
SSO 700 Integrated Watershed Action Plan Progress Report No. 5 May 2015

PREPARED FOR: Metropolitan Sewer District of Greater Cincinnati
PREPARED BY: Frank Duran
DATE: June 17, 2015
PROJECT NUMBER: MSDGC: 11140010
CH2M: 498759

Purpose: The purpose of this report is to document the progress of the SSO 700 Integrated Watershed Action Plan (IWAP) from **April 25, 2015** through **May 29, 2015**. For each task, a summary of work performed during the reporting period and the work planned for the upcoming reporting period are presented. A discussion of the project schedule and outstanding project issues is also presented.

Overview: This reporting period for the SSO 700 IWAP captures the execution of additional political jurisdiction meetings; the submission of the final draft *Watershed Site Conditions Technical Memorandum*; the authorization to commence the Water Quality Data Collection Program; the submission of the final *Watershed Water Quality Models Gap Analysis and Update Assessment Technical Memorandum*; and the submittal of a detailed scope of work and level of effort to recalibrate the collection system hydraulic model.

At this time, three issues have the potential to negatively affect project schedule or progress: (1) scheduling of meetings with political jurisdictions, (2) agreement on the scope of work and level of effort for the collection system model recalibration task, and (3) determination of the funding mechanism for the remaining IWAP Phase 1 tasks, in particular the Water Quality Model Development task and Hydraulic Model Development task. The project is now approximately three weeks behind schedule; however, once the water quality model and hydraulic model development tasks are authorized, a schedule correction plan will be developed to achieve the original project schedule milestones.

Section 1 - Work Progress

This section summarizes project progress by CH2M during the reporting period and identifies work planned for the upcoming reporting period by task as listed in the Contract scope of work. A log of project deliverables is attached at the end of this progress report.

Task 1.0: Project Administration

1.1 Project Management

Work completed during the reporting period:

- Submission of April 2015 progress report.

Work planned for the upcoming reporting period:

- Submission of May 2015 progress report.
- Amendment to Work Order to fully fund Task 2.5 Water Quality Data Collection Program

1.2 Project Meetings

Work completed during the reporting period:

- Political jurisdiction meeting was held with City of Blue Ash on May 11th.
- Political jurisdiction meeting was held with City of Springdale on May 22nd.
- Submission of final meeting summary for political jurisdiction meeting with Village of Woodlawn.
- April progress meeting held on April 27th.
- Submission of final meeting summary for April project progress meeting.

Work planned for the upcoming reporting period:

- Submission of final meeting summary for political jurisdiction meeting with City of Blue Ash.
- Submission of final meeting summary for political jurisdiction meeting with City of Springdale.
- Additional meetings with political jurisdictions will be scheduled and held.
- Hold June project progress meeting on June 15th
- Hold collection system hydraulic model recalibration scope of work/level of effort review meeting on June 22nd.
- Submission of final meeting summary for collection system hydraulic model recalibration scope of work/level of effort review meeting
- Hold Steering Committee meeting on June 12th
- Submission of final meeting summary for Steering Committee meeting to be held on June 12th

1.3 Quality Assurance and Quality Control

Initial planned work under this task is complete. Update of the QA/QC plan will occur as project conditions warrant.

1.4 Risk Management

Initial planned work under this task is complete. Update of the Risk Management Plan will occur as project conditions warrant.

1.5 Schedule

Work completed during the reporting period:

- Progress schedule was developed and submitted with the April progress report.

Work planned for the upcoming reporting period:

- Development of monthly progress schedule.

Task 2.0: Watershed and Source Characterization

2.1 Watershed Selection and Delineation

Task Complete.

2.2 Data Collection

Task is complete other than perhaps some remaining miscellaneous data collection efforts.

2.3 Site Visits

Work completed during the reporting period:

- Completion and submission on May 19th of draft *Watershed Site Conditions Technical Memorandum* for review by MSDGC and County.

Work planned for the upcoming reporting period:

- Completion and submission of final *Watershed Site Conditions Technical Memorandum* upon receipt of comments from MSDGC and Hamilton County.

2.4 Inventory and Gap Analysis

Work completed during the reporting period:

- No work completed under this task.

Work planned for the upcoming reporting period:

- Completion and submission of final *Inventory and Gap Analysis Technical Memorandum* once final data is received from political jurisdictions per the political jurisdiction meetings.

