

Activity ID	Activity Name	Original Duration	Remaining Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Total Float	Physical % Complete	Duration % Complete	2016												2017			
													Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
Total		433	100	30-Apr-17	29-Aug-17	20-Feb-17	22-Jun-17	28-Mar-16		-56		76.88%	[Gantt bars for 2016-2017]															
Hope Mills - Updated CPM 04-30-17 - I		433	100	30-Apr-17	29-Aug-17	20-Feb-17	22-Jun-17	28-Mar-16		-56		76.88%	[Gantt bars for 2016-2017]															
Administrative Milestone		433	100	30-Apr-17	29-Aug-17	20-Feb-17	21-Jun-17	28-Mar-16		-56		76.88%	[Gantt bars for 2016-2017]															
AD1000	NTP	0	0	30-Apr-17		20-Feb-17		28-Mar-16			100%	100%	[Gantt bar for NTP]															
AD1020	Stage 1 Start	0	0	30-Apr-17		20-Feb-17		28-Mar-16			100%	100%	[Gantt bar for Stage 1 Start]															
AD1110	Install Stage 1 Cofferdam	0	0	30-Apr-17		20-Feb-17		15-Apr-16			100%	100%	[Gantt bar for Install Stage 1 Cofferdam]															
AD1130	Install Stage 2 Cofferdam	0	0	30-Apr-17		25-Feb-17		14-Feb-17			100%	100%	[Gantt bar for Install Stage 2 Cofferdam]															
AD1070	Stage 2 Start	0	0	30-Apr-17		25-Feb-17		01-Mar-17			100%	100%	[Gantt bar for Stage 2 Start]															
AD1120	Remove Stage 1 Cofferdam	0	0		30-Apr-17		25-Feb-17		05-Mar-17		100%	100%	[Gantt bar for Remove Stage 1 Cofferdam]															
AD1170	Contact USACE for Site Inspection	0	0		30-Apr-17		25-Feb-17		14-Mar-17		100%	100%	[Gantt bar for Contact USACE for Site Inspection]															
AD1060	Stage 1 Complete	0	0		30-Apr-17		25-Feb-17			-64	0%	0%	[Gantt bar for Stage 1 Complete]															
AD1080	Stage 2 Complete	0	0		10-Jul-17		04-May-17			-65	0%	0%	[Gantt bar for Stage 2 Complete]															
AD1090	Stage 3 Start	0	0	10-Jul-17		05-May-17				-65	0%	0%	[Gantt bar for Stage 3 Start]															
AD1140	Remove Stage 2 Cofferdam	0	0		10-Jul-17		18-May-17			-51	0%	0%	[Gantt bar for Remove Stage 2 Cofferdam]															
AD1150	Install Stage 3 Cofferdam	0	0	10-Jul-17		18-May-17				-51	0%	0%	[Gantt bar for Install Stage 3 Cofferdam]															
AD1040	Regulatory Review	30	30	20-Jul-17	18-Aug-17	22-May-17	21-Jun-17			-57	0%	0%	[Gantt bar for Regulatory Review]															
AD1010	Substantial Completion Work	0	0		05-Aug-17		28-May-17			-66	0%	0%	[Gantt bar for Substantial Completion Work]															
AD1100	Stage 3 Complete	0	0		05-Aug-17		28-May-17			-66	0%	0%	[Gantt bar for Stage 3 Complete]															
AD1160	Remove Stage 3 Cofferdam	0	0		05-Aug-17		21-Jun-17			-43	0%	0%	[Gantt bar for Remove Stage 3 Cofferdam]															
AD1050	Submittals Complete	0	0		18-Aug-17		21-Jun-17			-57	0%	0%	[Gantt bar for Submittals Complete]															
AD1180	Impound Water	0	0	19-Aug-17		21-Jun-17				-57	0%	0%	[Gantt bar for Impound Water]															
AD1030	Project Completion	0	0		29-Aug-17		21-Jun-17			-67	0%	0%	[Gantt bar for Project Completion]															
Submittals		487	89	30-Apr-17	29-Jul-17	20-Feb-17	07-Jun-17	28-Mar-16		-52		81.72%	[Gantt bars for 2016-2017]															
SB1080	Submit Rebar Shop Drawings	60	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	28-Mar-16	09-Jun-16		100%	100%	[Gantt bar for Submit Rebar Shop Drawings]															
SB1090	Submit Sluice Gates Shop Drawings	60	0	30-Apr-17	30-Apr-17	01-May-17	01-May-17	28-Mar-16	13-May-16		100%	100%	[Gantt bar for Submit Sluice Gates Shop Drawings]															
SB1010	Submit CPM Baseline Schedule	5	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	28-Mar-16	29-Apr-16		100%	100%	[Gantt bar for Submit CPM Baseline Schedule]															
