

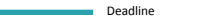
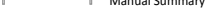
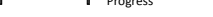
NPDES Permit Improvement Implementnation
July 7, 2017

ID	Task Mode	WBS	Task Name	Source	Ref	Plan Start	Plan End	Duration	Actual Start	Actual Finish	Predecessors	% Complete	Resource Names	ter	Nov	Dec	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter											
																	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	1		Communication			Thu 12/1/16	Thu 5/24/18	119 days	Thu 12/1/16	NA		36%	Katherine Benenati,Keith Andersen																				
2	1.1		Prepare Comm Plan	MWH	A1.9	Thu 12/1/16	Fri 4/28/17	10 days	Thu 12/1/16	NA		0%	Katherine Benenati,Keith Andersen																				
3	1.2		Engage EQC (Regulatory Role)	MWH	A1.8	Thu 12/1/16	Fri 4/28/17	15 days	Thu 4/20/17	NA		0%	Keith Andersen																				
4	1.3		EQC Permitting Workshop	DEQ		Thu 4/20/17	Thu 4/20/17	1 day	Thu 4/20/17	Thu 4/20/17		100%	Keith Andersen																				
5	1.4		Convene Stakeholder Bod	MWH	A1.6	Thu 12/1/16	Sat 4/1/17		Thu 12/1/16	NA		75%	Keith Andersen																				
6	1.5		Communicate Changing Role of DEQ	MWH	A1.4	Wed 2/1/17	Thu 5/31/18		Mon 2/13/17	NA		33%	Katherine Benenati																				
7	1.5.1		Internal Communication			Mon 5/1/17	Wed 5/31/17		NA	NA		0%																					
8	1.5.2		Stakeholder Communication			Mon 5/1/17	Wed 5/31/17	1 day	Tue 5/16/17	Tue 5/16/17		100%																					
9	1.5.3		Legislative/Executive Communication			Mon 5/1/17	Wed 5/31/17		NA	NA		0%																					
10	1.6		External Website Created			Tue 4/11/17	Fri 4/28/17	12 days	Thu 4/13/17	Fri 4/28/17		100%	Katherine Benenati,Keith Andersen,Melinda Mahoney																				
11	2		Readiness Review			NA	NA	308 days	Thu 12/1/16	NA		42%	Jeff Navarro																				
12	2.1		Inventory Permits	MWH	A4.2	NA	NA	45 days	Thu 12/1/16	Wed 2/1/17		100%	Jeff Navarro																				
13	2.2		Evaluate Readiness	MWH	A4.3	Fri 12/2/16	Thu 8/31/17	141 days	Thu 2/2/17	NA	12	30%	Jeff Navarro																				
14	2.3		Complie Facility Information - Internally	MWH	A2.3	Fri 12/2/16	Thu 8/31/17	121 days	Fri 12/2/16	NA	13	36%	Jeff Navarro																				
15	2.4		Verify Facility Information Externally	MWH	A2.3	NA	NA	1 day	NA	NA	14	0%	Jeff Navarro																				
16	3		Organization/Structure			Thu 12/1/16	Fri 12/29/17	188 days	Thu 12/1/16	NA		97%	Keith Andersen,Ron Doughten																				
17	3.1		Temporary FTE	MWH	A5.2	Thu 12/1/16	Fri 6/30/17		NA	NA		0%	Ron Doughten																				
18	3.2		Sunset BRC	MWH	A1.5	Wed 2/1/17	Wed 5/31/17	119 days	Thu 12/1/16	Tue 5/16/17		100%	Keith Andersen																				