2.5 Water Quality Data Collection Program

Work completed during the reporting period:

- Submission of final meeting summary for April 14th meeting with MSDGC laboratory and sampling staff.
- Presentation on April 27th of draft detailed scope of work and level of effort for Water Quality Data Collection Program to support the development of water quality model(s).
- Authorization from County and MSDGC to proceed with the initial tasks of the Water Quality Data Collection Program
- Developed Quality Assurance Project Plan (QAPP), Sampling Plan, and Health and Safety Plan for the Water Quality Data Collection Program

Work planned for the upcoming reporting period:

- Submit final draft versions of the Quality Assurance Project Plan (QAPP) and Sampling Plan to MSDGC and Hamilton County for review and comment.
- Finalize the Water Quality Data Collection Program Health and Safety Plan
- Perform initial dry and/or wet weather sampling event as conditions warrant

2.6 Watershed Water Quality Models Update & Development

Work completed during the reporting period:

- Presentation of previously submitted draft detailed scope of work and level of effort for Water Quality Model Development task on April 27th.
- Submission of final *Watershed Water Quality Models Gap Analysis and Update Assessment Technical Memorandum* on May 18th.
- Submission of information submittal *Watershed and Surface Water Quality Model Calibration Approach* on May 18th.

Work planned for the upcoming reporting period:

- Receive authorization from County and MSDGC to proceed with the Water Quality Model Development task.

2.7 Hydraulic Model Update & Development

Work completed during the reporting period:

- Received authorization on May 8th to prepare detailed scope of work and level of effort to recalibrate the collection system hydraulic model.
- Development and submittal on May 28th of the draft detailed scope of work and level of effort for the collection system hydraulic model recalibration task to support the IWAP.

Work planned for the upcoming reporting period:

- Submission of final *Watershed Collection System Hydraulic Models Gap Analysis and Update Assessment Technical Memorandum* (final draft version dated April 20th) upon receipt of comments from MSDGC and County.
- Achieve agreement among the project team members on the method of model calibration for this project.
- Receive authorization from County and MSDGC to proceed with the Hydraulic Model Recalibration and Development task.

Task 3.0: Identify Pollution Sources & Use Tools to Evaluate Collection System Response & Waterway Response

This task shall be funded and authorized through a task order modification.

Task 4.0: Summary Report

This task shall be funded and authorized through a task order modification.

Section 2 - Schedule

Attached to this progress report are three schedules representing the progress of the IWAP. The first schedule presents only the progress of the critical path tasks. The second schedule presents a high level overview of all the project tasks. The third schedule presents the latest project schedule by each detailed task with the progress of the work by task shown versus the baseline schedule.

In the previous progress report, the two main critical path tasks under IWAP Project Phase 1 Task 2 were the Water Quality Data Collection Program (Task 2.5) and the Water Quality Model Development (Task 2.6). Each of these critical path tasks were predecessor tasks to the third IWAP Project Phase 1 critical path task, Task 3 – Identify Pollution Sources and Evaluate System Response, scheduled to be completed on January 31, 2016.

Under the revised progress schedule included herein, there has been a change in the critical path for the project schedule. Task 2.5, Water Quality Data Collection Program, is no longer on the critical path since it has been fully funded and authorized by MSDGC and the County. However, there are still two main critical path tasks under IWAP Project Phase 1 Task 2, Water Quality Model Development (Task 2.6) and Hydraulic Model Development (Task 2.7), which are impacting the third IWAP Project Phase 1 critical path task, Task 3 – Identify Pollution Sources and Evaluate System Response, now scheduled to be completed on February 22, 2016, a twenty-two day delay from the previously submitted progress schedule. This is occurring for two main reasons: (1) delay in the funding and authorization of Task 2.6

Water Quality Model Development and (2) the need to achieve agreement to the scope of work and level of effort for hydraulic model recalibration and delay in the funding and authorization of Task 2.7 Hydraulic Model Development. For Task 2.6, MSDGC is actively pursuing a strategy to obtain funding and authorization. For Task 2.7, the team is planning on achieving agreement with the collection system model recalibration scope of work and level of effort at the upcoming June 22nd review meeting. Once agreement is obtained, then a funding mechanism and authorization for the rest of Task 2.7 can be pursued. At this time, the consultant team believes that the original IWAP Phase 1 schedule can be achieved if these items can be corrected soon. Once a clearer understanding of when authorization for these two model development tasks is obtained, then the consultant team will develop a schedule correction plan to place the IWAP project back on its original schedule.

