

Attachment 5 Schedule

Dixon Main Drain / V-drain Project

Dixon Regional Watershed Joint Powers Authority

Work Plan Task No.	Task Name	Start Date	End Date	Jan-01	Jan-02	Jan-03	Jan-04	Jan-05	Jan-06	Jan-07	Jan-08	Apr-08	Jul-08	Oct-08	Jan-09	Apr-09	Jul-09	Oct-09	Jan-10	Apr-10	Jul-10	Oct-10	Jan-11	Apr-11	Jul-11	Oct-11	Jan-12	Apr-12	Jul-12	Oct-12	Jan-13	Apr-13	Jul-13	Oct-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
1	Administration	Sep-04	Nov-19	September 2004 Dixon Regional Watershed JPA Formed																																										
1.a	Development of Financing	Jan-09	1-Oct-13	October 1, 2013 Award of Grant																																										
1.b	Development of Project Management Plan	Oct-13	Nov-13																																											
2	Labor Compliance Program	May-14	Nov-14																																											
3	Reporting, Progress and Final Report Submittals	Aug-13	Dec-14																																											
	Easement Acquisition	Oct-07	Feb-14	Appraisals April 15, 2009 Initial offer letter February 8, 2011 Revised offer letter Easements Recorded																																										
4	Assessment and Evaluation	Aug-01	May-12	A	B	C,D Eastside Drain Project Conceptual Design Report January 2008																		Main Drain and V-Drain Hydraulic Study, May 10, 2012																						
5	Final Project Design	Nov-07	Mar-14	50% Plans November, 2007 65% Plans February, 2009 95% Plans December, 2009 100% Plans January, 2014																																										
6	Environmental Documents	Sep-07	Feb-09	Notice of Preparation September, 2007 EIR Certified February 25, 2009																																										
7	Permitting - Acquired Permits	Jun-09	Aug-12	E F,G H																																										
7	Permitting - Permits Needed	Jun-13	Apr-14	Extensions to Fish and Game Permits Construction General Permit Order 2009-0009-DWQ																																										
8	Construction Contracting	Feb-14	Apr-14	Feb 1, Bid April 1, 2014 Award Contract																																										
9	Construction	May-14	Nov-14																																											
9.1	Mobilization and Site Preparation	May-14	Jun-14																																											
9.2	Project Construction	May-14	Nov-14																																											
9.2.a	Construction in Upland Area	1-May-14	15-Oct-14	Permits restrict work in upland areas to May 1-October 15																																										
9.2.a	Construction in Channel Area	1-Aug-14	15-Oct-14	Permits restrict work in channel to Aug 1- Oct 15																																										
9.3	Performance Testing and Demobilization	Oct-14	Nov-14																																											
10	Environmental Compliance /Mitigation /Enhancement	Nov-14	Nov-19	Monitor for 5 years																																										
11	Construction Administration	May-14	Dec-14																																											
Milestones																																														
A Dixon Watershed Management Plan Prepared for Solano County Water Agency August 24, 2001																																														
B New South Channel Conceptual Design Prepared for Solano County Water Agency December, 2002																																														
C Report to the Dixon Watershed Joint Powers Authority, Conceptual Design of the New South Channel, Enlarging the Dixon Main Drain and V-Drain and the Three Mile Extension June 22, 2006																																														
D Report to the Dixon Watershed Joint Powers Authority, Dixon Main Drain and V-Drain Project Recommendations September 13, 2006																																														
E Streambed Alteration Agreement under Section 1600 of the California Fish and Game Code in September 2009																																														
F The Regional Water Quality Control Board issued a Section 401 Water Quality Certification on January 4, 2011																																														
G U.S. Army Corps of Engineers Individual Permit to comply with Section 404 of the Clean Water Act was issued on February 15, 2011																																														
H An Encroachment Permit was issued by the Central Valley Flood Protection Board in August 2012																																														

