stage 3 Diversion Channel w/ C																			
G3030	Dispose of Concrete Rubble at U/S Sp	2	2	02-Sep-17	05-Sep-17	31-May-17	01-Jun-17			-79	0%	Dispose of Concrete Rubble at U/S Sp																			
G3040	Complete Final Site Grading	6	6	02-Sep-17	09-Sep-17	22-May-17	27-May-17			-86	0%	Complete Final Site Grading																			
G3050	Complete Permanent Seeding & Mulch	2	2	11-Sep-17	12-Sep-17	03-Jun-17	05-Jun-17			-82	0%	Complete Permanent Seeding & Mulch																			
G3060	Install Fences & Gates	6	6	11-Sep-17	16-Sep-17	30-May-17	05-Jun-17			-86	0%	Install Fences & Gates																			
G3080	Punchlist	10	10	21-Sep-17	02-Oct-17	06-Jun-17	16-Jun-17			-89	0%	Punchlist																			
G3070	Demobilize	10	10	03-Oct-17	13-Oct-17	17-Jun-17	28-Jun-17			-89	0%	Demobilize																			
Control of Water		372	22	31-Jul-17	20-Sep-17	12-Apr-17	03-Jun-17	30-Mar-16		-90	94.19%	Control of Water Summary																			
Stage 1		210	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	30-Mar-16	05-Mar-17		100%	Stage 1 Summary																			
W1000	Dewater Right Embankment Area	4	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	30-Mar-16	30-Mar-16		100%	Dewater Right Embankment Area																			
W1010	Install Stage 1 Cofferdam	2	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	14-Apr-16	15-Apr-16		100%	Install Stage 1 Cofferdam																			
W1020	Remove Stage 1 Cofferdam	1	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	05-Mar-17	05-Mar-17		100%	Remove Stage 1 Cofferdam																			
Stage 2		164	1	31-Jul-17	25-Aug-17	12-Apr-17	09-May-17	14-Feb-17		-90	99.62%	Stage 2 Summary																			
W2000	Install Stage 2 Cofferdam	3	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	14-Feb-17	17-Mar-17		100%	Install Stage 2 Cofferdam																			
W2010	Dewater Left Embankment Area	8	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	20-Mar-17	31-Jul-17		100%	Dewater Left Embankment Area																			
W2020	Remove Stage 2 Cofferdam	1	1	25-Aug-17	25-Aug-17	09-May-17	09-May-17			-201	0%	Remove Stage 2 Cofferdam																			
Stage 3		21	21	26-Aug-17	20-Sep-17	10-May-17	03-Jun-17			-90	0%	Stage 3 Summary																			
W3000	Install Stage 3 Cofferdam	4	4	26-Aug-17	30-Aug-17	10-May-17	13-May-17			-90	0%	Install Stage 3 Cofferdam																			
W3010	Remove Stage 3 Cofferdam	2	2	19-Sep-17	20-Sep-17	02-Jun-17	03-Jun-17			-90	0%	Remove Stage 3 Cofferdam																			
Spillway Concrete		303	39	31-Jul-17	14-Sep-17	12-Apr-17	29-Jun-17	26-Sep-16		-64	87.13%	Spillway Concrete Summary																			
Stage 1		145	0	31-Jul-17	31-Jul-17	12-Apr-17	29-Jun-17	26-Sep-16	07-Apr-17		100%	Stage 1 Summary																			
C1000	Begin Stage 1 Slurry Cut-off Wall (STA	15	0	31-Jul-17	31-Jul-17	12-Apr-17	12-Apr-17	26-Sep-16	28-Sep-16		100%	Begin Stage 1 Slurry Cut-off Wall (STA 4+24.58 - STA 7+18.84)																			

■ Actual Work
 ■ Critical Remaining Work
 ▼ Summary
■ Remaining Work
 ◆ Milestone

