Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start	Early Finish
In-Delta Storage Program						
URS - Levee Upgrade						
Engineering & Final Design						
URS-1.0	Eng. & Final Design	390	390	0	01JAN04*	29JUN05
URS-2.0	Bid & Award Process	125	125	0	30JUN05*	21DEC05
URS-3.0	Mobilization	130	130	0	02JAN06*	30JUN06
Webb Tract						
URS-4.0	Webb Tract	1,208	1,208	0	03APR06*	17NOV10
URS-4.1	Clear & Grub	130	130	0	03JUL06*	29DEC06
URS-4.2	Rockfill	685	685	0	01APR08*	15NOV10
URS-4.21	Rockfill 1	163	163	0	01APR08*	13NOV08
URS-4.22	Rockfill 2	163	163	0	01APR09*	13NOV09
URS-4.23	Rockfill 3	163	163	0	01APR10*	15NOV10
URS-4.3	Embankment Fill	1,206	1,206	0	03APR06*	15NOV10
URS-4.31	Embankment Fill 1	163	163	0	03APR06*	15NOV06
URS-4.32	Embankment Fill 2	163	163	0	02APR07*	14NOV07
URS-4.33	Embankment Fill 3	163	163	0	01APR08*	13NOV08
URS-4.34	Embankment Fill 4	163	163	0	01APR09*	13NOV09
URS-4.35	Embankment Fill 5	163	163	0	01APR10*	15NOV10
URS-4.4	Riprap & Bedding - Slough Side	100	100	0	01JUL10*	17NOV10
URS-4.5	Riprap & Bedding Res. Side	100	100	0	01JUL10*	17NOV10
URS-4.6	Road Base	34	34	0	01OCT10*	17NOV10
URS-4.7	Filter Fabric (between Lev & New Emb)	423	423	0	03APR06*	14NOV07
URS-4.71	Filter Fabric (between Lev & New Emb) 1	163	163	0	03APR06*	15NOV06
URS-4.72	Filter Fabric (between Lev & New Emb) 2	163	163	0	02APR07*	14NOV07
URS-4.8	Filter Fabric - Res. Side (10:1)	622	622	0	01JUL08*	17NOV10
URS-4.81	Filter Fabric - Res. Side (10:1) 1	100	100	0	01JUL08*	17NOV08
URS-4.82	Filter Fabric - Res. Side (10:1) 2	100	100	0	01JUL09*	17NOV09
URS-4.83	Filter Fabric - Res. Side (10:1) 3	100	100	0	01JUL10*	17NOV10
URS-4.9	Riprap 0 10:1 Res. Slope	622	622	0	01JUL08*	17NOV10
URS-4.91	Riprap 0 10:1 Res. Slope 1	100	100	0	01JUL08*	17NOV08
URS-4.92	Riprap 0 10:1 Res. Slope 2	100	100	0	01JUL09*	17NOV09
URS-4.93	Riprap 0 10:1 Res. Slope 3	100	100	0	01JUL10*	17NOV10
Bacon Island						
URS-5.0	Bacon Island	1,208	1,208	0	03APR06	17NOV10
URS-5.10	Clear & Grub	130	130	0	03JUL06*	29DEC06
URS-5.20	Rockfill	685	685	0	01APR08*	15NOV10
URS-5.2421	Rockfill 1	163	163	0	01APR09*	13NOV09
URS-5.2422	Rockfill 2	163	163	0	01APR10*	15NOV10
URS-5.2521	Rockfill 1	163	163	0	01APR08*	13NOV08
URS-5.2522	Rockfill 2	163	163	0	01APR09*	13NOV09
URS-5.2523	Rockfill 3	163	163	0	01APR10*	15NOV10
URS-5.30	Embankment Fill	1,206	1,206	0	03APR06*	15NOV10
URS-5.3431	Embankment Fill 1	163	163	0	03APR06*	15NOV06
URS-5.3432	Embankment Fill 2	163	163	0	02APR07*	14NOV07
URS-5.3433	Embankment Fill 3	163	163	0	01APR08*	13NOV08
URS-5.3434	Embankment Fill 4	163	163	0	01APR09*	13NOV09
URS-5.3435	Embankment Fill 5	163	163	0	01APR10*	15NOV10
URS-5.4	Riprap & Bedding - Slough Side	100	100	0	01JUL10*	17NOV10
URS-5.5	Riprap & Bedding - Res. Side (Above el.+3)	100	100	0	01JUL10*	17NOV10
URS-5.6	Road Base	34	34	0	01OCT10*	17NOV10
URS-5.7	Filter Fabric (between levee and new emb.)	423	423	0	03APR06*	14NOV07

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Early Bar
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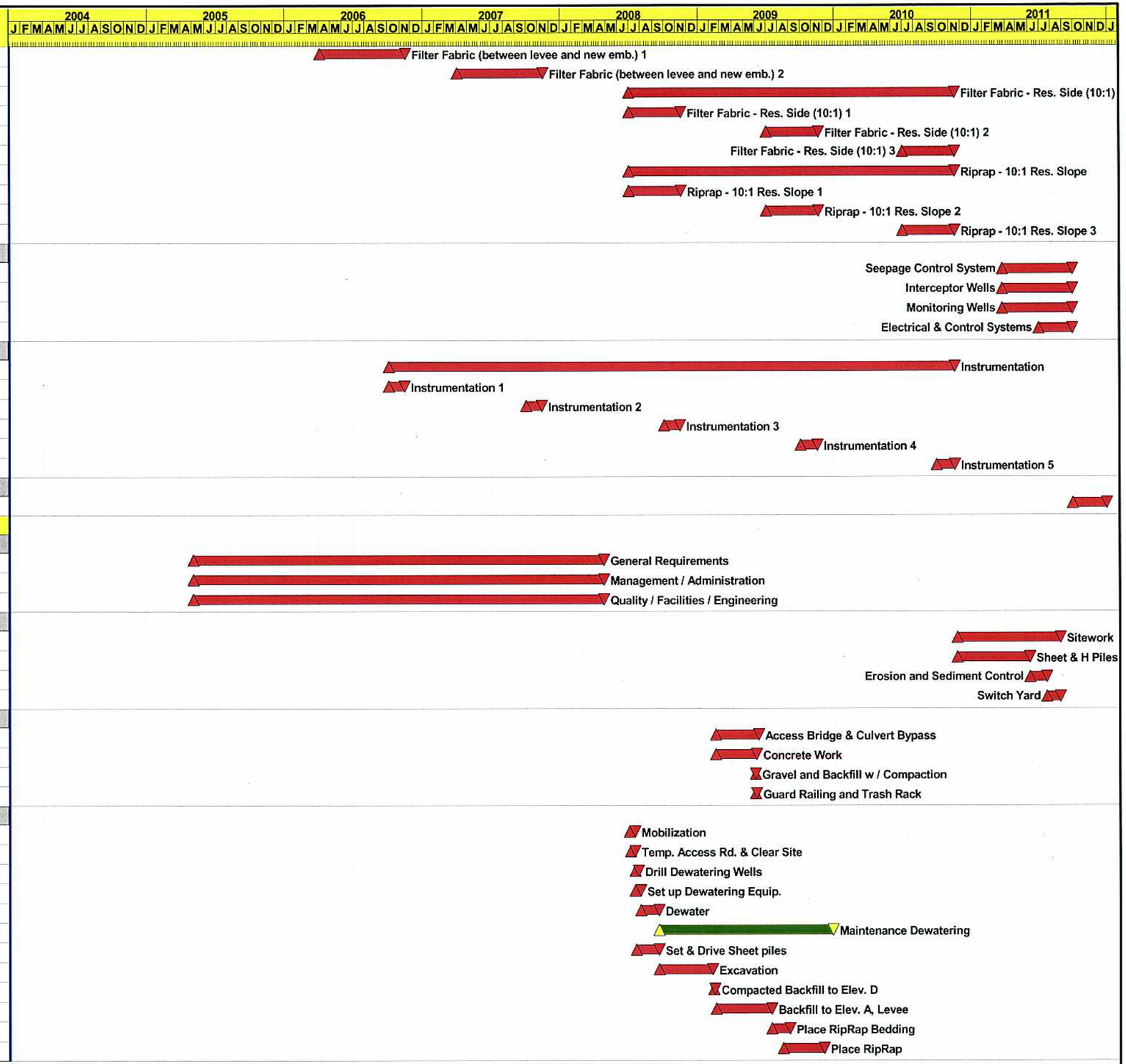
Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start	Early Finish
URS-5.71	Filter Fabric (between levee and new emb.) 1	163	163	0	03APR06*	15NOV06
URS-5.72	Filter Fabric (between levee and new emb.) 2	163	163	0	02APR07*	14NOV07