SB1020	Submit SOV	5	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	28-Mar-16	29-Apr-16		100%	100%	[Gantt bar for Submit SOV]															
SB1030	Submit Submittal Log	5	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	28-Mar-16	11-Apr-16		100%	100%	[Gantt bar for Submit Submittal Log]															
SB1040	Submit Preconstruction Photos	5	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	28-Mar-16	11-Apr-16		100%	100%	[Gantt bar for Submit Preconstruction Photos]															
SB1050	Submit QC Plan	10	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	28-Mar-16	11-Apr-16		100%	100%	[Gantt bar for Submit QC Plan]															
SB1060	Submit Surveyor Qualifications	5	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	28-Mar-16	11-Apr-16		100%	100%	[Gantt bar for Submit Surveyor Qualifications]															
SB1070	Submit Water Control Plan	5	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	28-Mar-16	11-Apr-16		100%	100%	[Gantt bar for Submit Water Control Plan]															
SB1110	Submit Concrete Placement Plan	10	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	28-Mar-16	03-May-16		100%	100%	[Gantt bar for Submit Concrete Placement Plan]															
SB1120	Submit Concrete Mix Designs	10	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	28-Mar-16	07-Jun-16		100%	100%	[Gantt bar for Submit Concrete Mix Designs]															
SB1160	Submit Earthwork Plan & Samples	20	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	28-Mar-16	21-Apr-16		100%	100%	[Gantt bar for Submit Earthwork Plan & Samples]															
SB1170	Submit Aggregate Samples	10	0	30-Apr-17	30-Apr-17	25-Feb-17	25-Feb-17	28-Mar-16	16-May-16		100%	100%	[Gantt bar for Submit Aggregate Samples]															
SB1180	Submit Geosynthetics Information	5	0	30-Apr-17	30-Apr-17	25-Feb-17	25-Feb-17	28-Mar-16	15-Apr-16		100%	100%	[Gantt bar for Submit Geosynthetics Information]															
SB1200	Submit Excavation Plan & Topo	15	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	28-Mar-16	21-Apr-16		100%	100%	[Gantt bar for Submit Excavation Plan & Topo]															
SB1210	Submit Dewatering Plan	5	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	28-Mar-16	11-Apr-16		100%	100%	[Gantt bar for Submit Dewatering Plan]															
SB1220	Submit Fill Placement Plan	15	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	28-Mar-16	16-May-16		100%	100%	[Gantt bar for Submit Fill Placement Plan]															
SB1240	Submit E&S Package	5	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	28-Mar-16	11-Apr-16		100%	100%	[Gantt bar for Submit E&S Package]															
SB1250	Submit Drain System Plan & Schedule	10	0	30-Apr-17	30-Apr-17	25-Feb-17	25-Feb-17	28-Mar-16	02-Jun-16		100%	100%	[Gantt bar for Submit Drain System Plan & Schedule]															
SB1260	Submit Foundation Prep Plan	10	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	28-Mar-16	22-Apr-16		100%	100%	[Gantt bar for Submit Foundation Prep Plan]															
SB1140	Submit Metal Fab	25	0	30-Apr-17	30-Apr-17	01-May-17	01-May-17	05-Jul-16	23-Sep-16		100%	100%	[Gantt bar for Submit Metal Fab]															
SB1230	Submit Seepage Cutoff Wall Package	30	0	30-Apr-17	30-Apr-17	25-Feb-17	25-Feb-17	15-Jul-16	25-Aug-16		100%	100%	[Gantt bar for Submit Seepage Cutoff Wall Package]															
SB1190	Submit Instrumentation Package	30	0	30-Apr-17	30-Apr-17	01-May-17	01-May-17	12-Dec-16	15-Dec-16		100%	100%	[Gantt bar for Submit Instrumentation Package]															

