

Quarterly Progress Report

FY 19 Q3

Entity: TWRI

Contract No: 582-17-70357

Project Name: Arroyo Colorado Los Fresnos BMPs

Date Submitted: 6/13/2019

Contractor Project Manager: Jaime Flores

Approval Signature Jaime Flores Date 6/13/19

TCEQ Project Manager: Tim Cawthon

Approval* Signature Tim Cawthon Date 6/20/19

* 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.

1. When ready to submit the QPR to TCEQ, the Contractor Project Manager must date and sign the cover page with an electronic signature (i.e., scanned signature). Send the signed Excel document to the TCEQ Project Manager.
2. The TCEQ Project Manager will review and either: 1) Send back with comments or 2) approve, sign, date, and e-mail a scanned copy of the approved QPR to the Contractor Project Manager.
3. After addressing comments email the updated Excel document the TCEQ Project Manager, along with a new date next to the electronic signature.
4. The TCEQ Project Manager will sign, date, scan and send the approved QPR to the Contractor Project Manager. A final version of the Excel document will also be sent.

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
6203	1.2	QPR (FY17Q2)	03/15/17	<u>03/28/17</u>		
6204	1.2	QPR (FY17Q3)	06/15/17	06/14/17		
6205	1.2	QPR (FY17Q4)	09/15/17	10/17/17		
6206	1.2	QPR (FY18Q1)	12/15/17	12/15/17		
6207	1.2	QPR (FY18Q2)	03/15/18	03/19/18		
6208	1.2	QPR (FY18Q3)	06/15/18	06/15/18		
6209	1.2	QPR (FY18Q4)	09/15/18	09/18/18		
6210	1.2	QPR (FY19Q1)	12/15/18	12/18/18		
6211	1.2	QPR (FY19Q2)	03/15/19	<u>03/15/19</u>		
6212	1.2	QPR (FY19Q3)	06/15/19	06/13/19		
6213	1.2	QPR (FY19Q4)	09/15/19			
6214	1.3	Reimbursement Form (FY17Q2)	03/31/17	<u>No Invoice</u>		
6215	1.3	Reimbursement Form (FY17Q3)	06/30/17	<u>No Invoice</u>		
6216	1.3	Reimbursement Form (FY17Q4)	09/30/17	<u>No Invoice</u>		
6217	1.3	Reimbursement Form (FY18Q1)	12/31/17	<u>No Invoice</u>		
6218	1.3	Reimbursement Form (FY18Q2)	03/31/18	03/06/18		
6219	1.3	Reimbursement Form (FY18Q3)	06/30/18	06/15/18		
6220	1.3	Reimbursement Form (FY18Q4)	09/30/18	09/18/18		
6221	1.3	Reimbursement Form (FY19Q1)	12/31/18	01/15/19		
6222	1.3	Reimbursement Form (FY19Q2)	03/31/19	<u>03/11/19</u>		
6223	1.3	Reimbursement Form (FY19Q3)	06/30/19	06/15/19		
6224	1.3	Reimbursement Form (FY19Q4)	09/30/19			
6227	1.3	Reimbursement Form (FY19Q4)_Nov	01/15/20			
6225	1.3	Reimbursement Form (FY20Q1)_Sept	10/15/19			
6226	1.3	Reimbursement Form (FY20Q1)_Oct	11/15/19			
6239	1.4	Post-Award Orientation Meeting	01/12/17	01/24/17		

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6228	1.4	Quarterly Call (FY17Q3)	07/15/17	07/15/17		
6229	1.4	Quarterly Call (FY17Q4)	10/15/17	<u>11/03/17</u>		
6230	1.4	Quarterly Call (FY18Q1)	01/15/18	01/31/18		
6231	1.4	Quarterly Call (FY18Q2)	04/15/18	05/22/18		
6232	1.4	Quarterly Call (FY18Q3)	07/15/18	08/05/18		
6233	1.4	Quarterly Call (FY18Q4)	10/15/18	10/15/18		
6234	1.4	Quarterly Call (FY19Q1)	01/15/19	12/14/18		
6235	1.4	Quarterly Call (FY19Q2)	04/15/19	<u>02/18/19</u>		
6236	1.4	Quarterly Call (FY19Q3)	07/15/19	05/10/19		
6237	1.4	Quarterly Call (FY19Q4)	10/15/19			
6238	1.4	Quarterly Call (FY20Q1)	01/15/20			
6240	1.6	Annual Report Article	08/01/18	08/16/18		
6241	1.7	Y1 Annual Budget Update	11/30/17	01/05/18		
6242	1.7	Y2 Annual Budget Update	11/30/18	11/13/18		
6243	1.8	Y1 Annual List of Requests/Applications	08/01/17	10/17/17		
6244	1.8	Y2 Annual List of Requests/Applications	08/01/18	08/06/18		
6245	1.8	Y3 Annual List of Requests/Applications	10/01/19			
6246	2.1	Monitoring Training Documentation (at least one, then as needed)	08/13/17	01/25/18		
6247	2.2	Y1 Student Training Documentation	08/01/17	01/25/18		
6248	2.2	Y2 Student Training Documentation	08/01/18	11/26/18		
6249	2.2	Y3 Student Training Documentation	10/01/19			