URS-5.8	Filter Fabric - Res. Side (10:1)	622	622	0	01JUL08*	17NOV10
URS-5.8481	Filter Fabric - Res. Side (10:1) 1	100	100	0	01JUL08*	17NOV08
URS-5.8482	Filter Fabric - Res. Side (10:1) 2	100	100	0	01JUL09*	17NOV09
URS-5.8483	Filter Fabric - Res. Side (10:1) 3	100	100	0	01JUL10*	17NOV10
URS-5.9	Riprap - 10:1 Res. Slope	622	622	0	01JUL08*	17NOV10
URS-5.9491	Riprap - 10:1 Res. Slope 1	100	100	0	01JUL08*	17NOV08
URS-5.9492	Riprap - 10:1 Res. Slope 2	100	100	0	01JUL09*	17NOV09
URS-5.9493	Riprap - 10:1 Res. Slope 3	100	100	0	01JUL10*	17NOV10
Seepage Control System						
URS-6.0	Seepage Control System	135	135	0	24MAR11	28SEP11
URS-6.10	Interceptor Wells	135	135	0	24MAR11*	28SEP11
URS-6.20	Monitoring Wells	135	135	0	24MAR11*	28SEP11
URS-6.30	Electrical & Control Systems	65	65	0	30JUN11*	28SEP11
Instrumentation						
URS-7.0	Instrumentation	1,076	1,076	0	02OCT06	15NOV10
URS-7.01	Instrumentation 1	32	32	0	02OCT06*	14NOV06
URS-7.02	Instrumentation 2	32	32	0	01OCT07*	13NOV07
URS-7.03	Instrumentation 3	32	32	0	01OCT08*	13NOV08
URS-7.04	Instrumentation 4	32	32	0	01OCT09*	13NOV09
URS-7.05	Instrumentation 5	32	32	0	01OCT10*	15NOV10
Demobilization						
URS-8.00		65	65	0	29SEP11*	28DEC11
Facilities/Emb. Webb Tract at San Joaquin River						
General Requirements						
WTSJ-10000	General Requirements	780*	780*	0	02MAY05	25APR08
WTSJ-10010	Management / Administration	780	780	0	02MAY05	25APR08
WTSJ-10020	Quality / Facilities / Engineering	780	780	0	02MAY05	25APR08
Site Work						
WTSJ-20000	Sitework	198*	198*	0	24NOV10	26AUG11
WTSJ-20010	Sheet & H Piles	138	138	0	24NOV10	03JUN11
WTSJ-20020	Erosion and Sediment Control	32	32	0	06JUN11	19JUL11
WTSJ-20035	Switch Yard	28	28	0	20JUL11	26AUG11
Access Bridge & Culvert Bypass						
WTSJ-30000	Access Bridge & Culvert Bypass	83*	83*	0	16FEB09	10JUN09
WTSJ-30010	Concrete Work	78	78	0	16FEB09	03JUN09
WTSJ-30020	Gravel and Backfill w / Compaction	2	2	0	01JUN09	02JUN09
WTSJ-30030	Guard Railing and Trash Rack	3	3	0	03JUN09	05JUN09
Webb Tract San Joaquin Embankment						
WTSJ-30205	Mobilization	10	10	0	01JUL08	14JUL08
WTSJ-30210	Temp. Access Rd. & Clear Site	10	10	0	03JUL08	16JUL08
WTSJ-30220	Drill Dewatering Wells	5	5	0	17JUL08	23JUL08
WTSJ-30230	Set up Dewatering Equip.	10	10	0	17JUL08	30JUL08
WTSJ-30240	Dewater	33	33	0	31JUL08	15SEP08
WTSJ-30242	Maintenance Dewatering	333	333	0	16SEP08	24DEC09
WTSJ-30250	Set & Drive Sheet piles	42	42	0	18JUL08	15SEP08
WTSJ-30260	Excavation	104	104	0	16SEP08	06FEB09
WTSJ-30270	Compacted Backfill to Elev. D	5	5	0	09FEB09	13FEB09
WTSJ-30280	Backfill to Elev. A, Levee	106	106	0	16FEB09	13JUL09
WTSJ-30290	Place RipRap Bedding	36	36	0	14JUL09	01SEP09
WTSJ-30300	Place RipRap	79	79	0	12AUG09	30NOV09



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Early Bar
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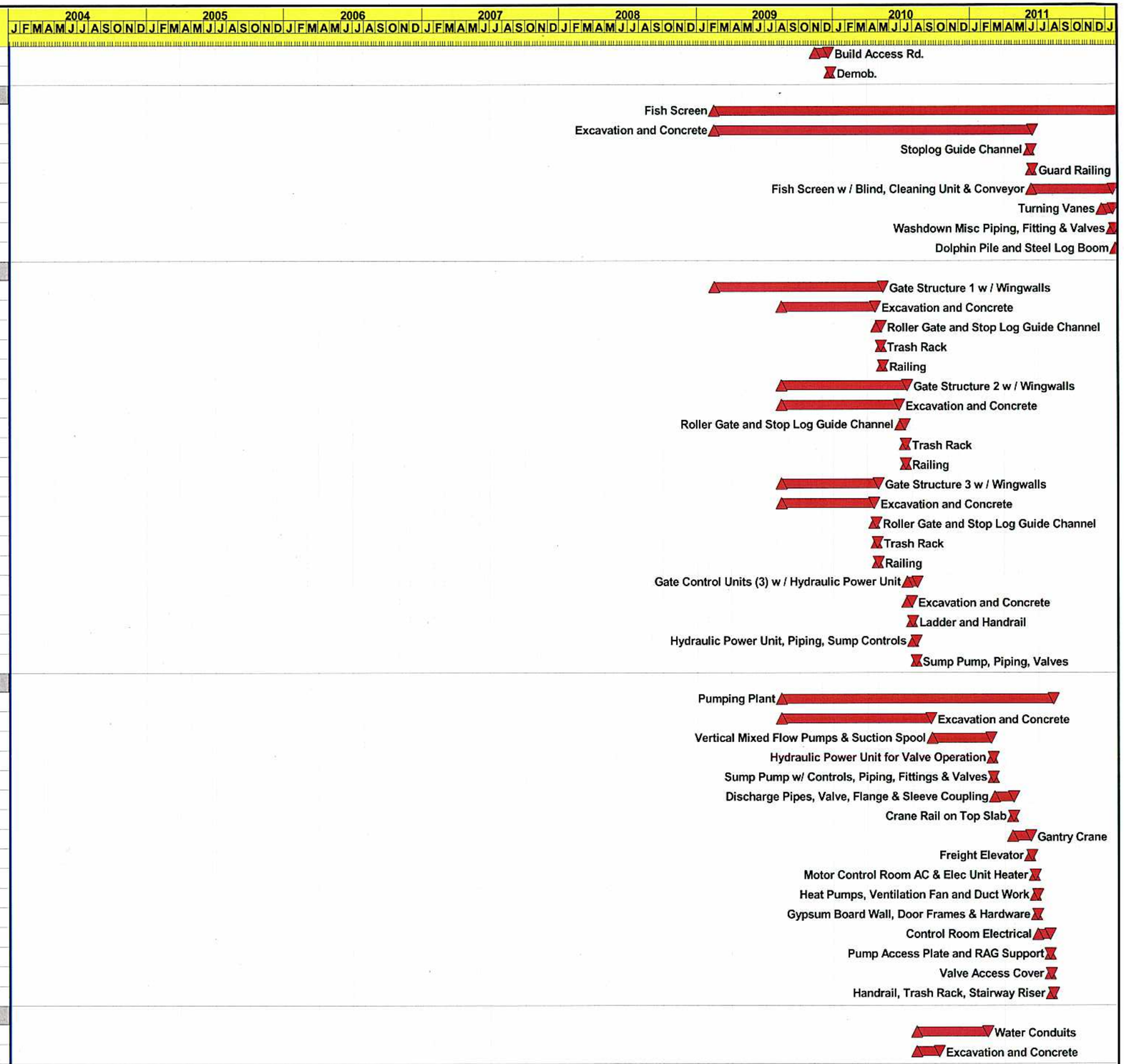
WTSJ-30310	Build Access Rd.	28	28	0	11NOV09	18DEC09
WTSJ-30320	Demob.	5	5	0	21DEC09	25DEC09
Fish Screen						
WTSJ-40000	Fish Screen	780*	780*	0	16FEB09	10FEB12
WTSJ-40010	Excavation and Concrete	610	610	0	16FEB09	17JUN11
WTSJ-40020	Stoplog Guide Channel	4	4	0	09JUN11	14JUN11
WTSJ-40030	Guard Railing	1	1	0	15JUN11	15JUN11
WTSJ-40040	Fish Screen w / Blind, Cleaning Unit & Conveyor	154	154	0	15JUN11	16JAN12