█ 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	Physical % Complete	Duration % Complete	2016												2017				
													pr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
G1080	Stage 1 Concrete Demolition	30	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	25-Apr-16	08-Jun-16		100%	100%	Stage 1 Concrete Demolition																
G1010	Remove Existing Fencing	2	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	02-May-16	27-May-16		100%	100%	Remove Existing Fencing																
G1090	Cut / Remove Stage 1 H-Pile	30	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	16-May-16	10-Jun-16		100%	100%	Cut / Remove Stage 1 H-Pile																
G1140	Remobilization and Site Restoration	10	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	29-Aug-16	02-Sep-16		100%	100%	Remobilization and Site Restoration																
G1070	Complete Excavation Stage 1 Area	5	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	05-Sep-16	10-Sep-16		100%	100%	Complete Excavation Stage 1 Area																
G1083	Stage 1 Wall Anchors	24	0	30-Apr-17	30-Apr-17	25-Feb-17	25-Feb-17	28-Dec-16	27-Jan-17		100%	100%	Stage 1 Wall Anchors																
G1110	Install Stage 1 D/S Riprap	3	0	30-Apr-17	30-Apr-17	25-Feb-17	25-Feb-17	09-Feb-17	11-Feb-17		100%	100%	Install Stage 1 D/S Riprap																
G1100	Grade Right Embankment Area	6	61	01-May-17	01-Jun-17	20-Feb-17	31-Mar-17	18-Feb-17		-118	25%	0%	Grade Right Embankment Area																
G1120	Install Stage 1 Right Embankment Fill	30	61	01-May-17	01-Jun-17	20-Feb-17	31-Mar-17	18-Mar-17		-118	25%	0%	Install Stage 1 Right Embankment Fill																
G1130	Install Stage 1 U/S Riprap at Right Embankment	5	5	01-Jun-17	05-Jun-17	31-Mar-17	04-Apr-17			-118	0%	0%	Install Stage 1 U/S Riprap at Right Embankment																
Stage 2		180	67	30-Apr-17	20-Jul-17	25-Feb-17	21-Jun-17	13-Apr-16		-23		62.78%	20-Jul-17, 2017																
G2040	Stage 2 Road Closure	87	74	30-Apr-17	14-Jul-17	08-Apr-17	21-Jun-17	13-Apr-16		-22	10%	14.57%	Stage 2 Road Closure																
G2030	Excavate Stage 2 Area	6	0	30-Apr-17	30-Apr-17	13-Mar-17	13-Mar-17	09-May-16	21-Apr-17		100%	100%	Excavate Stage 2 Area																
G2020	Remove and Stockpile Riprap - Left Embankment	5	0	01-May-17	01-May-17	24-Apr-17	24-Apr-17	09-May-16	17-Mar-17		100%	100%	Remove and Stockpile Riprap - Left Embankment																
G2083	Stage 2 Wall Anchors	17	0	30-Apr-17	30-Apr-17	04-May-17	04-May-17	07-Feb-17	24-Feb-17		100%	100%	Stage 2 Wall Anchors																
G2000	Install Stage 2 E&SC	2	0	30-Apr-17	30-Apr-17	04-Apr-17	04-Apr-17	20-Feb-17	24-Feb-17		100%	100%	Install Stage 2 E&SC																
G2050	Stage 2 Concrete Demolition	21	0	30-Apr-17	30-Apr-17	25-Feb-17	25-Feb-17	01-Mar-17	13-Apr-17		100%	100%	Stage 2 Concrete Demolition																
G2070	Armor Stage 2 Diversion Channel w/ Concrete	5	0	30-Apr-17	30-Apr-17	06-Apr-17	06-Apr-17	14-Mar-17	17-Mar-17		100%	100%	Armor Stage 2 Diversion Channel w/ Concrete																
G2060	Cut / Remove Stage 2 H-Pile	22	22	01-May-17	11-May-17	24-Apr-17	04-May-17	30-Apr-17		-15	0%	0%	Cut / Remove Stage 2 H-Pile																
G2080	Install Stage 2 D/S Riprap	5	5	01-May-17	03-May-17	02-May-17	04-May-17			3	0%	0%	Install Stage 2 D/S Riprap																
G2010	Clear and Grade Left Embankment Area	75	75	06-Jun-17	18-Jul-17	04-Apr-17	11-May-17			-118	0%	0%	Clear and Grade Left Embankment Area																
G2090	Install Stage 2 Left Embankment Fill	75	75	06-Jun-17	18-Jul-17	04-Apr-17	11-May-17			-118	0%	0%	Install Stage 2 Left Embankment Fill																