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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
6250	2.3	FY18Q1 Monitoring Activities in QPRs	12/15/17	N/A		
6251	2.3	FY18Q2 Monitoring Activities in QPRs	03/15/18	N/A		
6252	2.3	FY18Q3 Monitoring Activities in QPRs	06/15/18	N/A		
6253	2.3	FY18Q4 Monitoring Activities in QPRs	09/15/18	N/A		
6254	2.3	FY19Q1 Monitoring Activities in QPRs	12/15/18	N/A		
6255	2.3	FY19Q2 Monitoring Activities in QPRs	03/15/19	03/20/19		
6256	2.3	FY19Q3 Monitoring Activities in QPRs	06/15/19		The LFCISD is out for summer recess. Classes wont resume until September. This will effect the sampling schedule until school resumes classes.	
6257	2.3	FY19Q4 Monitoring Activities in QPRs	09/15/19			
6259	3.1	Q10 Workshop (Materials, agenda, and attendance logs)	05/31/19		A planting workshop will be held in the Fall when classes resume.	
6258	3.1	Q3 Workshop (Materials, agenda, and attendance logs)	08/31/17	03/20/19		
6260	3.2	Article outlining project	06/15/17	07/20/17		
6262	3.2	Q10 Press Release	05/01/19	04/11/19		
6261	3.2	Q3 Press Release	08/01/17	06/29/18		
6263	3.2	Website Update	06/15/17	10/25/17		
6265	4.1	NP Certified engineering design plans: final	12/16/16	11/21/16		

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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
6264	4.1	NP Certified engineering design plans: proposed	12/16/16	11/21/16		
6266	4.1	NP engineering design plans: as-built	01/31/17	05/22/18		
6267	4.1	NP M1 Progress Report with photo documentation	01/15/17	01/25/17		
6268	4.1	NP M2 Progress Report with photo documentation	02/15/17	03/28/17		
6269	4.1	NP M3 Progress Report with photo documentation	03/15/17	03/28/17		
6270	4.1	NP M4 Progress Report with photo documentation	04/15/17	04/15/17		
6271	4.1	NP M5 Progress Report with photo documentation	05/15/17	05/15/17		
6272	4.1	NP M6 Progress Report with photo documentation	06/15/17	06/06/17		
6273	4.1	NP M7 Progress Report with photo documentation	07/15/17	Site Visit		
6274	4.1	NP M8 Progress Report with photo documentation	08/15/17	Site Visit		
6275	4.1	NP M9 Progress Report with photo documentation	09/15/17	Site Visit		
6276	4.1	NP M10 Progress Report with photo documentation	10/15/17	Site Visit		
6277	4.1	NP M11 Progress Report with photo documentation	11/15/17	12/19/17		
6278	4.2	NP Photo documentation of constructed parking lot and bioswale	01/31/17	01/20/17		

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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
6279	4.3	NP Photo documentation of installed rainwater collection system	12/15/17	11/24/18		
6280	4.4	NP Photo documentation of installed signage	12/15/17	02/19/19	The city has installed signage for the bio-swale & rain garden. An additional sign(s) with the TCEQ sponsor information will be installed at a later date.	
6283	5.1	HS Certified engineering design plans: as-built	08/31/19			
6282	5.1	HS Certified engineering design plans: final	04/15/17	03/15/19	The plans for the swale/wetland will be developed as part of the Falcon Lake PBL workshop.	
6281	5.1	HS Certified engineering design plans: proposed	03/15/17	03/15/19	The plans for the swale/wetland will be developed as part of the Falcon Lake PBL workshop.	
6284	5.1	HS M5 Progress Report with Photo documentation	05/15/17	Site Visit		
6285	5.1	HS M6 Progress Report with Photo documentation	06/15/17	Site Visit		
6286	5.1	HS M7 Progress Report with Photo documentation	07/15/17	Site Visit		
6287	5.1	HS M8 Progress Report with Photo documentation	08/15/17	Site Visit		
6288	5.1	HS M9 Progress Report with Photo documentation	09/15/17	Site Visit		
6289	5.1	HS M10 Progress Report with Photo documentation	10/15/17	Site Visit		
6290	5.1	HS M11 Progress Report with Photo documentation	11/15/17	02/18/19		