WTSJ-40050	Turning Vanes	22	22	0	19DEC11	17JAN12
WTSJ-40060	Washdown Misc Piping, Fitting & Valves	4	4	0	16JAN12	19JAN12
WTSJ-40070	Dolphin Pile and Steel Log Boom	12	12	0	23JAN12	07FEB12
Gate Structures						
WTSJ-51000	Gate Structure 1 w / Wingwalls	324*	324*	0	16FEB09	13MAY10
WTSJ-51010	Excavation and Concrete	180	180	0	14AUG09	22APR10
WTSJ-51020	Roller Gate and Stop Log Guide Channel	8	8	0	26APR10	05MAY10
WTSJ-51030	Trash Rack	2	2	0	06MAY10	07MAY10
WTSJ-51040	Railing	2	2	0	10MAY10	11MAY10
WTSJ-52000	Gate Structure 2 w / Wingwalls	239*	239*	0	14AUG09	14JUL10
WTSJ-52010	Excavation and Concrete	226	226	0	14AUG09	25JUN10
WTSJ-52020	Roller Gate and Stop Log Guide Channel	9	9	0	28JUN10	08JUL10
WTSJ-52030	Trash Rack	2	2	0	09JUL10	12JUL10
WTSJ-52040	Railing	2	2	0	12JUL10	13JUL10
WTSJ-53000	Gate Structure 3 w / Wingwalls	185*	185*	0	14AUG09	29APR10
WTSJ-53010	Excavation and Concrete	177	177	0	14AUG09	19APR10
WTSJ-53020	Roller Gate and Stop Log Guide Channel	5	5	0	19APR10	23APR10
WTSJ-53030	Trash Rack	1	1	0	26APR10	26APR10
WTSJ-53040	Railing	2	2	0	29APR10	30APR10
WTSJ-54000	Gate Control Units (3) w / Hydraulic Power Unit	19*	19*	0	15JUL10	10AUG10
WTSJ-54010	Excavation and Concrete	10	10	0	15JUL10	28JUL10
WTSJ-54020	Ladder and Handrail	1	1	0	29JUL10	29JUL10
WTSJ-54030	Hydraulic Power Unit, Piping, Sump Controls	7	7	0	30JUL10	09AUG10
WTSJ-54040	Sump Pump, Piping, Valves	1	1	0	09AUG10	09AUG10
Pumping Plant						
WTSJ-60000	Pumping Plant	518*	518*	0	14AUG09	09AUG11
WTSJ-60010	Excavation and Concrete	285	285	0	14AUG09	16SEP10
WTSJ-60020	Vertical Mixed Flow Pumps & Suction Spool	115	115	0	20SEP10	25FEB11
WTSJ-60030	Hydraulic Power Unit for Valve Operation	2	2	0	28FEB11	01MAR11
WTSJ-60040	Sump Pump w/ Controls, Piping, Fittings & Valves	1	1	0	02MAR11	02MAR11
WTSJ-60050	Discharge Pipes, Valve, Flange & Sleeve Coupling	38	38	0	07MAR11	27APR11
WTSJ-60060	Crane Rail on Top Slab	1	1	0	25APR11	25APR11
WTSJ-60070	Gantry Crane	34	34	0	25APR11	09JUN11
WTSJ-60080	Freight Elevator	4	4	0	09JUN11	14JUN11
WTSJ-60090	Motor Control Room AC & Elec Unit Heater	2	2	0	20JUN11	21JUN11
WTSJ-60100	Heat Pumps, Ventilation Fan and Duct Work	4	4	0	22JUN11	27JUN11
WTSJ-60110	Gypsum Board Wall, Door Frames & Hardware	3	3	0	27JUN11	29JUN11
WTSJ-60120	Control Room Electrical	23	23	0	30JUN11	01AUG11
WTSJ-60130	Pump Access Plate and RAG Support	2	2	0	01AUG11	02AUG11
WTSJ-60140	Valve Access Cover	3	3	0	01AUG11	03AUG11
WTSJ-60150	Handrail, Trash Rack, Stairway Riser	4	4	0	04AUG11	09AUG11
Water Conduits						
WTSJ-70000	Water Conduits	136*	136*	0	09AUG10	14FEB11
WTSJ-70010	Excavation and Concrete	45	45	0	09AUG10	08OCT10



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Early Bar
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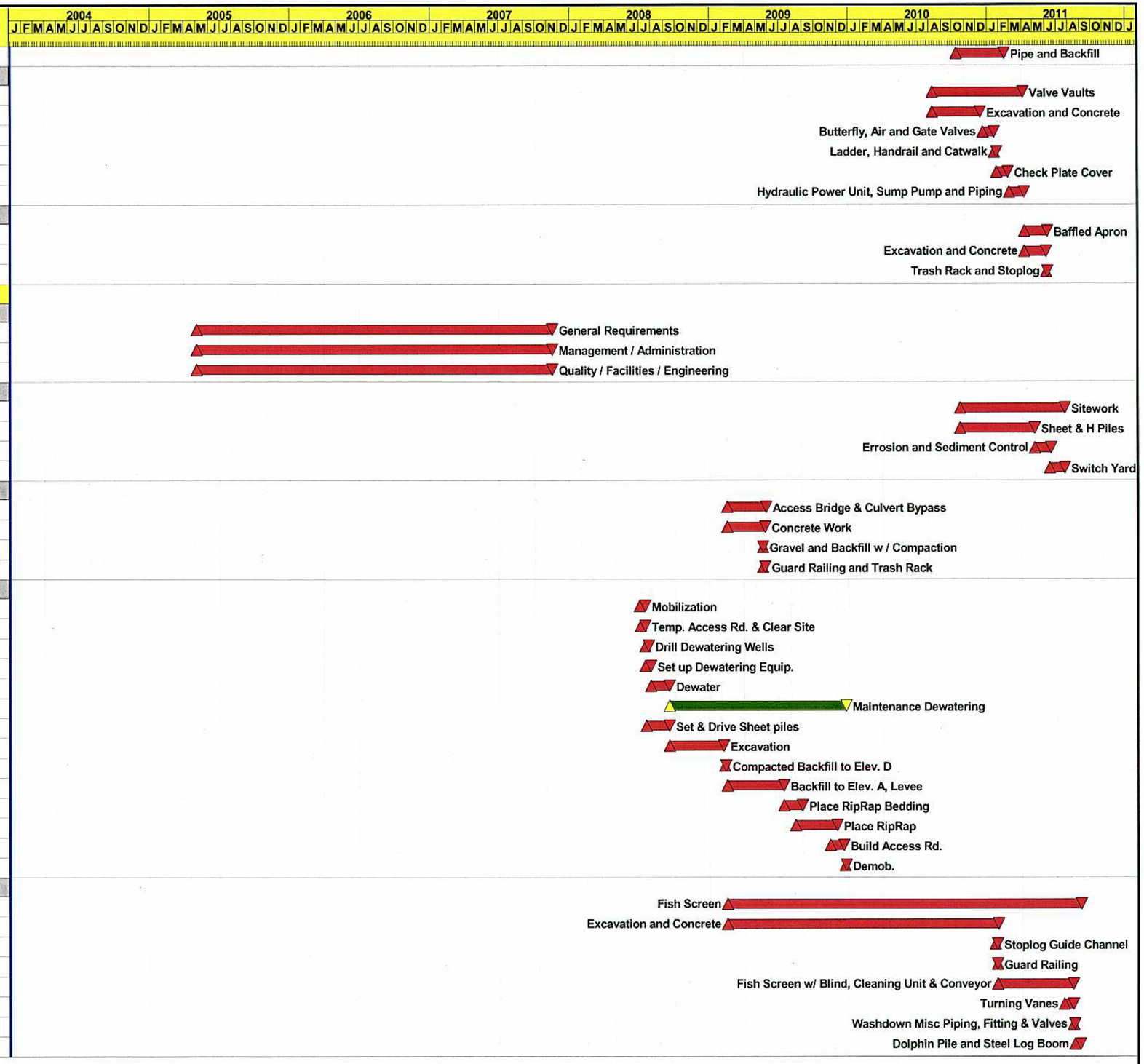
Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start	Early Finish
WTSJ-70020	Pipe and Backfill	91	91	0	13OCT10	16FEB11
Valve Vaults						
WTSJ-80000	Valve Vaults	172*	172*	0	09AUG10	05APR11
WTSJ-80010	Excavation and Concrete	92	92	0	09AUG10	14DEC10
WTSJ-80020	Butterfly, Air and Gate Valves	23	23	0	20DEC10	19JAN11
WTSJ-80030	Ladder, Handrail and Catwalk	4	4	0	21JAN11	26JAN11
WTSJ-80040	Check Plate Cover	24	24	0	25JAN11	25FEB11
WTSJ-80050	Hydraulic Power Unit, Sump Pump and Piping	29	29	0	01MAR11	08APR11
