

TOWN OF UXBRIDGE
WWTF BUILDING COMMITTEE
UXBRIDGE, MASSACHUSETTS 01569

Chairman Dale Bangma
Vice Chair Joe Marchand
Eugene O'Rourke
Dan Hicks
William Kessler

MEETING MINUTES

MEETING DATE: October 18, 2017
MEETING LOCATION: Uxbridge Police Station, 275 Douglas Street

COMMITTEE MEMBERS PRESENT:

Dale Bangma
Eugene O'Rourke
Bill Kessler
Joe Marchand
Dan Hicks

Received by
Uxbridge
Town Clerk

OTHERS IN ATTENDANCE:

Benn Sherman	Director of Public Works
Jim Legg	Wastewater Operations Supervisor
Laurie Toscano	OPM (Weston & Sampson Engineers)
Marc Drainville	Project Designer (GHD)
Robert Bailey	Daniel O'Connell's Sons (Contractor WWTF)
Paul Pradelio	Daniel O'Connell's Sons (Contractor WWTF)

I. CALL TO ORDER

It being 5:32 p.m., the meeting being properly posted, duly called and a quorum being present, the Chair, Dale Bangma, called the meeting to order.

II. OLD BUSINESS

None

III. NEW BUSINESS

A. Citizens Comments

None

B. Acceptance of Meeting Minutes (09/13/2017)

Motion by Bill Kessler, seconded by Dan Hicks to accept the minutes from the September 13, 2017 meeting. **Motion carried 5-0-0.**

C. Project Update

Mr. Sherman provided a brief update on the project. Mr. Sherman introduced representatives from the WWTF contractor, Daniel O'Connell's Sons.

Laurie Toscano (OPM) distributed the OPM status report to the Committee. The WRPS project is progressing with the contractor, William M Schultz (WMS), working on the procurement of the pump station with the vendor. The project team is working closely with the vendor and contractor to ensure the station submittal is completed. WMS is working with the vendor to see if they can reduce the lead time for the station. The submittal status is approximately 32% complete. Mr. Kessler inquired whether WMS provided a critical path schedule. Ms. Toscano explained the baseline schedule included the critical path and this was reviewed by the project team.



The WWTF portion of the project is also proceeding. The OPM received the revised project baseline schedule today. The project team is working with that contractor, Daniel O'Connell's Sons (DOC) to resolve a few issues. The second progress meeting was held on October 12, 2017. Ms Toscano summarized the schedule as reflected in the OPM status report. Mr. Kessler asked to have the committee schedule be sorted by the start date while showing baseline dates with revisions. This will be provided at future monthly committee meetings.

Joe Marchand asked if the construction activities were impacting the daily operations (i.e. septage receiving, sludge hauling, etc.). Mr. Legg explained the Wastewater Division coordinated with the current contracted services and the Town provided them with safety equipment while working within the project limits.

There was general discussion regarding the submittals process. There are many submittals required for this type of project and the team is working with the contractor on the review and acceptance of those submittals received.

Progress to date includes: Last Month-continued submittal of shop drawings, set up site fencing and segregated work zones, site clearing and forming associated with preliminary treatment area improvements. With work progressing, the project team is providing full time inspection/observation services. Current Month-Contractor is finalizing baseline schedule, shop drawing submittals, procuring equipment/materials, forming and concrete work, excavation of new septage receiving facility and duct bank installation.

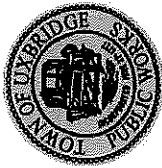
D. Schedule Update

Benn Sherman introduced representatives from Daniel O'Connell's Sons (DOC). DOC explained the baseline schedule indicates the project is on schedule while the 90-day schedule shows the project is behind. Marc Drainville (GHD) explained that DOC now had no float remaining on the critical path and float is a valuable item that is supposed to be shared between Owner and Contractor. Bob Bailey (DOC) added that they are seeking ways to increase the float. Paul Pradelio (DOC) acknowledged that they got off to a "slow start". DOC continues to increase the staff on the project and they are now fully staffed on the project. DOC explained that this project is heavy on the submittal aspect due to the mechanical components involved. DOC is holding many submittals until all aspects required are received so there will be no partial submittals or approvals. Marc Drainville (GHD) explained that the contractor is required to review all submittals prior to submitting to the engineer for review. Specialized equipment is needed and these items cannot be fabricated until approvals are granted. Due to the risk involved, DOC is asking for expedited reviews for critical path items.

