

Quarterly Progress Report

FY 17 Q 4

Entity: TWRI

Contract No: 582-14-41167

Project Name: Brownsville/Resaca Characterization

Date Submitted: 10/2/17

Contractor Project Manager: Jaime Flores

Approval Signature Jaime Flores Date 10/23/17

TCEQ Project Manager: Tim Cawthon

Approval* Signature _____ Date _____

* The TCEQ Project Manager's signature indicates that the QPR is accepted as a project deliverable and also authorizes any changes in deliverable due dates requested in the Deliverables sheet. Approved due date changes should be inserted in the "Current Due Date" column in the next QPR.

QPRs are due to the TCEQ Project Manager by the 15th of the month following each fiscal quarter. Specifically these dates are December 15th, March 15th, June 15th, and September 15th. Fill out appropriate areas and email the Excel workbook to the TCEQ Project Manager. The TCEQ Project Manager will review and either: 1) Approve, sign and date, and e-mail a scanned copy of the approved QPR to the contractor or 2) send back with comments. Once comments have been addressed and a final version is approved, the TCEQ Project Manager will send a signed version of the QPR to the contractor. The Contractor Project Manager must then print the signed version of the QPR and sign and date the cover page. Once signed, the entire QPR must be scanned and sent by e-mail to the TCEQ Project Manager along with the final Excel document.

If a deliverable is or will be late, a new due date must be proposed. If this is the case, a justification describing the circumstances necessitating the new due date must be provided.

ID#	Sub Task #	Deliverable	Current Due Date	Date Sent	Discussion of Progress Last Quarter (Delete info from prior QPRs, and leave blank if no progress occurred)	Proposed New Due Date
2054	1.2	QPR (FY14Q3)	06/15/14	06/17/14		
2055	1.2	QPR (FY14Q4)	09/15/14	09/15/14		
2056	1.2	QPR (FY15Q1)	12/15/14	12/15/14		
2057	1.2	QPR (FY15Q2)	03/15/15	03/15/15		
2058	1.2	QPR (FY15Q3)	06/15/15	06/12/15		
2059	1.2	QPR (FY15Q4)	09/15/15	09/15/15		
2060	1.2	QPR (FY16Q1)	12/15/15	12/15/15		
2061	1.2	QPR (FY16Q2)	03/15/16	03/15/16		
2062	1.2	QPR (FY16Q3)	06/15/16	06/27/16		
2063	1.2	QPR (FY16Q4)	09/15/16	09/14/16		
2064	1.2	QPR (FY17Q1)	12/15/16	12/19/16		
6132	1.2	QPR (FY17Q2)	03/15/17	03/21/17		
6133	1.2	QPR (FY17Q3)	06/15/17	06/19/17		
6134	1.2	QPR (FY17Q4)	09/15/17	10/02/17		
6135	1.2	QPR (FY18Q1)	12/15/17			
6136	1.2	QPR (FY18Q2)	03/15/18			
6137	1.2	QPR (FY18Q3)	06/15/18			
6138	1.2	QPR (FY18Q4)	09/15/18			
2118	1.3	Invoice (FY14Q3)	06/30/14	No Expenses		
2119	1.3	Invoice (FY14Q4)	09/30/14	10/13/14		
2120	1.3	Invoice (FY15Q1)	12/31/14	12/19/14		
2121	1.3	Invoice (FY15Q2)	03/31/15	03/24/15		
2122	1.3	Invoice (FY15Q3)	06/30/15	06/12/15		
2123	1.3	Invoice (FY15Q4)(August)	09/30/15	09/15/15		
4757	1.3	Invoice (FY15Q4)(July)	08/15/15	08/13/15		
4482	1.3	Invoice (FY15Q4)(June)	07/15/15	07/14/15		
2124	1.3	Invoice (FY16Q1)	12/31/15	12/17/15		
2125	1.3	Invoice (FY16Q2)	03/31/16	03/04/16		
2126	1.3	Invoice (FY16Q3)	06/30/16	06/22/16		