Baffled Apron						
WTSJ-90000	Baffled Apron	44*	44*	0	08APR11	08JUN11
WTSJ-90010	Excavation and Concrete	41	41	0	08APR11	03JUN11
WTSJ-90020	Trash Rack and Stoplog	3	3	0	06JUN11	08JUN11
Facilities/Embankment Webb Tract at False River						
General Requirements						
WTFR-10000	General Requirements	665*	665*	0	02MAY05	16NOV07
WTFR-10010	Management / Administration	665	665	0	02MAY05	16NOV07
WTFR-10020	Quality / Facilities / Engineering	665	665	0	02MAY05	16NOV07
Site Work						
WTFR-20000	Sitework	197*	197*	0	21OCT10	22JUL11
WTFR-20010	Sheet & H Piles	140	140	0	21OCT10	04MAY11
WTFR-20020	Errosion and Sediment Control	29	29	0	06MAY11	15JUN11
WTFR-20035	Switch Yard	28	28	0	15JUN11	22JUL11
Access Bridge & Culvert Bypass						
WTFR-30000	Access Bridge & Culvert Bypass	75*	75*	0	16FEB09	29MAY09
WTFR-30010	Concrete Work	71	71	0	16FEB09	25MAY09
WTFR-30020	Gravel and Backfill w / Compaction	1	1	0	21MAY09	21MAY09
WTFR-30030	Guard Railing and Trash Rack	3	3	0	22MAY09	26MAY09
Webb Tract False River Embankment						
WTFR-31000	Mobilization	10	10	0	01JUL08	14JUL08
WTFR-31010	Temp. Access Rd. & Clear Site	10	10	0	03JUL08	16JUL08
WTFR-31020	Drill Dewatering Wells	5	5	0	17JUL08	23JUL08
WTFR-31030	Set up Dewatering Equip.	10	10	0	17JUL08	30JUL08
WTFR-31040	Dewater	33	33	0	31JUL08	15SEP08
WTFR-31042	Maintenance Dewatering	333	333	0	16SEP08	24DEC09
WTFR-31050	Set & Drive Sheet piles	42	42	0	18JUL08	15SEP08
WTFR-31060	Excavation	104	104	0	16SEP08	06FEB09
WTFR-31070	Compacted Backfill to Elev. D	5	5	0	09FEB09	13FEB09
WTFR-31080	Backfill to Elev. A, Levee	106	106	0	16FEB09	13JUL09
WTFR-31090	Place RipRap Bedding	36	36	0	14JUL09	01SEP09
WTFR-31100	Place RipRap	79	79	0	12AUG09	30NOV09
WTFR-31110	Build Access Rd.	28	28	0	11NOV09	18DEC09
WTFR-31120	Demob.	5	5	0	21DEC09	25DEC09
Fish Screen						
WTFR-40000	Fish Screen	665*	665*	0	16FEB09	02SEP11
WTFR-40010	Excavation and Concrete	509	509	0	16FEB09	27JAN11
WTFR-40020	Stoplog Guide Channel	4	4	0	21JAN11	26JAN11
WTFR-40030	Guard Railing	1	1	0	25JAN11	25JAN11
WTFR-40040	Fish Screen w/ Blind, Cleaning Unit & Conveyor	144	144	0	25JAN11	12AUG11
WTFR-40050	Turning Vanes	18	18	0	20JUL11	12AUG11
WTFR-40060	Washdown Misc Piping, Fitting & Valves	3	3	0	15AUG11	17AUG11
WTFR-40070	Dolphin Pile and Steel Log Boom	9	9	0	18AUG11	30AUG11



Start Date	01JAN04
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Early Bar
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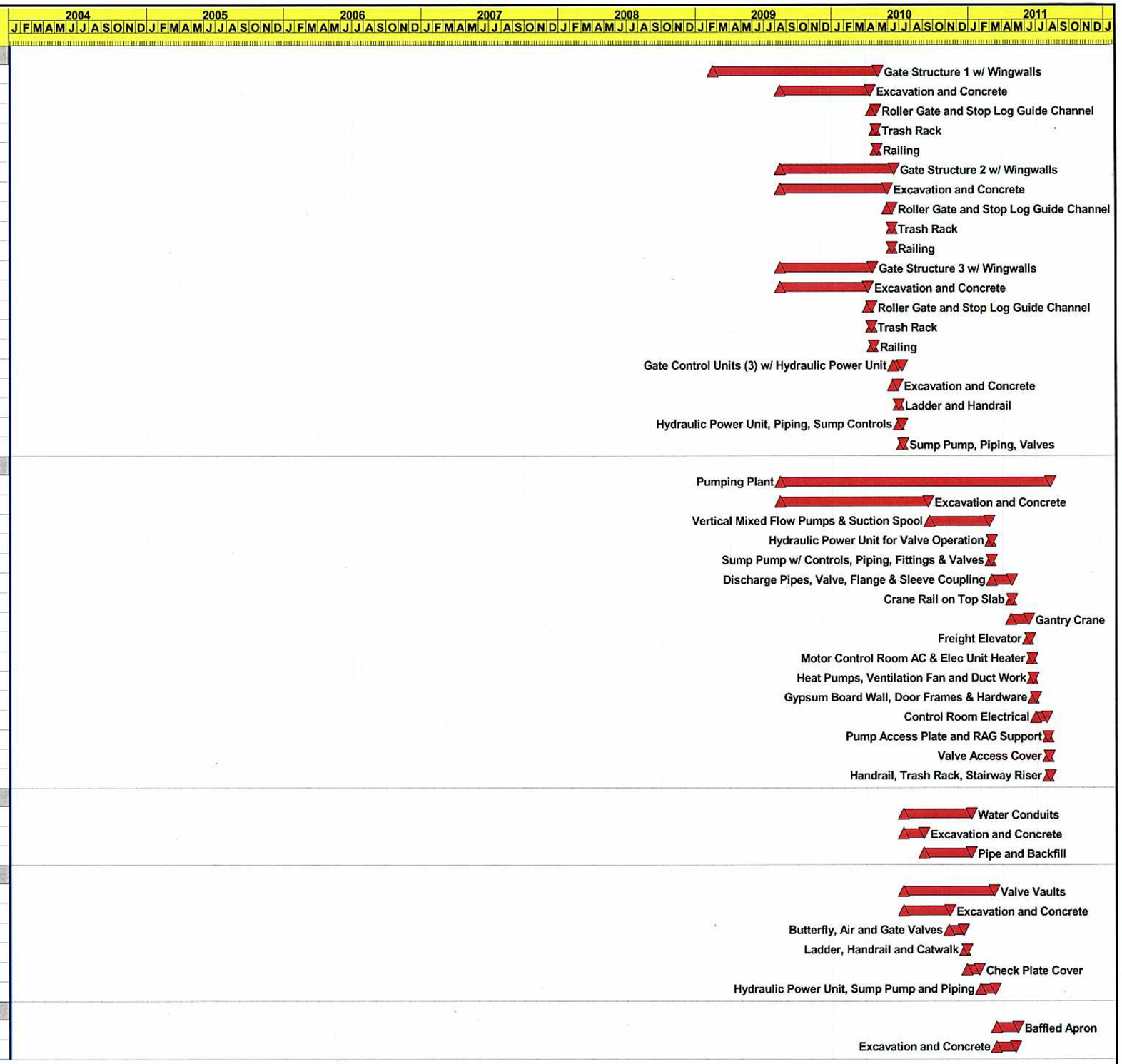
Date	Revision	Checked	Approved

Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start	Early Finish
Gate Structures						
WTFR-51000	Gate Structure 1 w/ Wingwalls	317*	317*	0	16FEB09	04MAY10
WTFR-51010	Excavation and Concrete	173	173	0	14AUG09	13APR10
WTFR-51020	Roller Gate and Stop Log Guide Channel	8	8	0	15APR10	26APR10
WTFR-51030	Trash Rack	2	2	0	26APR10	27APR10
WTFR-51040	Railing	2	2	0	29APR10	30APR10
WTFR-52000	Gate Structure 2 w/ Wingwalls	217*	217*	0	14AUG09	14JUN10
WTFR-52010	Excavation and Concrete	205	205	0	14AUG09	27MAY10
WTFR-52020	Roller Gate and Stop Log Guide Channel	8	8	0	28MAY10	08JUN10
WTFR-52030	Trash Rack	2	2	0	09JUN10	10JUN10
WTFR-52040	Railing	2	2	0	09JUN10	10JUN10
WTFR-53000	Gate Structure 3 w/ Wingwalls	177*	177*	0	14AUG09	19APR10
WTFR-53010	Excavation and Concrete	169	169	0	14AUG09	07APR10