Also, the schedule for a few non-critical path tasks have been adjusted in response to the scheduling of the meetings with political jurisdictions. Political jurisdiction meetings are estimated to be completed by the end of July. The political jurisdiction meetings are a predecessor to the completion of the Task 2.4 deliverable, *Data Inventory and Gap Analysis Technical Memorandum*, which is now estimated to be completed at this same time.

Section 3 – Project Issues

Three project issues have the potential to impede project progress and negatively impact project schedule:

1. Scheduling of meetings with political jurisdictions
2. Agreement on the scope of work and level of effort for the collection system hydraulic model recalibration task
3. Determination of a funding mechanism for the remaining IWAP Phase 1 tasks, especially in the short-term, the Water Quality Model Development task and Hydraulic Model Development task

Scheduling of the meetings with political jurisdictions has begun and must be persistently pursued to achieve project goals. Discussions amongst the project team, MSDGC, and Hamilton County on the hydraulic model calibration method continue. A final decision on the agreed upon methodology is anticipated at the upcoming June 22nd review meeting. Finally, due to the urgency to begin the Water Quality Model Development task and the Hydraulic Model Development task, a final determination of the funding mechanism for these tasks, as well as the remaining IWAP Phase 1 tasks, must be made relatively quickly by MSDGC and the County to maintain project schedule.

No other project issues have been identified at this time.