ATTACHMENT 5
Project Schedule

Attachment 5 Schedule

Proposal: Westside IRWM

Project: WDCWA Portion of the Sacramento River Joint Intake Project

Work Plan Task No.	Task Name	Start Date	End Date	Jan-00	Jan-01	Jan-02	Jan-03	Jan-04	Jan-05	Jan-06	Jan-07	Jan-08	Jan-09	Jan-10	Jan-11	Jan-12	Jan-13	Jan-14	Jan-15	Jan-16
1	Administration	Jan-00	Jun-16	[Orange bar]																
2	Development of Financing	Jan-00	Oct-13	[Orange bar] Oct 13 Award Date of Grant																
3	Assessment and Evaluation	Jan-00	Jun-09	A		B		C			D									
4	Final Project Design	Jan-03	Aug-12				E							F						
5	Acquisition of Right of Way	Dec-10	Jan-13	[Yellow bar]																
6	Environmental Documents	Jan-04	Jun-10					CEQA/NEPA				CEQA/NEPA								
7	Permitting	Mar-10	Apr-13											[Yellow bar]						
8	Construction Contracting / Bid Solicitation	Jun-13	Oct-13																	
9	Development of Project Monitoring Plan	Oct-13	Dec-13																	
10	Construction	Oct-13	Jun-16																	
11	Environmental Compliance /Mitigation /Enhancement	Oct-13	Jun-16																	
12	Construction Administration	Oct-13	Jun-16																	
13	Progress Reports and Final Report Submittal	Oct-13	Jul-16																	

Footnotes:
A RD 2035 feasibility study completed in 2000.
B RD 2035 preliminary design completed in 2002.
C Value engineering completed in 2004 and 2005.
D Conceptual design to include WDCWA prepared 2007 - 2009.
E RD 2035 final design completed 2003 - 2004.
F RD 2035/WDCWA final design completed August 2012.

**ATTACHMENT 5
SCHEDULE
PROPERTY ACQUISITION, MIDDLE CREEK FLOOD DAMAGE REDUCTION AND ECOSYSTEM RESTORATION PROJECT**

Tasks	Comments	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	
Development of financing	NA Match is being provided from District budget																				
Environmental Documentation	Complete. CEQA Notice of Determination filed May 11, 2004																				
Design and Bid Solicitation	Hire Appraiser																				
Acquisition of Rights-of-way																					
	Identify Potential Properties for Acquisition																				
	Phase I Environmental Site Assessment																				
	Acquisition																				
	Property Cleanup																				
	Place Conservation Easement																				
Identify and Acquire Permits	NA																				
Develop Project Monitoring Plan	NA																				
Construction Start and End Dates	NA Property Acquisition Only																				
Implementation of Environmental Mitigation	NA None required																				
Project Administration																					
Reporting																					
	Quarterly Reports																				
	Final Report																				

Regional Collaborative Water Use Efficiency Program - Solano County Water Agency

Attachment 5 - Schedule for The Regional Collaborative Water Use Efficiency Program

Today's Date: 3/5/2013 Tuesday
(vertical red line)

Start Date: 1/1/2014 Wednesday

WBS	Tasks	Start	End	Duration (Days)	% Complete	Working Days	Days Complete	Days Remaining	2014												2015								2016																														
									Quarter #1			Quarter #2			Quarter #3			Quarter #4			Quarter #5		Quarter #6		Quarter #7		Quarter #8																																
									30-Dec-13	06-Jan-14	13-Jan-14	27-Jan-14	10-Feb-14	24-Mar-14	07-Apr-14	14-Apr-14	28-Apr-14	12-May-14	09-Jun-14	16-Jun-14	07-Jul-14	14-Jul-14	11-Aug-14	25-Aug-14	08-Sep-14	22-Sep-14	06-Oct-14	13-Oct-14	10-Nov-14	17-Nov-14	01-Dec-14	15-Dec-14	29-Dec-14	12-Jan-15	09-Feb-15	16-Feb-15	02-Mar-15	16-Mar-15	06-Apr-15	13-Apr-15	11-May-15	18-May-15	08-Jun-15	15-Jun-15	06-Jul-15	13-Jul-15	10-Aug-15	17-Aug-15	07-Sep-15	14-Sep-15	12-Oct-15	19-Oct-15	09-Nov-15	16-Nov-15	07-Dec-15	14-Dec-15	04-Jan-16	11-Jan-16	08-Feb-16
1	Development of Program	1/01/14	6/30/14	181	0%	129	0	181	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
1.1	Develop Rebate Applications (as needed)	1/01/14	6/30/14	180	0%	129	0	180	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
1.2	kickoff Meeting with Partner Agencies	2/01/14	4/30/14	88	0%	63	0	88	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
1.3	Develop Outreach Schedule	4/01/14	6/30/14	90	0%	65	0	90	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
2	Rebates and Mobile Lab Incentives Available	1/01/14	12/31/15	730	0%	522	0	730	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
2.1	Water Conservation Rebates Available	1/01/14	12/31/15	729	0%	522	0	729	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
2.2	Mobile Lab Incentives Available	3/01/14	12/31/15	670	0%	479	0	670	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
3	Public Outreach & Marketing Campaign	7/01/14	12/31/15	549	0%	393	0	549	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
3.1	Residential/Commercial Outreach	7/01/14	12/31/15	548	0%	393	0	548	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
3.2	Outreach to Students & Teachers	9/01/14	12/31/15	486	0%	349	0	486	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
4	Residential Workshops	7/01/14	12/31/15	533	0%	393	0	533	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
4.1	Workshop 1	9/01/14	9/15/14	14	0%	11	0	14	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
4.2	Workshop 2	3/01/15	3/15/15	14	0%	10	0	14	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
4.3	Workshop 3 (optional)	6/01/15	6/15/15	14	0%	11	0	14	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
4.4	Workshop 4 (optional)	9/01/15	9/15/15	14	0%	11	0	14	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
4.5	Workshop 5 (optional)	12/01/15	12/15/15	14	0%	11	0	14	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
5	Progress Reports & Final Report	1/01/14	6/30/16	912	0%	652	0	912	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
5.1	PR #1	4/01/14	4/30/14	29	0%	22	0	29	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
5.2	PR #2	7/01/14	7/31/14	30	0%	23	0	30	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
5.3	PR #3	10/01/14	10/31/14	30	0%	23	0	30	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
5.4	PR #4	1/01/15	1/31/15	30	0%	22	0	30	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
5.5	PR #5	4/01/15	4/30/15	29	0%	22	0	29	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
5.6	PR #6	7/01/15	7/31/15	30	0%	23	0	30	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
5.7	PR #7	10/01/15	10/31/15	30	0%	22	0	30	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
5.8	PR #8	1/01/16	1/31/16	30	0%	21	0	30	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														
5.9	Final Report	1/01/16	6/30/16	181	0%	130	0	181	[Gantt bars for 2014]												[Gantt bars for 2015]								[Gantt bars for 2016]																														