WTFR-53020	Roller Gate and Stop Log Guide Channel	5	5	0	08APR10	14APR10
WTFR-53030	Trash Rack	1	1	0	16APR10	16APR10
WTFR-53040	Railing	2	2	0	19APR10	20APR10
WTFR-54000	Gate Control Units (3) w/ Hydraulic Power Unit	18*	18*	0	14JUN10	07JUL10
WTFR-54010	Excavation and Concrete	9	9	0	14JUN10	24JUN10
WTFR-54020	Ladder and Handrail	1	1	0	28JUN10	28JUN10
WTFR-54030	Hydraulic Power Unit, Piping, Sump Controls	7	7	0	29JUN10	07JUL10
WTFR-54040	Sump Pump, Piping, Valves	1	1	0	08JUL10	08JUL10
Pumping Plant						
WTFR-60000	Pumping Plant	517*	517*	0	14AUG09	08AUG11
WTFR-60010	Excavation and Concrete	283	283	0	14AUG09	14SEP10
WTFR-60020	Vertical Mixed Flow Pumps & Suction Spool	116	116	0	16SEP10	24FEB11
WTFR-60030	Hydraulic Power Unit for Valve Operation	2	2	0	28FEB11	01MAR11
WTFR-60040	Sump Pump w/ Controls, Piping, Fittings & Valves	1	1	0	01MAR11	01MAR11
WTFR-60050	Discharge Pipes, Valve, Flange & Sleeve Coupling	39	39	0	02MAR11	25APR11
WTFR-60060	Crane Rail on Top Slab	1	1	0	25APR11	25APR11
WTFR-60070	Gantry Crane	34	34	0	25APR11	09JUN11
WTFR-60080	Freight Elevator	4	4	0	09JUN11	14JUN11
WTFR-60090	Motor Control Room AC & Elec Unit Heater	2	2	0	17JUN11	20JUN11
WTFR-60100	Heat Pumps, Ventilation Fan and Duct Work	3	3	0	20JUN11	22JUN11
WTFR-60110	Gypsum Board Wall, Door Frames & Hardware	3	3	0	24JUN11	28JUN11
WTFR-60120	Control Room Electrical	23	23	0	29JUN11	29JUL11
WTFR-60130	Pump Access Plate and RAG Support	2	2	0	01AUG11	02AUG11
WTFR-60140	Valve Access Cover	3	3	0	01AUG11	03AUG11
WTFR-60150	Handrail, Trash Rack, Stairway Riser	4	4	0	03AUG11	08AUG11
Water Conduits						
WTFR-70000	Water Conduits	131*	131*	0	09JUL10	07JAN11
WTFR-70010	Excavation and Concrete	39	39	0	09JUL10	01SEP10
WTFR-70020	Pipe and Backfill	92	92	0	02SEP10	07JAN11
Valve Vaults						
WTFR-80000	Valve Vaults	174*	174*	0	09JUL10	09MAR11
WTFR-80010	Excavation and Concrete	88	88	0	09JUL10	09NOV10
WTFR-80020	Butterfly, Air and Gate Valves	29	29	0	09NOV10	17DEC10
WTFR-80030	Ladder, Handrail and Catwalk	4	4	0	21DEC10	24DEC10
WTFR-80040	Check Plate Cover	24	24	0	27DEC10	27JAN11
WTFR-80050	Hydraulic Power Unit, Sump Pump and Piping	29	29	0	31JAN11	10MAR11
Baffled Apron						
WTFR-90000	Baffled Apron	43*	43*	0	14MAR11	11MAY11
WTFR-90010	Excavation and Concrete	40	40	0	14MAR11	06MAY11



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Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start	Early Finish
WTFR-90020	Trash Rack and Stoplog	3	3	0	06MAY11	10MAY11
Bacon Island at Middle River						
General Requirements						
BIMR-10000	General Requirements	783*	783*	0	02MAY05	30APR08
BIMR-10010	Management / Administration	783	783	0	02MAY05	30APR08
BIMR-10020	Quality / Facilities / Engineering	783	783	0	02MAY05	30APR08
Site Work						
BIMR-20000	Sitework	200*	200*	0	29OCT10	04AUG11
BIMR-20010	Sheet & H Piles	140	140	0	29OCT10	12MAY11
BIMR-20020	Errosion and Sediment Control	32	32	0	13MAY11	27JUN11
BIMR-20035	Switch Yard	28	28	0	27JUN11	03AUG11
Access Bridge & Culvert Bypass						
BIMR-30000	Access Bridge & Culvert Bypass	73*	73*	0	16FEB09	27MAY09
BIMR-30010	Concrete Work	69	69	0	16FEB09	21MAY09
BIMR-30020	Gravel and Backfill w/ Compaction	1	1	0	18MAY09	18MAY09
BIMR-30030	Guard Railing and Trash Rack	3	3	0	20MAY09	22MAY09