**MSDGC-Hamilton County
SSO 700 IWAP
Project Nos. 11140010 , 498759**



Project Deliverable Log as of 6/17/2015

TASK NO.	TASK NAME	DELIVERABLE TYPE	DELIVERABLE NAME	ORIGINAL SUBMITTED DATE	STATUS	FINAL VERSION DATE	COMMENT	
Task 1 - Project Administration								
1.1	Project Management	Major Submittal	Schedule	Baseline Schedule	1/15/2015	Final	2/2/2015	
1.1	Project Management	Informational	Progress Report and Schedule	Progress Report No. 1, January 2015	2/5/2015	Final	2/5/2015	Format of progress report accepted by MSDGC.
1.1	Project Management	Informational	Progress Report and Schedule	Progress Report No. 2, February 2015	3/18/2015	Final	3/18/2015	
1.1	Project Management	Informational	Progress Report and Schedule	Progress Report No. 3, March 2015	4/8/2015	Final	4/8/2015	
1.1	Project Management	Informational	Progress Report and Schedule	Progress Report No. 4, April 2015	5/8/2015	Final	5/8/2015	
1.1	Project Management	Major Submittal	Plan	Project Management Plan, including Quality Control Document and Risk Register	3/5/2015	Final	4/3/2015	To be updated only as warranted after first draft is approved.
1.2	Project Meetings	Informational	Meeting Summary	Chartering Meeting Summary 12/17/2014	1/6/2015	Final	1/6/2015	
1.2	Project Meetings	Minor Submittal	Charter	Project Charter	2/19/2015	Final	4/3/2015	
1.2	Project Meetings	Informational	Meeting Summary	Progress Meeting Summary 2/19/2015	2/24/2015	Final	2/24/2015	
1.2	Project Meetings	Informational	Meeting Summary	Progress Meeting Summary 3/19/2015	3/30/2015	Final	3/30/2015	
1.2	Project Meetings	Informational	Meeting Summary	Progress Meeting Summary 4/27/2015	5/6/2015	Final	5/6/2015	
1.2	Project Meetings	Informational	Meeting Summary	Steering Committee Meeting Summary 2/11/2015	2/16/2015	Final	2/16/2015	
1.2	Project Meetings	Informational	Meeting Summary	Steering Committee Meeting Summary 6/12/2015				
1.2	Jurisdictional Meetings	Informational	Meeting Summary	City of Reading Meeting Summary 3/18/2015	4/2/2015	Final	4/2/2015	
1.2	Jurisdictional Meetings	Informational	Meeting Summary	City of Sharonville Meeting Summary 4/8/2015	4/21/2015	Final	4/21/2015	
1.2	Jurisdictional Meetings	Informational	Meeting Summary	Village of Woodlawn Meeting Summary 4/15/2015	4/30/2015	Final	4/30/2015	
1.2	Jurisdictional Meetings	Informational	Meeting Summary	City of Blue Ash Meeting Summary 5/11/2015				
1.2	Jurisdictional Meetings	Informational	Meeting Summary	City of Springdale Meeting Summary 5/22/2015				
1.3	Quality Assurance and Quality Control	Major Submittal	Plan	Quality Control Document (included as part of PMP)	3/5/2015	Final	4/3/2015	
1.4	Risk Management	Major Submittal	Plan	Risk Management Plan (Risk Register), (included as part of PMP)	3/5/2015	Final	4/3/2015	Risk register discussed at 3/19 progress meeting.
Task 2 - Watershed and Source Characterization								
2.1	Watershed Selection and Delineation	Major Submittal	Shapefile	SSO700_IWAP_StudyAreaBoundary.shp	1/30/2015	Final	1/30/2015	
2.1	Watershed Selection and Delineation	Major Submittal	Shapefile	EBMC_Sewershed.shp	1/30/2015	Final	1/30/2015	
2.1	Watershed Selection and Delineation	Major Submittal	Shapefile	EBMC_Watershed.shp	1/30/2015	Final	1/30/2015	May be further refined based on additional storm data received.
2.1	Watershed Selection and Delineation	Informational	Technical Memorandum	SSO 700 Integrated Watershed Action Plan Study Area Boundary Development	1/30/2015	Final	1/30/2015	Unofficial submittal; to be included with Data Inventory TM; comments received to be included with Data Inventory TM
2.2	Data Collection	Major Submittal	Technical Memorandum	SSO 700 Watershed Data Request	8/26/2014	Update as required	Latest version 12/12/2014	
2.3	Site Visits	Major Submittal	Technical Memorandum	Watershed Site Conditions TM	5/19/2015	Final Draft		
2.4	Inventory and Gap Analysis	Informational	Technical Memorandum Draft Outline	Inventory and Gap Analysis Draft Outline	2/10/2015	Comments Received	NA	Comments will be addressed in draft Tech Memo
2.4	Inventory and Gap Analysis	Major Submittal	Technical Memorandum	Inventory and Gap Analysis	draft 3/9/2015	Updating per comments received; awaiting completion of political jurisdictional meetings.		
2.5	Water Quality Data Collection Program	Major Submittal	Technical Memorandum	Water Quality Data Collection Program Detailed SOW/LOE	4/17/2015	Final		Received authorization on 4/27/15 to begin initial documentation required for the Water Quality Sampling Program based on this TM; became Exh. C for WO Mod No. 1
2.5	Water Quality Data Collection Program	Informational	Meeting Summary	MSDGC Lab and Sampling Group Meeting Summary 4/14/2015	4/30/2015	Final	4/30/2015	
2.5	Water Quality Data Collection Program	Major Submittal	Plan	Quality Assurance Project Plan (QAPP)	6/3/2015	Final Draft		
2.5	Water Quality Data Collection Program	Major Submittal	Plan	Sampling and Analysis Plan	6/3/2015	Final Draft		