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2127	1.3	Invoice (FY16Q4)	09/30/16	09/16/17		
6122	1.3	Invoice (FY17Q1)	12/31/16	12/15/16		
6123	1.3	Invoice (FY17Q2)	03/31/17	03/15/17		
6124	1.3	Invoice (FY17Q3)	06/30/17	06/15/17		
6125	1.3	Invoice (FY17Q4)	09/30/17	09/30/17		
6126	1.3	Invoice (FY18Q1)	12/31/17			
6127	1.3	Invoice (FY18Q2)	03/31/18			
6128	1.3	Invoice (FY18Q3)	06/30/18			
6129	1.3	Invoice (FY18Q4) __ June	07/15/18			
6130	1.3	Invoice (FY18Q4) __ July	08/15/18			
6131	1.3	Invoice (FY18Q4) __ Aug	09/30/18			
2065	1.4	Post-Award Mtg	03/14/14	03/21/14		
2067	1.4	Quarterly Communication (FY14Q4)	08/31/14	09/04/14		
2068	1.4	Quarterly Communication (FY15Q1)	11/30/14	11/21/14		
2069	1.4	Quarterly Communication (FY15Q2)	02/28/15	02/18/15		
2070	1.4	Quarterly Communication (FY15Q3)	05/30/15	05/28/15		
2071	1.4	Quarterly Communication (FY15Q4)	08/31/15	10/26-28/15		
2072	1.4	Quarterly Communication (FY16Q1)	11/30/15	12/15/15		
2073	1.4	Quarterly Communication (FY16Q2)	02/28/16	01/21/16		
2074	1.4	Quarterly Communication (FY16Q3)	05/30/16	05/17/16		

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ID#	Sub Task #	Deliverable	Current Due Date	Date Sent	Discussion of Progress Last Quarter (Delete info from prior QPRs, and leave blank if no progress occurred)	Proposed New Due Date
2075	1.4	Quarterly Communication (FY16Q4)	08/31/16	07/12/16		
2076	1.4	Quarterly Communication (FY17Q1)	11/30/16	12/16/16		
6139	1.4	Quarterly Communication (FY17Q2)	02/28/17	02/28/17		
6140	1.4	Quarterly Communication (FY17Q3)	05/31/17	05/04/17		
6141	1.4	Quarterly Communication (FY17Q4)	08/31/17	9/11-15/17	Conference Call on 10/2/17	
6142	1.4	Quarterly Communication (FY18Q1)	11/30/17			
6143	1.4	Quarterly Communication (FY18Q2)	02/28/18			
6144	1.4	Quarterly Communication (FY18Q3)	05/31/18			
6145	1.4	Quarterly Communication (FY18Q4)	08/31/18			
2077	1.5	EPA Coordination Meeting	08/31/18			
2079	1.6	Annual Report Article	08/01/18		Postpone Article until August 1, 2018	
6107	2	Field Data Sheets from 1st sampling event	11/30/16	01/27/17		
6113	2	QAPP Amendment	10/31/16	03/10/17		
2081	2.1	QAPP Planning Mtg	03/14/14	03/21/14		
2082	2.2	Draft Secondary Data QAPP	05/30/14	08/01/14		
2083	2.2	Final Secondary Data QAPP	07/31/14	10/04/14		
2084	2.3	Draft Monitoring QAPP	03/30/15	08/21/15		
2085	2.3	Final Monitoring QAPP	06/21/16	06/30/16		

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ID#	Sub Task #	Deliverable	Current Due Date	Date Sent	Discussion of Progress Last Quarter (Delete info from prior QPRs, and leave blank if no progress occurred)	Proposed New Due Date
4138	2.4	1st Monitoring QAPP Certification (due within 90 days of anniversary date)*Date will be adjusted once QAPP executed	07/15/17	07/13/17		
4136	2.4	1st Secondary Data QAPP Certification (due within 90 days of anniversary date)*Date will be adjusted once QAPP executed	07/10/15	10/13/15		
4139	2.4	2nd Monitoring QAPP Certification (due within 90 days of anniversary date)*Date will be adjusted once QAPP executed*If necessary	07/15/18			
4137	2.4	2nd Secondary Data QAPP Certification (due within 90 days of anniversary date)*Date will be adjusted once QAPP executed	07/10/16	08/28/16		
6146	2.6	Draft QAPP for Modeling	07/31/17		This Task has changed and will be discussed with the TCEQ PM and UTRGV PI to determine how to proceed with this Task	
6147	2.6	Final QAPP for Modeling	09/01/17		This Task has changed and will be discussed with the TCEQ PM and UTRGV PI to determine how to proceed with this Task	
4140	3.1	Assemble existing data and information	12/31/15	01/28/15		
4141	3.2	Analyze existing data and information	12/31/15	02/28/15		
4142	3.3	Identify additional data collection needs	12/31/15	09/16/15		
4143	3.4	Identify analytical method for estimating pollutant loads	09/15/16	09/16/15		