Bacon Island at Middle River Embankment						
BIMR-31000	Mobilization	10	10	0	01JUL08	14JUL08
BIMR-31010	Temp. Access Rd. & Clear Site	10	10	0	03JUL08	16JUL08
BIMR-31020	Drill Dewatering Wells	5	5	0	17JUL08	23JUL08
BIMR-31030	Set up Dewatering Equip.	10	10	0	17JUL08	30JUL08
BIMR-31040	Dewater	33	33	0	31JUL08	15SEP08
BIMR-31042	Maintenance Dewatering	333	333	0	16SEP08	24DEC09
BIMR-31050	Set & Drive Sheet piles	42	42	0	18JUL08	15SEP08
BIMR-31060	Excavation	104	104	0	16SEP08	06FEB09
BIMR-31070	Compacted Backfill to Elev. D	5	5	0	09FEB09	13FEB09
BIMR-31080	Backfill to Elev. A, Levee	106	106	0	16FEB09	13JUL09
BIMR-31090	Place RipRap Bedding	36	36	0	14JUL09	01SEP09
BIMR-31100	Place RipRap	79	79	0	12AUG09	30NOV09
BIMR-31110	Build Access Rd.	28	28	0	11NOV09	18DEC09
BIMR-31120	Demob.	5	5	0	21DEC09	25DEC09
Fish Screen						
BIMR-40000	Fish Screen	783*	783*	0	16FEB09	15FEB12
BIMR-40010	Excavation and Concrete	614	614	0	16FEB09	23JUN11
BIMR-40020	Stoplog Guide Channel	4	4	0	15JUN11	20JUN11
BIMR-40030	Guard Railing	1	1	0	20JUN11	20JUN11
BIMR-40040	Fish Screen w/ Blind, Cleaning Unit & Conveyor	154	154	0	20JUN11	19JAN12
BIMR-40050	Turning Vanes	22	22	0	23DEC11	23JAN12
BIMR-40060	Washdown Misc Piping, Fitting & Valves	3	3	0	23JAN12	25JAN12
BIMR-40070	Dolphin Pile and Steel Log Boom	12	12	0	27JAN12	13FEB12
Gate Structures						
BIMR-51000	Gate Structure 1 w/ Wingwalls	322*	322*	0	16FEB09	11MAY10
BIMR-51010	Excavation and Concrete	178	178	0	14AUG09	20APR10
BIMR-51020	Roller Gate and Stop Log Guide Channel	8	8	0	22APR10	03MAY10
BIMR-51030	Trash Rack	2	2	0	03MAY10	04MAY10
BIMR-51040	Railing	2	2	0	06MAY10	07MAY10
BIMR-52000	Gate Structure 2 w/ Wingwalls	220*	220*	0	14AUG09	17JUN10
BIMR-52010	Excavation and Concrete	213	213	0	14AUG09	08JUN10
BIMR-52020	Roller Gate and Stop Log Guide Channel	3	3	0	09JUN10	11JUN10
BIMR-52030	Trash Rack	2	2	0	09JUN10	10JUN10
BIMR-52040	Railing	2	2	0	16JUN10	17JUN10
BIMR-53000	Gate Structure 3 w/ Wingwalls	167*	167*	0	14AUG09	05APR10

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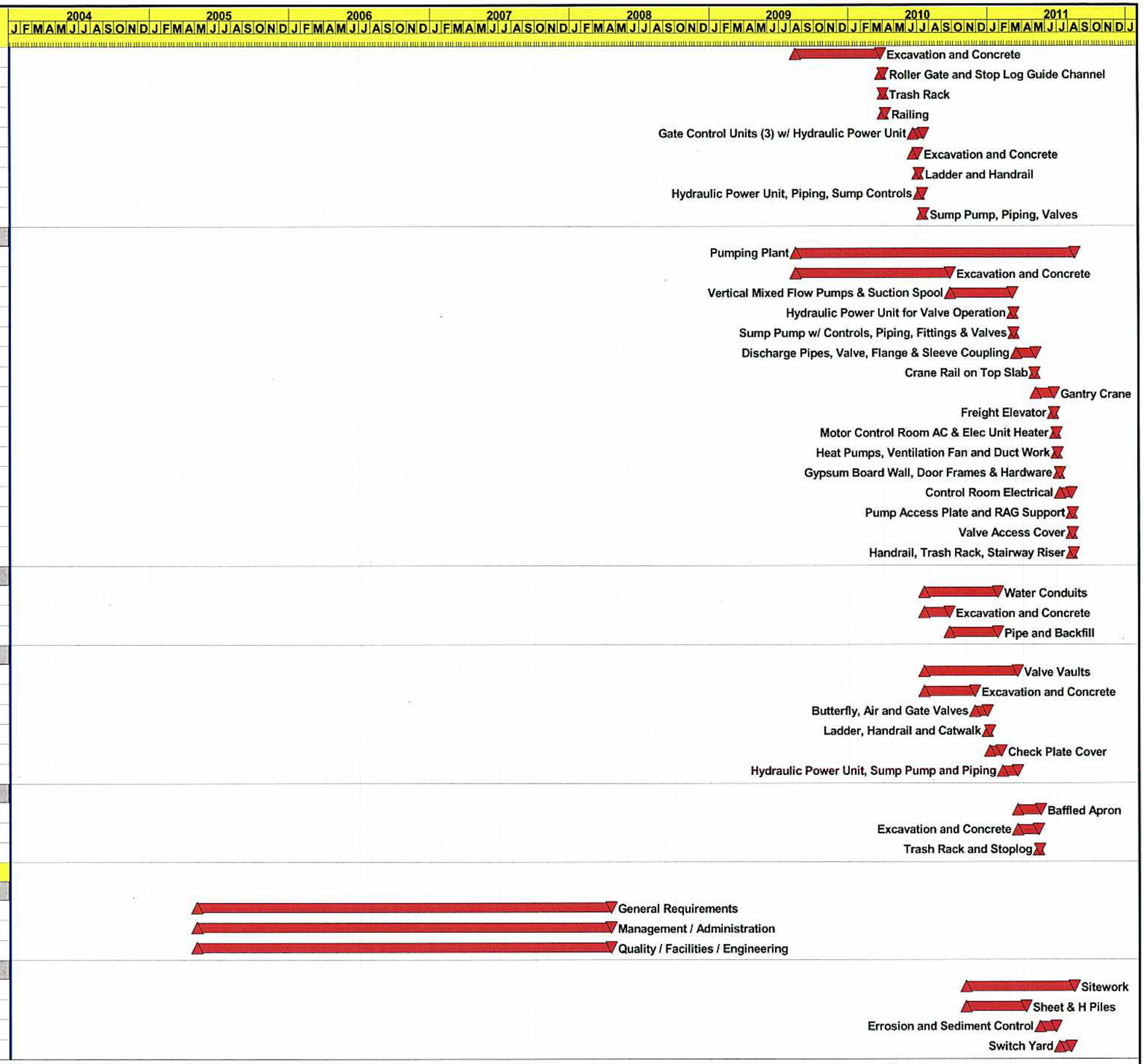
BIMR-53010	Excavation and Concrete	159	159	0	14AUG09	24MAR10
BIMR-53020	Roller Gate and Stop Log Guide Channel	5	5	0	25MAR10	31MAR10
BIMR-53030	Trash Rack	1	1	0	01APR10	01APR10
BIMR-53040	Railing	2	2	0	02APR10	05APR10
BIMR-54000	Gate Control Units (3) w/ Hydraulic Power Unit	19*	19*	0	18JUN10	14JUL10
BIMR-54010	Excavation and Concrete	10	10	0	18JUN10	01JUL10
BIMR-54020	Ladder and Handrail	1	1	0	02JUL10	02JUL10
BIMR-54030	Hydraulic Power Unit, Piping, Sump Controls	7	7	0	05JUL10	13JUL10
BIMR-54040	Sump Pump, Piping, Valves	1	1	0	14JUL10	14JUL10
Pumping Plant						
BIMR-60000	Pumping Plant	523*	523*	0	14AUG09	16AUG11
BIMR-60010	Excavation and Concrete	289	289	0	14AUG09	22SEP10
BIMR-60020	Vertical Mixed Flow Pumps & Suction Spool	116	116	0	24SEP10	04MAR11
BIMR-60030	Hydraulic Power Unit for Valve Operation	2	2	0	07MAR11	08MAR11
BIMR-60040	Sump Pump w/ Controls, Piping, Fittings & Valves	1	1	0	09MAR11	09MAR11
BIMR-60050	Discharge Pipes, Valve, Flange & Sleeve Coupling	39	39	0	14MAR11	05MAY11
BIMR-60060	Crane Rail on Top Slab	1	1	0	02MAY11	02MAY11
BIMR-60070	Gantry Crane	34	34	0	05MAY11	21JUN11
BIMR-60080	Freight Elevator	4	4	0	20JUN11	23JUN11
BIMR-60090	Motor Control Room AC & Elec Unit Heater	2	2	0	27JUN11	28JUN11