Attachment 5 - Schedule for Implementation of Wastewater Storage Ponds and Disposal Improvements

		Today's Date: 2/13/2013 Wednesday						2012												2013												2014												2015																																																		
		Start Date: 7/1/2012 Sunday						Quarter #3			Quarter #4			Quarter #1			Quarter #2			Quarter #3			Quarter #4			Quarter #1			Quarter #2			Quarter #3			Quarter #4																																																											
		Start	End	Duration (Days)	% Complete	Working Days	Days Complete	Days Remaining	02-Jul-12	09-Jul-12	16-Jul-12	30-Jul-12	13-Aug-12	10-Sep-12	24-Sep-12	08-Oct-12	15-Oct-12	29-Oct-12	12-Nov-12	10-Dec-12	17-Dec-12	07-Jan-13	14-Jan-13	11-Feb-13	25-Feb-13	11-Mar-13	25-Mar-13	08-Apr-13	15-Apr-13	13-May-13	20-May-13	03-Jun-13	17-Jun-13	01-Jul-13	15-Jul-13	12-Aug-13	19-Aug-13	02-Sep-13	16-Sep-13	07-Oct-13	14-Oct-13	11-Nov-13	18-Nov-13	09-Dec-13	16-Dec-13	06-Jan-14	13-Jan-14	10-Feb-14	17-Feb-14	10-Mar-14	17-Mar-14	14-Apr-14	21-Apr-14	12-May-14	19-May-14	09-Jun-14	16-Jun-14	07-Jul-14	14-Jul-14	11-Aug-14	18-Aug-14	08-Sep-14	15-Sep-14	06-Oct-14	13-Oct-14	10-Nov-14	17-Nov-14	08-Dec-14	15-Dec-14	12-Jan-15	19-Jan-15	09-Feb-15	16-Feb-15	09-Mar-15	16-Mar-15	13-Apr-15	20-Apr-15	11-May-15	18-May-15	08-Jun-15	15-Jun-15	22-Jun-15	20-Jul-15	27-Jul-15	17-Aug-15	31-Aug-15	07-Sep-15	28-Sep-15	05-Oct-15	12-Oct-15	02-Nov-15	16-Nov-15	23-Nov-15	14-Dec-15
1	Development of financing	7/01/12	1/01/14	550	30%	393	164	386																																																																																						
1.1	Prepare Facility Improvements Funding Report	7/01/12	8/15/12	45	100%	33	45	0																																																																																						
1.2	Pursue Federal and/or State Financial Assistance	8/15/12	1/01/14	504	40%	361	201	303																																																																																						
1.3	Submit necessary funding applications, agency review, and obtain project funding	4/01/13	1/01/14	275	0%	198	0	275																																																																																						
2	Development of Environmental documentation and California Environmental Quality Act (CEQA) compliance	11/01/12	4/02/13	153	86%	109	131	22																																																																																						
2.1	Biological Assessment Survey and Report Preparation	11/01/12	2/28/13	119	100%	86	119	0																																																																																						
2.2	Cultural Resources Study	12/04/12	12/14/12	10	100%	9	10	0																																																																																						
2.3	Wetland Delineation	12/19/12	2/18/13	61	100%	44	61	0																																																																																						
2.4	Initial Study Determination	2/01/13	2/22/13	21	80%	16	16	5																																																																																						
2.5	Public review and comment period	2/23/13	3/25/13	30	0%	21	0	30																																																																																						
2.6	Adopt Proposed Mitigated Negative Declaration/Initial Study Determination	4/02/13	4/02/13	0	0%	1	0	0																																																																																						
3	Project Design and bid solicitation process	7/10/12	2/28/14	599	63%	429	374	225																																																																																						
3.1	Field investigations, design criteria development, existing facilities review	7/10/12	8/29/12	50	100%	37	50	0																																																																																						
3.2	Conceptual Report and Plans preparation	7/10/12	10/01/12	83	100%	60	83	0																																																																																						
3.3	Construction Plans, Specification, and Cost Estimates preparation	7/10/12	12/15/13	523	60%	374	313	210																																																																																						
3.4	Project out to bid and Construction Contract Award	1/01/14	2/28/14	58	0%	43	0	58																																																																																						