**MSDGC-Hamilton County
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Project Deliverable Log as of 6/17/2015

TASK NO.	TASK NAME	DELIVERABLE TYPE	DELIVERABLE NAME	ORIGINAL SUBMITTED DATE	STATUS	FINAL VERSION DATE	COMMENT
2.5	Water Quality Data Collection Program	Informational	Plan	Health and Safety Plan			
2.6.1	Existing Watershed Water Quality Models Assessment	Informational	Technical Memorandum Draft Outline	Watershed Water Quality Models Gap Analysis and Update Assessment Draft Outline	2/10/2015		Comments Received
2.6.1	Existing Watershed Water Quality Models Assessment	Major Submittal	Technical Memorandum	Watershed Water Quality Models Gap Analysis and Update Assessment	3/12/2015		Final
2.6.1	Existing Watershed Water Quality Models Assessment	Informational	Meeting Summary	Meeting Summary for Water Quality Framework Meeting 3/19/2015	3/30/2015		Final
2.6.1	Existing Watershed Water Quality Models Assessment	Informational	Meeting Summary	Meeting Summary for Water Quality Sampling Program and Model Development Meeting 4/27/2015	5/6/2015		Final
2.6.2	Watershed Water Quality Models Development	Major Submittal	Technical Memorandum	Water Quality Model Development Detailed SOW/LOE	4/17/2015		Final Draft
2.6.2	Watershed Water Quality Models Development	Informational	Technical Memorandum	Watershed and Surface Water Quality Model Calibration Approach TM	5/18/2015		Final
2.7.1	Existing Hydraulic Model Assessment	Informational	Meeting Summary	Meeting Summary for Model Validation and Calibration Meeting 1/13/2015	1/20/2015		Final
2.7.1	Existing Hydraulic Model Assessment	Informational	Technical Memorandum Draft Outline	Watershed Collection System Hydraulic Models Gap Analysis and Update Assessment Draft Outline	2/10/2015		Comments Received
2.7.1	Existing Hydraulic Model Assessment	Minor Submittal	Technical Memorandum	Hydraulic Model Validation Period Selection	2/27/2015		Final
2.7.1	Existing Hydraulic Model Assessment	Informational	Meeting Summary	Meeting Summary for Model Calibration Meeting 3/9/2015	3/16/2015		Final
2.7.1	Existing Hydraulic Model Assessment	Major Submittal	Technical Memorandum	Watershed Collection System Hydraulic Models Gap Analysis and Update Assessment	4/20/2015		Final Draft
2.7.2	Hydraulic Model Development		Task Scope and Level of Effort	Hydraulic Model Development SOW/LOE	5/28/2015		Final Draft
2.7.3	Flow Monitoring Data Collection Program (OPTIONAL TASK)		Task Scope and Level of Effort	Detailed scope of work and level of effort - if required			

Comments will be addressed in Watershed Collection System Hydraulic Models Gap Analysis and Update Assessment TM. Approval to proceed with model validation received on 3/9/2015.

Activity ID	Activity Name	Remaining Duration	Str	2015				2016				2017				2018			
				Q4	Q1	Q2	Q3												
498759	SSO 700 Watershed Integrated Watershed Action Plan	1150	28																
498759.2	Watershed and Source Characterization	210	2																
498759.2.6	Watershed Water Quality Model Development	140	0																
A2180	Develop Updated WQ Model	140	0																
498759.2.7	Watershed Hydraulic Model Development	165	2																
498759.2.7.1	Watershed Hydraulic Model Assessment	165	2																
498759.2.7.1.1	Watershed Hydraulic Model Assessment	165	2																
A2230	MSDGC/County Approve Hydraulic Model Plan	25	2																
A2240	Develop Updated Hydraulic Model	140	2																
498759.3	Identify Pollution Sources and Evaluate System Resonse	60	2																
A3000	Identify Pollution Sources and Evaluate System Response	60	25																
498759.5	Prepare Draft Integrated Watershed Action Plan	515	2																
A4550	Potential Projects Identification and Selection	300	2																
A4570	Final Project Suite Selection	120	1																
A4580	Finalize Plan and Seek BOCC Approval	90	1																
A5410	Submittal to Regulators	5	1																
498759.6	Regulatory Review and Approval	365	2																
A5420	Regulatory Review and Approval	365	2																

Primary Baseline
 Remaining Work
 Actual Work
 Critical Remaining Work
 Milestone
 Summary

Activity ID	Activity Name	2015				2016				2017				2018			
		Q4	Q1	Q2	Q3												
498759 SSO 700 Watershed Integrated Watershed Action Plan		▼															
498759.1 Project Administration		▼															
498759.1.1 Project Management		■															
498759.1.2 Project Meetings		▼															
498759.1.2.0 Kickoff Meeting		▼															
498759.1.2.1 Monthly Status Meetings		■															
498759.1.2.2 Jurisdictional Meetings		■															
498759.1.2.3 Stakeholder Steering Committee Meeting		■															
498759.1.2.4 Regulatory Meetings		■															
498759.1.3 QA/QC		■															
498759.1.4 Risk Management		■															
498759.2 Watershed and Source Characterization		▼															
498759.2.1 Watershed Selection and Delineation		■															
498759.2.2 Data Collection		■															
498759.2.3 Site Visits		■															
498759.2.4 Inventory and Gap Analysis		■															
498759.2.5 Water Quality Data Collection Program		■															
498759.2.6 Watershed Water Quality Model Development		■															
498759.2.7 Watershed Hydraulic Model Development		■															
498759.3 Identify Pollution Sources and Evaluate System Resonse		■															
498759.4 Summary Report		■															
498759.5 Prepare Draft Integrated Watershed Action Plan		▼															
A4560	Cost Estimating	■															
A4550	Potential Projects Identification and Selection	■															
A4570	Final Project Suite Selection	■															
A4580	Finalize Plan and Seek BOCC Approval	■															
A5410	Submittal to Regulators	■															
498759.6 Regulatory Review and Approval		■															