19	3.3		Realign Work Tasks	MWH	A5.1	Wed 3/1/17	Thu 11/30/17		NA	NA		0%	Ron Doughten																				
20	3.4		Centralize Permit Authority	MWH	A1.3	Sun 10/1/17	Thu 11/30/17		NA	NA		0%	Keith Andersen																				
21	3.5		Add Temporary Resources	MWH	A5.3	Wed 11/1/17	Fri 12/29/17		NA	NA		0%	Ron Doughten																				
22	4		Tools			Mon 5/1/17	Fri 12/29/17	12 days	Thu 6/1/17	NA		0%	Ron Doughten																				
23	4.1		Renewal Checklist	MWH	A4.1	Mon 5/2/16	Thu 11/30/17	10 days	Thu 6/1/17	NA		0%																					
24	4.2		Prioritize IMD/Tool Upda	MWH	A4.1	Tue 5/2/17	Thu 11/30/17	12 days	Thu 6/1/17	NA		0%																					
25	4.3		Edit Permit Fact Sheet Template	MWH	A4.1	Fri 9/1/17	Thu 11/30/17	11 days	Thu 6/1/17	NA		0%																					
44	5		Value Stream Mapping (Current State)	MWH	A4.8	Mon 3/6/17	Fri 6/1/18	55 days	Mon 3/6/17	Fri 5/19/17		100%	Jeff Navarro																				
45	5.14		Update Process Maps			Sun 1/1/17	Fri 4/28/17	40 days	Mon 3/6/17	Fri 5/19/17		100%	Jeff Navarro																				
46	5.14.18		VSM Workshop			Mon 3/6/17	Wed 3/8/17	3 days	Mon 3/6/17	Wed 3/8/17		100%	Jeff Navarro																				
47	5.14.19		Rework of Maps Generated at VSM Workshop			Mon 3/27/17	Fri 4/14/17	25 days	Mon 3/27/17	Fri 4/28/17		100%	Jeff Navarro																				
48	5.14.20		Internal Review			Tue 4/11/17	Tue 4/18/17	14 days	Tue 4/11/17	Fri 4/28/17		100%	Jeff Navarro																				
49	5.14.21		Convert Maps to Swim Lanes			Wed 4/19/17	Fri 4/28/17	4 days	Mon 3/13/17	Thu 3/16/17		100%	Melinda Mahoney																				
50	5.14.22		Current State Maps Finalized			Wed 4/19/17	Fri 4/28/17	1 day	Fri 4/28/17	Fri 4/28/17		100%	Jeff Navarro																				
51	5.14.23		Review Process Maps w/EPA	MWH	A4.1	Wed 3/1/17	Wed 5/31/17	9 days	Tue 5/9/17	Fri 5/19/17		100%	Jeff Navarro																				
59	6		Cross Program Alignment			Mon 5/1/17	Fri 12/29/17		Fri 5/26/17	NA		0%	Ron Doughten																				
60	6.1		Permitting Flexibilities	MWH	A3.2	Mon 5/1/17	Fri 9/1/17		NA	NA		0%																					
61	6.2		Convene Stakeholders	MWH	A3.1	Mon 10/2/17	Fri 12/29/17		NA	NA		0%																					
62	6.7		Review/Interpret Current TMDL's			Fri 5/26/17	Fri 7/14/17		Fri 5/26/17	NA		0%	Rob Burkhardt																				
64	6.8		Beneficial Use Determination Process and Stewards			Fri 5/26/17	Mon 10/2/17		Fri 5/26/17	NA		0%	Steve Schnurbusch																				
63	6.9		303d Ownership and Process			Fri 5/26/17	Fri 12/1/17		Fri 5/26/17	NA		0%	Jennifer Wigal,Steve Schnurbusch																				
65	6.10		Efficient Process for Addressing Policy and Legal Issues			Fri 5/26/17	Fri 12/1/17		Fri 5/26/17	NA		0%	Jeff Navarro																				