BIMR-60100	Heat Pumps, Ventilation Fan and Duct Work	3	3	0	29JUN11	01JUL11
BIMR-60110	Gypsum Board Wall, Door Frames & Hardware	3	3	0	04JUL11	06JUL11
BIMR-60120	Control Room Electrical	23	23	0	07JUL11	08AUG11
BIMR-60130	Pump Access Plate and RAG Support	2	2	0	08AUG11	09AUG11
BIMR-60140	Valve Access Cover	3	3	0	08AUG11	10AUG11
BIMR-60150	Handrail, Trash Rack, Stairway Riser	4	4	0	09AUG11	12AUG11
Water Conduits						
BIMR-70000	Water Conduits	139*	139*	0	15JUL10	25JAN11
BIMR-70010	Excavation and Concrete	48	48	0	15JUL10	20SEP10
BIMR-70020	Pipe and Backfill	91	91	0	20SEP10	24JAN11
Valve Vaults						
BIMR-80000	Valve Vaults	176*	176*	0	15JUL10	17MAR11
BIMR-80010	Excavation and Concrete	95	95	0	15JUL10	24NOV10
BIMR-80020	Butterfly, Air and Gate Valves	24	24	0	25NOV10	28DEC10
BIMR-80030	Ladder, Handrail and Catwalk	4	4	0	31DEC10	05JAN11
BIMR-80040	Check Plate Cover	24	24	0	04JAN11	04FEB11
BIMR-80050	Hydraulic Power Unit, Sump Pump and Piping	29	29	0	07FEB11	17MAR11
Baffled Apron						
BIMR-90000	Baffled Apron	43*	43*	0	18MAR11	17MAY11
BIMR-90010	Excavation and Concrete	40	40	0	18MAR11	12MAY11
BIMR-90020	Trash Rack and Stoplog	3	3	0	11MAY11	13MAY11
Bason Island at Santa Fe Cut						
General Requirements						
BISF-10000	General Requirements	772*	772*	0	02MAY05	15APR08
BISF-10010	Management / Administration	772	772	0	02MAY05	15APR08
BISF-10020	Quality / Facilities / Engineering	772	772	0	02MAY05	15APR08
Site Work						
BISF-20000	Sitework	205*	205*	0	01NOV10	12AUG11
BISF-20010	Sheet & H Piles	114	114	0	01NOV10	07APR11
BISF-20020	Errosion and Sediment Control	30	30	0	16MAY11	24JUN11
BISF-20035	Switch Yard	23	23	0	06JUL11	05AUG11



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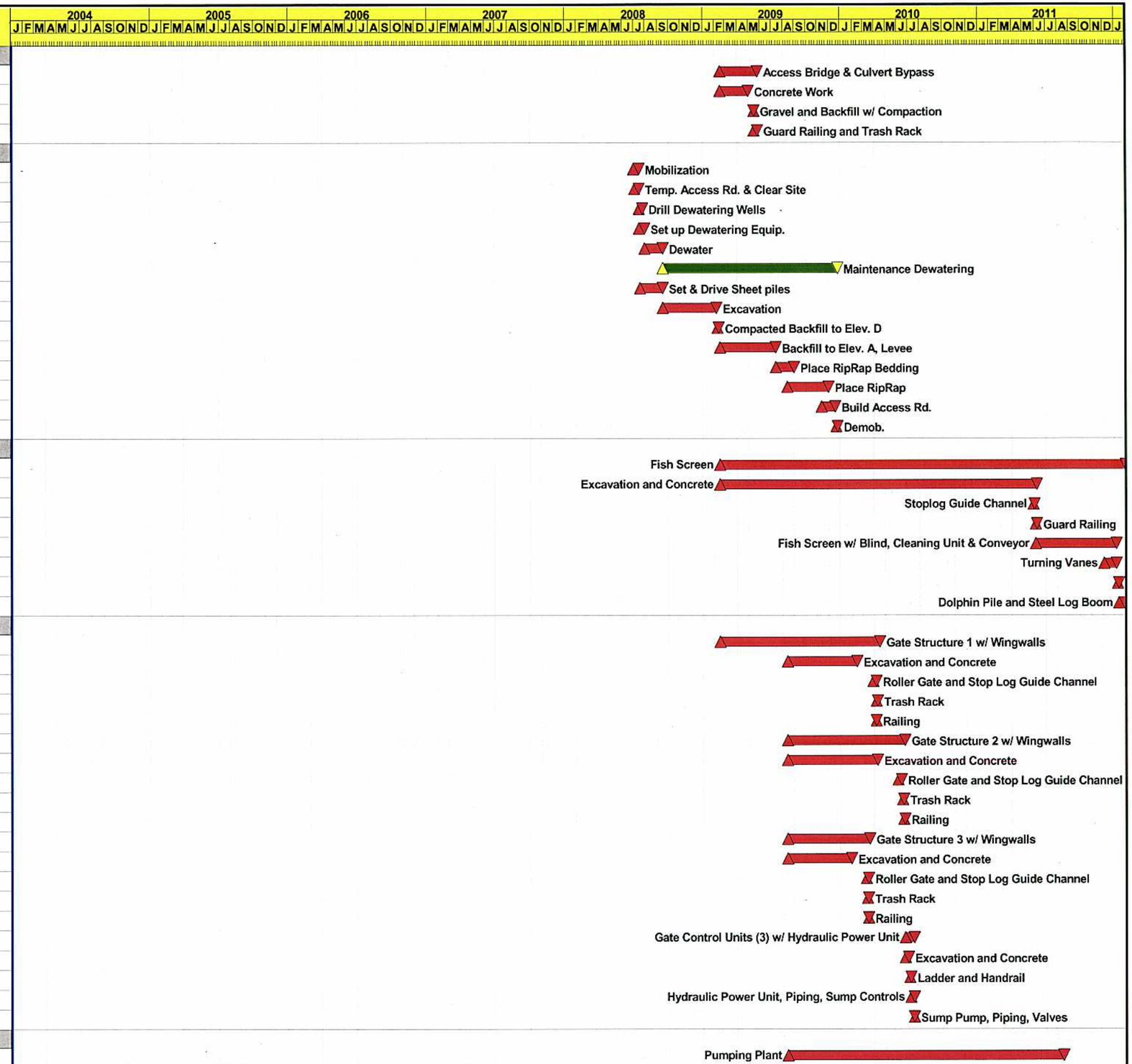
Access Bridge & Culvert Bypass						
BISF-30000	Access Bridge & Culvert Bypass	73*	73*	0	16FEB09	27MAY09
BISF-30010	Concrete Work	55	55	0	16FEB09	01MAY09
BISF-30020	Gravel and Backfill w/ Compaction	1	1	0	18MAY09	18MAY09
BISF-30030	Guard Railing and Trash Rack	6	6	0	18MAY09	25MAY09
Bacon Island at Santa Fe Cut						
BISF-31000	Mobilization	10	10	0	01JUL08	14JUL08
BISF-31010	Temp. Access Rd. & Clear Site	10	10	0	03JUL08	16JUL08
BISF-31020	Drill Dewatering Wells	5	5	0	17JUL08	23JUL08
BISF-31030	Set up Dewatering Equip.	10	10	0	17JUL08	30JUL08
BISF-31040	Dewater	33	33	0	31JUL08	15SEP08
BISF-31042	Maintenance Dewatering	333	333	0	16SEP08	24DEC09
BISF-31050	Set & Drive Sheet piles	42	42	0	18JUL08	15SEP08
BISF-31060	Excavation	104	104	0	16SEP08	06FEB09
BISF-31070	Compacted Backfill to Elev. D	5	5	0	09FEB09	13FEB09
BISF-31080	Backfill to Elev. A, Levee	106	106	0	16FEB09	13JUL09
BISF-31090	Place RipRap Bedding	36	36	0	14JUL09	01SEP09
BISF-31100	Place RipRap	79	79	0	12AUG09	30NOV09
BISF-31110	Build Access Rd.	28	28	0	11NOV09	18DEC09
BISF-31120	Demob.	5	5	0	21DEC09	25DEC09
Fish Screen						
BISF-40000	Fish Screen	772*	772*	0	16FEB09	31JAN12
BISF-40010	Excavation and Concrete	603	603	0	16FEB09	08JUN11
BISF-40020	Stoplog Guide Channel	4	4	0	30MAY11	02JUN11
BISF-40030	Guard Railing	1	1	0	06JUN11	06JUN11
BISF-40040	Fish Screen w/ Blind, Cleaning Unit & Conveyor	154	154	0	06JUN11	05JAN12
BISF-40050	Turning Vanes	23	23	0	05DEC11	04JAN12
BISF-40060	Washdown Misc Piping, Fitting & Valves	3	3	0	09JAN12	11JAN12