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

Activity ID	Activity Name	Physical % Complete	Remaining Duration	Start	Finish	Predecessors	Total Float	2015												2016					
								Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
498759 SSO 700 Watershed Integrated Watershed Action Plan								1150 09-Dec-14 A 21-Jul-18 0																	
498759.1 Project Administration								278 09-Dec-14 A 01-Mar-16 872																	
498759.1.1 Project Management								0 18-Dec-14 A 03-Apr-15 A																	
A1000	Develop and Submit Project Management Plan	100%	0	18-Dec-14 A	05-Mar-15 A	A1030, A1060, A1100		Develop and Submit Project Management Plan																	
A1010	MSDGC/County Review of PMP	100%	0	05-Mar-15 A	16-Mar-15 A	A1000		MSDGC/County Review of PMP																	
A1020	Finish and Submit PMP	100%	0	17-Mar-15 A	03-Apr-15 A	A1010, A1050, A1080		Finish and Submit PMP																	
498759.1.2 Project Meetings								278 09-Dec-14 A 01-Mar-16 872																	
498759.1.2.0 Kickoff Meeting								0 09-Dec-14 A 05-Jan-15 A																	
A1100	Kickoff Meeting	100%	0	09-Dec-14 A	09-Dec-14 A			Kickoff Meeting																	
A1110	Prepare and Submit Meeting Summary	100%	0	18-Dec-14 A	24-Dec-14 A	A1100		Prepare and Submit Meeting Summary																	
A1120	MSDGC/County Review Meeting Summary	100%	0	25-Dec-14 A	31-Dec-14 A	A1110		MSDGC/County Review Meeting Summary																	
A1130	Finish and Submit Meeting Summary	100%	0	01-Jan-15 A	05-Jan-15 A	A1120		Finish and Submit Meeting Summary																	
498759.1.2.1 Monthly Status Meetings								246 19-Feb-15 A 15-Feb-16 887																	
498759.1.2.1.2 Feb 2015								0 19-Feb-15 A 06-Mar-15 A																	
A4070	Meeting	100%	0	19-Feb-15 A	19-Feb-15 A			Meeting																	
A4080	Prepare and Submit Meeting Summary	100%	0	20-Feb-15 A	24-Feb-15 A	A4070		Prepare and Submit Meeting Summary																	
A4090	MSDGC/County Review Meeting Summary	100%	0	24-Feb-15 A	06-Mar-15 A	A4080		MSDGC/County Review Meeting Summary																	
A4100	Finish and Submit Meeting Summary	100%	0	06-Mar-15 A	06-Mar-15 A	A4090		Finish and Submit Meeting Summary																	
498759.1.2.1.3 Mar 2015								0 19-Mar-15 A 07-Apr-15 A																	
A4110	Meeting	100%	0	19-Mar-15 A	19-Mar-15 A			Meeting																	
A4120	Prepare and Submit Meeting Summary	100%	0	20-Mar-15 A	26-Mar-15 A	A4110		Prepare and Submit Meeting Summary																	
A4130	MSDGC/County Review Meeting Summary	100%	0	27-Mar-15 A	02-Apr-15 A	A4120		MSDGC/County Review Meeting Summary																	
A4140	Finish and Submit Meeting Summary	100%	0	03-Apr-15 A	07-Apr-15 A	A4130		Finish and Submit Meeting Summary																	
498759.1.2.1.4 Apr 2015								0 27-Apr-15 A 17-May-15 A																	
A4150	Meeting	100%	0	27-Apr-15 A	27-Apr-15 A			Meeting																	
A4160	Prepare and Submit Meeting Summary	100%	0	28-Apr-15 A	06-May-15 A	A4150		Prepare and Submit Meeting Summary																	
A4170	MSDGC/County Review Meeting Summary	100%	0	06-May-15 A	12-May-15 A	A4160		MSDGC/County Review Meeting Summary																	
A4180	Finish and Submit Meeting Summary	100%	0	13-May-15 A	17-May-15 A	A4170		Finish and Submit Meeting Summary																	
498759.1.2.1.6 June 2015								20 15-Jun-15 04-Jul-15 1113																	