66	6.11		Monitoring and Assessment Connection			Fri 5/26/17	Mon 10/2/17		Fri 5/26/17	NA		0%	Erich Brandstetter																				
67	7		Metrics			Mon 5/8/17	Fri 6/30/17		Mon 5/8/17	NA		0%	Keith Andersen,Ron Doughten																				
68	7.1		Institute Reporting Methods	MWH	A7.1	Mon 5/8/17	Fri 6/30/17		Mon 5/8/17	NA		0%																					
69	7.2		Identify Appropriate Audiences and Institute Progress Reporting	MWH	A7.2	Mon 5/8/17	Fri 6/30/17		Mon 5/8/17	NA		0%																					

Project: NPDES Improvement Pro Date: Mon 8/7/17	Task	Project Summary	Inactive Milestone	Manual Summary Rollup	Deadline
	Split	External Tasks	Inactive Summary	Manual Summary	Progress
	Milestone	External Milestone	Manual Task	Start-only	Manual Progress
	Summary	Inactive Task	Duration-only	Finish-only	

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70	🚀	7.3	Metrics Illustrating Compliance with Vision of DEQ/WQ/CWA	MWH	A7.3	Mon 5/8/17	Fri 6/30/17		NA	NA		0%					Jan	Apr	Jul	Oct	Jan	Apr
71	🚀	7.4	Update Performance Metrics	MWH	A1.2	Mon 5/8/17	Fri 6/30/17		NA	NA		0%					Feb	May	Aug	Nov	Feb	May
72	🚀	7.4.1	Organizational			Mon 5/8/17	Fri 6/30/17		NA	NA		0%					Mar	Jun	Sep	Dec	Mar	Jun
73	🚀	7.4.2	Individual			Mon 5/8/17	Fri 6/30/17		NA	NA		0%										
74	🚀	8	Data Bridging			Wed 3/1/17	Mon 7/31/17	167 days	Thu 3/16/17	NA		38%	Svetlana Lazarev									
75	🚀	8.1	Identify Data Needs	MWH	A4.2	Thu 3/16/17	Wed 5/31/17	32 days	Thu 3/16/17	Fri 4/28/17		100%	Svetlana Lazarev									
76	🚀	8.2	Execute Data Plan	MWH	A4.2	Thu 6/1/17	Fri 6/30/17	21 days	Thu 6/1/17	Thu 6/29/17	75	100%	Svetlana Lazarev									
77	🚀	8.3	Establish Temporary Data Systems	MWH	A4.5	Mon 7/3/17	Mon 7/31/17		Thu 7/6/17	NA	76	0%	Svetlana Lazarev									
78	🚀	9	Technical Assistance			Tue 4/18/17	Fri 12/29/17	176 days	Mon 5/22/17	NA		20%	Ron Doughten									
79	🚀	9.1	Define TA (Phase 1)	MWH	A2.6	Tue 4/18/17	Fri 9/29/17		Mon 5/22/17	NA		40%	Tim Caire									
80	🚀	9.2	Determining Community TA Needs/Gaps (Phase 2)	MWH	A2.7	Mon 10/2/17	Fri 12/29/17		NA	NA	79	0%										
81	🚀	10	Permit Issuance Planning			Mon 7/3/17	Fri 12/29/17		NA	NA		0%	Ron Doughten									
85	🚀		Update Templates			NA	NA		NA	NA		0%										
82	🚀	10.1	Develop Near-Term PIP	MWH	A4.2	Mon 7/3/17	Fri 9/29/17		NA	NA		0%										
83	🚀	10.2	Develop Backlog PIP	MWH	A4.2	Mon 10/2/17	Fri 12/29/17		NA	NA		0%										
84	🚀	10.3	Reallocate Renewals for 5 Years	MWH	A4.2	Mon 10/2/17	Fri 12/29/17		NA	NA		0%										
26	🚀	11	Update Templates for Futu	DEQ		Mon 4/10/17	Thu 11/30/17	60 days	Mon 4/10/17	NA		85%	Steve Schnurbusch									
30	🚀		Application From			Fri 5/26/17	Thu 11/30/17		Fri 5/26/17	NA		0%	Erich Brandstetter									
31	🚀	11.1	Permit Templates			Fri 5/26/17	Thu 11/30/17		Fri 5/26/17	NA		0%	Dave Feldman									