G2100	Install Stage 2 U/S Riprap at Left Embankment	5	5	19-Jul-17	20-Jul-17	11-May-17	15-May-17			-118	0%	0%	Install Stage 2 U/S Riprap at Left Embankment																
Stage 3		100	100	01-May-17	29-Aug-17	06-Apr-17	21-Jun-17			-56		0%	21-Jun-17, 2017																
G3000	Complete Reservoir Clearing	45	45	01-May-17	22-Jun-17	06-Apr-17	27-May-17			-21	0%	0%	Complete Reservoir Clearing																
G3010	Install Stage 3 E&SC	2	2	14-Jul-17	17-Jul-17	12-May-17	13-May-17			-52	0%	0%	Install Stage 3 E&SC																
G3020	Armor Stage 3 Diversion Channel w/ Concrete	3	3	17-Jul-17	20-Jul-17	18-May-17	22-May-17			-48	0%	0%	Armor Stage 3 Diversion Channel w/ Concrete																
G3030	Dispose of Concrete Rubble at U/S Spillway	2	2	17-Jul-17	19-Jul-17	24-May-17	25-May-17			-44	0%	0%	Dispose of Concrete Rubble at U/S Spillway																
G3040	Complete Final Site Grading	6	6	21-Jul-17	27-Jul-17	15-May-17	20-May-17			-55	0%	0%	Complete Final Site Grading																
G3050	Complete Permanent Seeding & Mulch	2	2	28-Jul-17	29-Jul-17	26-May-17	27-May-17			-51	0%	0%	Complete Permanent Seeding & Mulch																
G3060	Install Fences & Gates	6	6	28-Jul-17	03-Aug-17	22-May-17	27-May-17			-55	0%	0%	Install Fences & Gates																
G3080	Punchlist	10	10	05-Aug-17	17-Aug-17	30-May-17	09-Jun-17			-56	0%	0%	Punchlist																
G3070	Demobilize	10	10	17-Aug-17	29-Aug-17	10-Jun-17	21-Jun-17			-56	0%	0%	Demobilize																
Control of Water		333	80	30-Apr-17	05-Aug-17	20-Feb-17	27-May-17	30-Mar-16		-56		75.95%	05-Aug-17, 2017																
Stage 1		210	0	30-Apr-17	30-Apr-17	20-Feb-17	25-Feb-17	30-Mar-16	05-Mar-17			100%	05-Mar-17 A, Stage 1																
W1000	Dewater Right Embankment Area	4	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	30-Mar-16	30-Mar-16		100%	100%	Dewater Right Embankment Area																
W1010	Install Stage 1 Cofferdam	2	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	14-Apr-16	15-Apr-16		100%	100%	Install Stage 1 Cofferdam																
W1020	Remove Stage 1 Cofferdam	1	0	30-Apr-17	30-Apr-17	25-Feb-17	25-Feb-17	05-Mar-17	05-Mar-17		100%	100%	Remove Stage 1 Cofferdam																
Stage 2		124	58	30-Apr-17	10-Jul-17	25-Feb-17	04-May-17	14-Feb-17		-54		53.44%	10-Jul-17, Stage 2																
W2000	Install Stage 2 Cofferdam	3	0	30-Apr-17	30-Apr-17	25-Feb-17	25-Feb-17	14-Feb-17	17-Mar-17		100%	100%	Install Stage 2 Cofferdam																
W2010	Dewater Left Embankment Area	8	8	01-May-17	09-May-17	25-Feb-17	07-Mar-17	20-Mar-17		-55	0%	0%	Dewater Left Embankment Area																
W2020	Remove Stage 2 Cofferdam	1	1	10-Jul-17	10-Jul-17	04-May-17	04-May-17			-114	0%	0%	Remove Stage 2 Cofferdam																
Stage 3		23	23	10-Jul-17	05-Aug-17	05-May-17	27-May-17			-56		0%	05-Aug-17, Stage 3																
W3000	Install Stage 3 Cofferdam	4	4	10-Jul-17	14-Jul-17	05-May-17	09-May-17			-54	0%	0%	Install Stage 3 Cofferdam																
W3010	Remove Stage 3 Cofferdam	2	2	03-Aug-17	05-Aug-17	26-May-17	27-May-17			-56	0%	0%	Remove Stage 3 Cofferdam																
Spillway Concrete		262	73	30-Apr-17	28-Jul-17	20-Feb-17	22-Jun-17	26-Sep-16		-29		72.14%	28-Jul-17, 2017																
Stage 1		145	0	30-Apr-17	30-Apr-17	20-Feb-17	22-Jun-17	26-Sep-16	07-Apr-17			100%	07-Apr-17 A, Stage 1																
C1000	Begin Stage 1 Slurry Cut-off Wall (STA 4+24.58 - STA 7+18.84)	15	0	30-Apr-17	30-Apr-17	20-Feb-17	20-Feb-17	26-Sep-16	28-Sep-16		100%	100%	Begin Stage 1 Slurry Cut-off Wall (STA 4+24.58 - STA 7+18.84)																

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