A4230	Meeting	0%	1	15-Jun-15*	15-Jun-15		1113	Meeting																	
A4240	Prepare and Submit Meeting Summary	0%	7	16-Jun-15	22-Jun-15	A4230	1113	Prepare and Submit Meeting Summary																	
A4250	MSDGC/County Review Meeting Summary	0%	7	23-Jun-15	29-Jun-15	A4240	1113	MSDGC/County Review Meeting Summary																	
A4260	Finish and Submit Meeting Summary	0%	5	30-Jun-15	04-Jul-15	A4250	1113	Finish and Submit Meeting Summary																	
498759.1.2.1.7 July 2015								20 22-Jul-15 10-Aug-15 1076																	
A4270	Meeting - Date TBD	0%	1	22-Jul-15*	22-Jul-15		1076	Meeting - Date TBD																	
A4280	Prepare and Submit Meeting Summary	0%	7	23-Jul-15	29-Jul-15	A4270	1076	Prepare and Submit Meeting Summary																	
A4290	MSDGC/County Review Meeting Summary	0%	7	30-Jul-15	05-Aug-15	A4280	1076	MSDGC/County Review Meeting Summary																	
A4300	Finish and Submit Meeting Summary	0%	5	06-Aug-15	10-Aug-15	A4290	1076	Finish and Submit Meeting Summary																	
498759.1.2.1.8 Aug 2015								20 26-Aug-15 14-Sep-15 1041																	
A4310	Meeting - Date TBD	0%	1	26-Aug-15*	26-Aug-15		1041	Meeting - Date TBD																	
A4320	Prepare and Submit Meeting Summary	0%	7	27-Aug-15	02-Sep-15	A4310	1041	Prepare and Submit Meeting Summary																	
A4330	MSDGC/County Review Meeting Summary	0%	7	03-Sep-15	09-Sep-15	A4320	1041	MSDGC/County Review Meeting Summary																	
A4340	Finish and Submit Meeting Summary	0%	5	10-Sep-15	14-Sep-15	A4330	1041	Finish and Submit Meeting Summary																	
498759.1.2.1.9 Sep 2015								20 23-Sep-15 12-Oct-15 1013																	
A4350	Meeting - Date TBD	0%	1	23-Sep-15*	23-Sep-15		1013	Meeting - Date TBD																	
A4360	Prepare and Submit Meeting Summary	0%	7	24-Sep-15	30-Sep-15	A4350	1013	Prepare and Submit Meeting Summary																	
A4370	MSDGC/County Review Meeting Summary	0%	7	01-Oct-15	07-Oct-15	A4360	1013	MSDGC/County Review Meeting Summary																	
A4380	Finish and Submit Meeting Summary	0%	5	08-Oct-15	12-Oct-15	A4370	1013	Finish and Submit Meeting Summary																	
498759.1.2.1.10 Oct 2015								20 28-Oct-15 16-Nov-15 978																	
A4390	Meeting - Date TBD	0%	1	28-Oct-15*	28-Oct-15		978	Meeting - Date TBD																	
A4400	Prepare and Submit Meeting Summary	0%	7	29-Oct-15	04-Nov-15	A4390	978	Prepare and Submit Meeting Summary																	
A4410	MSDGC/County Review Meeting Summary	0%	7	05-Nov-15	11-Nov-15	A4400	978	MSDGC/County Review Meeting Summary																	
A4420	Finish and Submit Meeting Summary	0%	5	12-Nov-15	16-Nov-15	A4410	978	Finish and Submit Meeting Summary																	
498759.1.2.1.11 Nov 2015								20 25-Nov-15 14-Dec-15 950																	
A4430	Meeting - Date TBD	0%	1	25-Nov-15*	25-Nov-15		950	Meeting - Date TBD																	
A4440	Prepare and Submit Meeting Summary	0%	7	26-Nov-15	02-Dec-15	A4430	950	Prepare and Submit Meeting Summary																	
A4450	MSDGC/County Review Meeting Summary	0%	7	03-Dec-15	09-Dec-15	A4440	950	MSDGC/County Review Meeting Summary																	
A4460	Finish and Submit Meeting Summary	0%	5	10-Dec-15	14-Dec-15	A4450	950	Finish and Submit Meeting Summary																	

█ Actual Work █ Critical Remaining Work Summary
█ Remaining Work ◆ Milestone Primary Baseline