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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
6291	5.1	HS M12 Progress Report with Photo documentation	<u>07/01/19</u>			
6292	5.2	HS Photo documentation of refurbished parking lot	<u>08/31/19</u>			
6293	5.3	HS Photo documentation of refurbished wetland	<u>08/31/19</u>			
6294	5.4	HS Photo documentation of installed signage	<u>08/31/19</u>			
6295	6.1	Draft Final Report	10/01/19			
6296	6.2	Final Report	11/15/19			

Task/Issue	Additional Description of Quarterly Activities, Milestones, and Issues
1-Project Administration	The TWRI PM is working with LFISD to help them spend down their budget on the LID, BMPs to be installed as part of a treatment suite, the Falcon Lake PBL and TST sampling kits.
3-Education and Outreach	The TWRI PM is working with the LFISD to host Falcon Lake Project Based Learning workshop on 3/20/19. The TWRI PM will give multiple presentations during the PBL as well as additional presentations given by Victor Guitierrez and Mike Heep on job oppurtunities in Water quality & Ag and Native plants & trees, respectively. This PBL will also kick of the start of student water monitoring. Additional ST kits have been ordered for the workshop.
4-Los Fresnos Nature Park	The city installed signage at nature park consisting of 1 for the bio-swale, 1 for the rain garden and 1 pet waste sign and station. The TCEQ PM noticed that there was not any sponsor information on the signs. The TWRI PM will work with the city to have a sign made and installed that provides the proper project sponsor information.
5-Los Fresnos High School	The Falcon Lake PBL workshop was held on 3/20/19 at the Los Fresnos HS. Students from 3 middle schools traveled to the HS and were introduced to the TST water sampling kits, monitoring locations, Stormwater LID-BMPs and swale leading to the wetland pond. The studets learned about maps/topography, NPS pollution, native plants and trees, STEM occupations/careers. After the workshop, the studets took water quality samples. Later they were able to display the results through graphs and charts and develop a stormwater LID-BMP treatment train to slow down the water from the parking lot. The students also developed a landscape design using native trees, plants, shrubs and grasses to enhance the existing rainwater swale and wetland to filter out sediment, nutrients and contaminates from the stormwater as it flows through the swale and eventually into the wetland.
6-In Sevice Teacher Workshop	The TWRI PM and Dr. Benavides hosted a 3 hour, In-Service Teacher Workshop for the LFHISD Science Teachers. A total of 9 science teachers from 3 Middle schools and the High School. The workshop covered Plate Tectonics, Gelologic History of Texas and the RGV, Resacas, WPP development, citizen volunteer monitoring and Storms and Hurricanes and their impact.

This tab is used for budget planning purposes. The TCEQ uses the information quarterly for program budget planning. It is important this form is completed to avoid rush requests from the TCEQ Project Manager.

Section I tracks the current budget by fiscal year. This information is from the Annual Budget Update. This is a high-level overview of planned spending for each year of the project. Changes to fiscal year estimates are noted in Section III. After the current QPR is approved the new fiscal year estimates should be moved from Section III to Section I.

Section II tracks the current fiscal year's invoicing. Include invoices that have been approved by TCEQ and estimates for upcoming invoices.

Section III tracks changes in the fiscal year budgets. Changes may be an increase or a decrease in spending from original estimate. After the current QPR is approved the new fiscal year estimates should be moved from Section III to Section I.

Current Budget by FY:

	Match	Federal
FY17:	\$0.00	\$0
FY18:	\$54,244.50	\$81,366.00
FY19:	\$59,335.83	\$89,003.74
FY20:	\$19,753.51	\$29,630.26
Total:	\$133,333.84	\$200,000

Current FY Quarterly Spending:

Include estimated invoice for this quarter

	Match	Federal
Q1:	\$60,926	\$40,617
Q2:	\$4,412	\$6,618
Q3:	\$8,891	\$13,336
Q4:		
Total:	\$74,229	\$60,571

Has the total budget for this fiscal year changed by more than 10% (Yes/No)?

If so, provide new budget by fiscal year estimates and justification for the change in the table below.

New Budget by FY:

	Match	Federal	Justification
FY17:	\$0.00	\$0	
FY18:			
FY19:			
FY20:			
Totals:	\$0	\$0	

Are all major deliverables on schedule (Yes/No)?

If no, provide an explanation below of the impact this will have on spending.