4	Identification and acquisition of all necessary permits	4/01/13	2/01/14	307	4%	220	12	295																																																																																						
4.1	Coordination with PG&E to obtain overhead utility relocation permit	4/01/13	2/01/14	306	5%	220	15	291																																																																																						
4.2	Coordination with US Army Corps of Engineers to obtain 404 Permit	4/01/13	9/01/13	153	0%	110	0	153																																																																																						
4.3	Coordination with State Water Board to obtain 401 Permit	4/01/13	9/01/13	153	5%	110	7	146																																																																																						
4.4	Coordination with DFW to obtain 1602 Permit	4/01/13	9/01/13	153	5%	110	7	146																																																																																						
4.5	Coordination with State Water Board to obtain NPDES permit	7/01/13	11/01/13	123	5%	90	6	117																																																																																						
5	Development of a Project Monitoring Plan	10/01/14	4/01/15	183	0%	131	0	183																																																																																						
5.1	Project Commissioning	10/01/14	11/30/14	60	0%	43	0	60																																																																																						
5.2	Water Quality Monitoring	10/01/14	4/01/15	182	0%	131	0	182																																																																																						
5.3	Report Preparation	10/01/14	4/01/15	182	0%	131	0	182																																																																																						
6	Project Construction	3/01/14	10/01/14	215	0%	153	0	215																																																																																						
6.1	Equipment mobilization and installation of erosion control measures	3/01/14	4/01/14	31	0%	22	0	31																																																																																						
6.2	Site grading preparation work (Clearing, grubbing, and tree removal)	4/01/14	4/15/14	14	0%	11	0	14																																																																																						
6.3	Construction of storage ponds	4/15/14	10/01/14	169	0%	122	0	169																																																																																						
6.4	Sprayfield irrigation construction	6/01/14	10/01/14	122	0%	88	0	122																																																																																						
6.5	Sprayfield lift-station and transfer station construction	6/01/14	10/01/14	122	0%	88	0	122																																																																																						
6.6	Construction Administration (RFI and submittal review, project coordination, payment processing, etc.)	3/01/14	10/01/14	214	0%	153	0	214																																																																																						
7	Implementation of environmental mitigation or enhancement efforts	9/01/13	3/01/15	547	0%	390	0	547																																																																																						
7.1	Preparation of restoration plans, specifications, and cost estimates	9/01/13	11/30/13	90	0%	65	0	90																																																																																						
7.2	Project out to bid and Construction Contract Award	1/01/14	2/28/14	58	0%	43	0	58																																																																																						
7.3	Planting and installation of mitigation measures	3/01/14	3/01/15	365	0%	260	0	365																																																																																						
8	Project Grant Administration	10/01/13	10/01/15	731	0%	523	0	731																																																																																						
8.1	Progress Reporting	10/01/13	10/01/15	730	0%	523	0	730																																																																																						
8.2	Payment processing	4/01/14	10/01/15	548	0%	393	0	548																																																																																						