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6149	3.5	Geospatial Database	01/01/18		Amendment executed 9/11/17. Task has begun.	
6150	3.6	OSSF Estimation Report	<u>03/31/18</u>		Amendment executed 9/11/17. Task has begun.	
2090	3.7	Draft Watershed Characterization - Data Evaluation Report	<u>12/15/17</u>		Moved due date to 12/15/17	
6148	3.7	Final Watershed Characterization - Data Evaluation Report	<u>01/15/18</u>		Moved due date to 1/15/18	
2132	3.8	Data Submittal 1	03/15/17	04/12/17		
2133	3.8	Data Submittal 2	09/15/17	10/20/17	Data sent to TCEQ	
6151	3.8	Data Submittal 3	03/15/18			
6152	3.8	Data Submittal 4	09/15/18			
2092	3.8	Draft Water Quality Monitoring Report (With Draft Final Report)	06/01/18			
2093	3.8	Final Water Quality Monitoring Report (With Final Report)	08/31/18			
2094	4.1	Draft Public Participation Plan	06/15/14	09/17/14		
2095	4.1	Final Public Participation Plan	06/25/15	06/25/15		
6114	4.1	FY17Q1 Webpage Update	12/15/16	11/17/16		
6115	4.1	FY17Q2 Webpage Update	03/15/17	01/20/17		
6116	4.1	FY17Q3 Webpage Update	06/15/17	06/20/17		
6117	4.1	FY17Q4 Webpage Update	09/15/17	<u>06/28/17</u>	TWRI added presentations from the 2017 LRGV stormwater conference to the website.	
6153	4.1	FY18Q1 Webpage Update	12/15/17		FY17 Q 4 QPR will be posted to the website once it is approved by the TCEQ PM	
6154	4.1	FY18Q2 Webpage Update	03/15/18			
6155	4.1	FY18Q3 Webpage Update	06/15/18			
6156	4.1	FY18Q4 Webpage Update	09/15/18			

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ID#	Sub Task #	Deliverable	Current Due Date	Date Sent	Discussion of Progress Last Quarter (Delete info from prior QPRs, and leave blank if no progress occurred)	Proposed New Due Date
2096	4.2	Key stakeholder Meetings (FY14Q3)(2 per quarter during 1st year of project)	05/30/14	07/22/14		
2097	4.2	Key stakeholder Meetings (FY14Q4)(2 per quarter during 1st year of project)	12/03/14	12/03/14		
4144	4.2	Key stakeholder Meetings (FY15Q1)(2 per quarter during 1st year of project)	02/28/15	02/26/15		
4145	4.2	Key stakeholder Meetings (FY15Q2)(2 per quarter during 1st year of project)	02/28/15	03/31/15		
2098	4.3	Stakeholder Group Meeting (1of6)	02/28/15	02/26/15		
2099	4.3	Stakeholder Group Meeting (2of6)	05/28/15	06/25/15		
2100	4.3	Stakeholder Group Meeting (3of6)	11/15/15	01/21/16		
2101	4.3	Stakeholder Group Meeting (4of6)	06/13/16	04/14/16		
2102	4.3	Stakeholder Group Meeting (5of6)	08/31/16	06/30/16		
2103	4.3	Stakeholder Group Meeting (6of6)	12/31/16	07/27/16		
6157	4.3	Stakeholder Group Meeting (7of7)	08/31/17	10/11/17		
2105	4.4	1of3 Mass media communication	02/28/15	02/15/15		
2106	4.4	2of3 Mass media communication	02/28/16	09/03/15		
2107	4.4	3of3 Mass media communication	12/01/16	07/31/17	Article on Jude and project in Valley Monitor	
2104	4.4	Project webpage developed	05/30/14	09/17/14		
2108	4.4	Public Outreach Event (1of6)	04/30/15	04/30/15		
2109	4.4	Public Outreach Event (2of6)	04/30/15	07/02/15		
2110	4.4	Public Outreach Event (3of6)	08/31/15	09/09/15		
2111	4.4	Public Outreach Event (4of6)	09/30/16	05/26/17	Jude presented the Watershed Characterization at the Lower Rio Grande Valley Stormwater conference in May 2017.	