BISF-40070	Dolphin Pile and Steel Log Boom	12	12	0	11JAN12	26JAN12
Gate Structures						
BISF-51000	Gate Structure 1 w/ Wingwalls	304*	304*	0	16FEB09	15APR10
BISF-51010	Excavation and Concrete	131	131	0	14AUG09	12FEB10
BISF-51020	Roller Gate and Stop Log Guide Channel	6	6	0	29MAR10	05APR10
BISF-51030	Trash Rack	2	2	0	07APR10	08APR10
BISF-51040	Railing	1	1	0	07APR10	07APR10
BISF-52000	Gate Structure 2 w/ Wingwalls	222*	222*	0	14AUG09	21JUN10
BISF-52010	Excavation and Concrete	171	171	0	14AUG09	09APR10
BISF-52020	Roller Gate and Stop Log Guide Channel	6	6	0	04JUN10	11JUN10
BISF-52030	Trash Rack	2	2	0	16JUN10	17JUN10
BISF-52040	Railing	2	2	0	18JUN10	21JUN10
BISF-53000	Gate Structure 3 w/ Wingwalls	155*	155*	0	14AUG09	18MAR10
BISF-53010	Excavation and Concrete	120	120	0	14AUG09	28JAN10
BISF-53020	Roller Gate and Stop Log Guide Channel	5	5	0	10MAR10	16MAR10
BISF-53030	Trash Rack	1	1	0	15MAR10	15MAR10
BISF-53040	Railing	1	1	0	17MAR10	17MAR10
BISF-54000	Gate Control Units (3) w/ Hydraulic Power Unit	19*	19*	0	21JUN10	15JUL10
BISF-54010	Excavation and Concrete	8	8	0	21JUN10	30JUN10
BISF-54020	Ladder and Handrail	1	1	0	05JUL10	05JUL10
BISF-54030	Hydraulic Power Unit, Piping, Sump Controls	6	6	0	07JUL10	14JUL10
BISF-54040	Sump Pump, Piping, Valves	1	1	0	16JUL10	16JUL10
Pumping Plant						
BISF-60000	Pumping Plant	522*	522*	0	14AUG09	15AUG11



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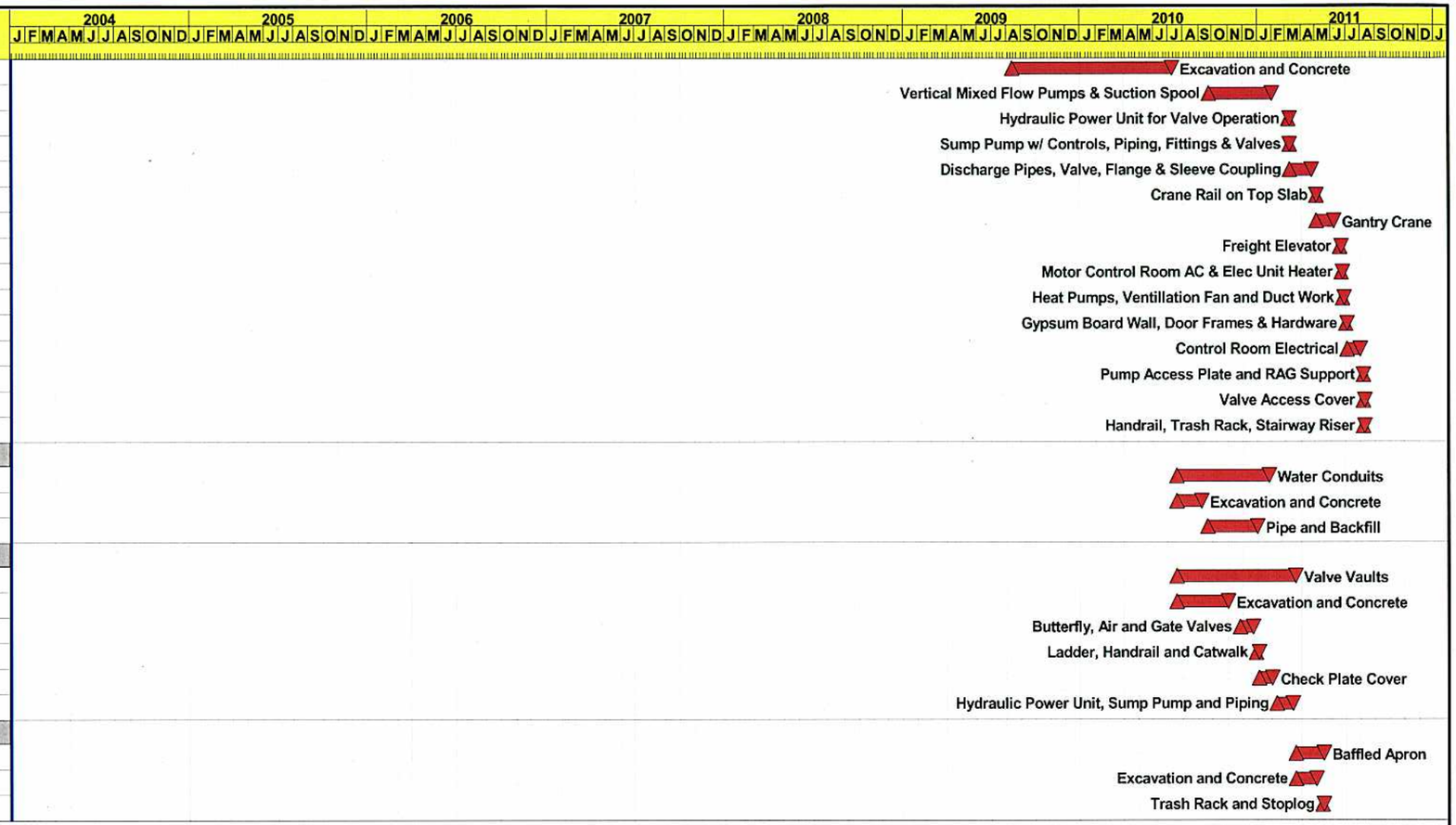
BISF-60010	Excavation and Concrete	235	235	0	14AUG09	08JUL10
BISF-60020	Vertical Mixed Flow Pumps & Suction Spool	94	94	0	23SEP10	01FEB11
BISF-60030	Hydraulic Power Unit for Valve Operation	2	2	0	07MAR11	08MAR11
BISF-60040	Sump Pump w/ Controls, Piping, Fittings & Valves	1	1	0	09MAR11	09MAR11
BISF-60050	Discharge Pipes, Valve, Flange & Sleeve Coupling	32	32	0	10MAR11	22APR11
BISF-60060	Crane Rail on Top Slab	1	1	0	02MAY11	02MAY11
BISF-60070	Gantry Crane	28	28	0	02MAY11	08JUN11
BISF-60080	Freight Elevator	3	3	0	20JUN11	22JUN11
BISF-60090	Motor Control Room AC & Elec Unit Heater	1	1	0	24JUN11	24JUN11
BISF-60100	Heat Pumps, Ventillation Fan and Duct Work	3	3	0	27JUN11	29JUN11
BISF-60110	Gypsum Board Wall, Door Frames & Hardware	2	2	0	01JUL11	04JUL11
BISF-60120	Control Room Electrical	19	19	0	06JUL11	01AUG11
BISF-60130	Pump Access Plate and RAG Support	1	1	0	08AUG11	08AUG11
BISF-60140	Valve Access Cover	2	2	0	08AUG11	09AUG11
BISF-60150	Handrail, Trash Rack, Stairway Riser	3	3	0	09AUG11	11AUG11
Water Conduits						
BISF-70000	Water Conduits	138*	138*	0	19JUL10	26JAN11
BISF-70010	Excavation and Concrete	38	38	0	19JUL10	08SEP10
BISF-70020	Pipe and Backfill	75	75	0	20SEP10	31DEC10
Valve Vaults						
BISF-80000	Valve Vaults	176*	176*	0	19JUL10	21MAR11
BISF-80010	Excavation and Concrete	76	76	0	19JUL10	01NOV10
BISF-80020	Butterfly, Air and Gate Valves	19	19	0	25NOV10	21DEC10
BISF-80030	Ladder, Handrail and Catwalk	3	3	0	31DEC10	04JAN11
BISF-80040	Check Plate Cover	20	20	0	04JAN11	31JAN11
BISF-80050	Hydraulic Power Unit, Sump Pump and Piping	24	24	0	10FEB11	15MAR11
Baffled Apron						
BISF-90000	Baffled Apron	42*	42*	0	21MAR11	17MAY11
BISF-90010	Excavation and Concrete	32	32	0	21MAR11	03MAY11
BISF-90020	Trash Rack and Stoplog	3	3	0	16MAY11	18MAY11



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