27	🚀	11.5	Research IMD Compliance Schedules			Mon 4/10/17	Wed 5/31/17	60 days	Mon 4/10/17	Fri 6/30/17		100%	Rob Burkhardt									
28	🚀	11.6	Guidance Document - Compliance Schedules			Mon 5/15/17	Thu 11/30/17		NA	NA		0%	Rob Burkhardt									
29	🚀	11.7	Training - Compliance Schedules			Thu 6/1/17	Fri 12/29/17		NA	NA		0%	Ron Doughten									
32	🚀	11.8	Application Letter Template			Fri 5/26/17	Thu 11/30/17		Fri 5/26/17	NA		0%	William Knight									
41	🚀	11.9	Fact Sheet Template			Fri 5/26/17	Thu 11/30/17		Fri 5/26/17	NA		0%	Steve Schnurbusch									
36	🚀	11.10	OpCert in manual (when and how worksheet works)			Fri 5/26/17	Thu 11/30/17	22 days	Thu 6/1/17	Fri 6/30/17		100%	Tiffany Yelton-Bram									
35	🚀	11.11	Compliance Schedules			Fri 5/26/17	Thu 11/30/17		Fri 5/26/17	NA		0%										
34	🚀	11.12	MDV's and Variances (Including IMD - Short Term)			Fri 5/26/17	Thu 11/30/17		Fri 5/26/17	NA		0%	Spencer Bohaboy									
33	🚀	11.13	Water Quality Trading (Including IMD)			Fri 5/26/17	Thu 11/30/17		Fri 5/26/17	NA		0%	Ron Doughten									
40	🚀	11.14	Public Notice Template and Process			Fri 5/26/17	Thu 11/30/17		Fri 5/26/17	NA		0%	William Knight									
39	🚀	11.15	LUCS Added to State Form R			Fri 5/26/17	Thu 11/30/17		NA	NA		0%	Erich Brandstetter									
38	🚀	11.16	Revise Schedule D and Permit Cover Language RE: Wastewater Operator Certification)			Fri 5/26/17	Thu 11/30/17		Fri 5/26/17	NA		0%	Tiffany Yelton-Bram									
37	🚀	11.17	Library of Response to Public Comments (Linked to Public Notice and QA Review)			Fri 5/26/17	Thu 11/30/17		Fri 5/26/17	NA		0%	Jeff Linzer									
42	🚀	11.21	Total Dissolved Solids Policy			Mon 4/10/17	Thu 11/30/17		Mon 4/10/17	NA		0%	Steve Schnurbusch									
43	🚀	11.22	Policy on Temperature			Mon 4/10/17	NA		Mon 4/10/17	NA		0%	Rob Burkhardt									
52	🚀	12	Value Stream Mapping (Future State)			Mon 4/10/17	Fri 9/29/17	44 days	Mon 4/10/17	NA		0%										
53	🚀	12.1	QA Process and Handoffs			Mon 4/10/17	NA		Mon 4/10/17	NA		0%	Jeff Linzer									
54	🚀	12.2	Work w/Consultants (Business Analysis)	EDMS		Mon 4/24/17	Fri 5/26/17		Thu 5/4/17	NA	45	0%	Steve Schnurbusch									
55	🚀	12.3	Remedy Process Inefficiencies/Roadblocks	MWH	A4.1	Wed 3/1/17	Sat 9/30/17		Mon 6/5/17	NA	51	5%	Jeff Navarro									
56	🚀	12.4	Supplement/Replace Processes	MWH	A4.9	Wed 3/1/17	Fri 12/29/17		NA	NA	55	0%	Jeff Navarro									
57	🚀	12.5	Implement New Process Maps Including Training	MWH	A4.1	Sat 4/1/17	Fri 6/30/17		NA	NA	56	0%	Jeff Navarro									
58	🚀	12.6	Engage EPA and Stakeholders to Assist w/Process Inefficiencies	MWH	A1.7	Sat 4/1/17	Fri 9/29/17		NA	NA	57	0%										

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