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2112	4.4	Public Outreach Event (5of6)	12/15/16		Jude gave a presentation at the LLM/BSC Stakeholder meeting on 10/11/17. The presentation will be sent.	10/30/2017
2113	4.4	Public Outreach Event (6of6)	12/01/17			
2114	4.5	Draft Partnership Coordination Report (In Final Report)	08/01/17			11/30/2017
2115	4.5	Final Partnership Coordination Report (In Final Report)	08/31/17			11/30/2017
2116	5.1	Draft Final Report	06/01/18			
2117	5.2	Final Report	08/01/18			

Task/Issue	Additional Description of Quarterly Activities, Milestones, and Issues
[Include additional entries as appropriate]	
TWRI Project coordination/Stakeholder meetings	No stakeholder meetings were held during this reporting period. The TCEQ, TWRI & UTRGV PMs have worked to amend the current contract to redirect funds from TIAER back into the working budget, amend the Monitoring QAPP to include 2 new sites and plan for a TCEQ audit on the Monitoring QAPP for this project.
Monitoring QAPP	TWRI and UTRGV PMs conducted water quality monitoring/sampling events on 7/30/17. The PMs are also working with the TCEQ PM to set up a monitoring QAPP audit. The TWRI & UTRGV PM are preparing for the audit and have send the monitoring probes to the manufacturer to recalibrate the unit, conduct routine maintanance and replace any defective parts. Monitoring will continue as scheduled in the QAPP.
Monitoring/Water Quality Sampling	The project team conducted water quality sampling March 30, 2017 and May May 31, 2017. TWRI has succesfully uploaded all sampling data up until the March sampling event. May's data will be uploaded by the end of June.
SDQAPP	The TWRI PM has submitted SDQAPP and it was approved.
Watershed Characterization Report	The TWRI and UTRGV PMs have been working to complete the Draft Watershed Characterization Report based on TCEQ PMs comments. They plan to have a draft completed by the end of November.

Note: The purpose of this sheet is to provide for an ongoing discussion of tasks to document overall progress and to raise any overall issues that don't relate to specific deliverables.

Note: Please address activities and issues related to contract amendments, budget revisions, and other administrative matters under Task 1.

Have any nonconformances occurred in the previous quarter? Yes/No
Add any nonconformances and the corresponding corrective actions to the Corrective Action Status Table below. Nonconformances that impact the quality or quantity of data <u>must</u> be communicated to the NPS Project Manager and Lead QA Specialist immediately and a Corrective Action Plan submitted within 14 days of the nonconformance occurring.

Corrective Action Status Table

Corrective Action #	Date Issued	Description of Deficiency	Action Taken	Date Closed
NC1-1	2/22/2017	Bottle Size	Phone Conversation between lab and UTRGV on 1/27/17.	2/22/2017
NC1-1	2/22/2017	Bottle Size	Documentation of implementation for March sampling event to be sent to TCEQ.	5/31/2017
NC1-2	2/22/2017	Duplicates	Phone Conversation between lab and UTRGV on 1/27/17.	2/22/2017
NC1-2	2/22/2017	Duplicates	Revised Chain of Custody Form with instructions regarding duplicates for lab. Revised COC approved by TCEQ.	3/27/2017
NC1-2	2/22/2017	Duplicates	Documentation of implementation for March sampling event to be sent to TCEQ.	5/31/2017
NC1-3	2/22/2017	Dilution	E-mail with lab on 2/1/17 and Phone conversation on 2/1/17.	2/22/2017
NC1-3	2/22/2017	Dilution	Revised Chain of Custody Form with place for documeting samples of Marin origin. Also, reminder to lab to dillute 10x. Revised COC approved by TCEQ.	3/27/2017
NC1-3	2/22/2017	Dilution	Documentation of implementation for March sampling event to be sent to TCEQ.	5/31/2017
NC1-4	2/22/2017	Initialing	In person discussion with lab on 1/30/17.	2/22/2017
NC1-5	2/22/2017	Reduction in bacteria samples	QAPP amendment by 5/15/17.	