Bob Bailey (DOC) anticipates the start of the new secondary gravity thickener in the next two weeks which will require the relocation of the access road and sludge pumping station. Coordination continues with the secondary clarifier. DOC anticipates working on the new chemical building through the winter in order to pick up time on the critical path to bring back float on the project. They are working closely with Jim Legg (Wastewater Division) on the sequencing issues to ensure minimal impact to the operations.

E. Budget Update

Benn Sherman noted that town staff and OPM held a meeting with the Water Pollution Abatement Trust and MassDEP regarding the funding. This meeting involved the Treasurer



TOWN OF UXBRIDGE
 DEPARTMENT OF PUBLIC WORKS
 147 HECLA STREET
 UXBRIDGE, MASSACHUSETTS 01569-1326
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Benn Sherman, P.E.
 Director

WWTF & WEST RIVER PUMP STATION BUDGET & REIMBURSEMENT SUMMARY

PURPOSE: WWTF & WRPS Construction¹
 SOURCE: SRF 0%, SRF 2%, Local Borrowing

TM DATE: 4/2/16

TM APPROPRIATION: \$44,800,000.00

SRF Portion Eligible for 0% Interest Rate \$ 29,200,000.00
 SRF Portion Eligible for 2% Interest Rate \$ 13,600,000.00
 Total SRF Approval \$ 42,800,000.00

TOTAL AUTHORIZATION: \$44,800,000.00

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ACCOUNT NUMBER	CONTRACTS	APPROVED	ORIGINAL BUDGET	CONTRACT/ PO AMOUNT	APPROVED CHANGE ORDERS	ADJUSTED CONTRACT	EXPENSE TO DATE	BALANCE REMAINING	% CMLPT STATUS
41-440-5303-4106PW16-0000-0-0	LEGAL ¹	7/1/17	\$ 45,638.00	\$ 45,638.00	\$ -	\$ 45,638.00	\$ -	\$ 45,638.00	0.0% Active
41-440-5303-4106PW16-0000-0-0	CONTINGENCY ³	7/1/17	\$ 2,050,000.00	\$ 2,300,000.00	\$ (78,900.00)	\$ 2,221,100.00	\$ -	\$ 1,730,246.00	0.0% Active
41-440-5880-4106PW16-0000-0-0	WWTF FINAL DESIGN ²	7/1/16	\$ 1,500,000.00	\$ 1,500,000.00	\$ -	\$ 1,500,000.00	\$ 1,500,000.00	\$ -	100.0% Closed
41-440-5892-4106PW16-0000-0-0	OWNER'S PROJECT MANAGER ²	2/7/17	\$ 500,000.00	\$ 500,000.00	\$ -	\$ 500,000.00	\$ 63,752.15	\$ 436,247.85	12.8% Active
41-440-5893-4106PW16-0000-0-0	WWTF CPS (GHD) ¹	11/9/16	\$ 4,400,000.00	\$ 4,150,000.00	\$ -	\$ 4,150,000.00	\$ 401,984.00	\$ 3,748,016.00	9.7% Active
41-440-5893-4106PW16-9100-0-0	WRPS CPS (GHD) ¹	11/9/16	\$ 140,000.00	\$ 140,000.00	\$ -	\$ 140,000.00	\$ 35,051.57	\$ 104,948.43	25.0% Active
41-440-5894-4106PW16-0000-0-0	WWTF CONSTRUCTION (DOC) ¹	6/26/17	\$ 34,604,926.00	\$ 34,604,926.00	\$ -	\$ 34,604,926.00	\$ -	\$ 34,604,926.00	0.0% Active
41-440-5894-4106PW16-9100-0-0	WRPS CONSTRUCTION (WMS) ¹	6/26/17	\$ 1,559,436.00	\$ 1,559,436.00	\$ 78,900.00	\$ 1,638,336.00	\$ 30,661.25	\$ 1,607,674.75	2.0% Active
41-440-2050-4106PW16-0000-0-0	WWTF RETAINAGE	6/26/17							
41-440-2050-4106PW15-0000-0-0	WRPS RETAINAGE	6/26/17					\$ 1,613.75		
TOTAL COMMITTED			\$ 44,800,000.00	\$ 44,800,000.00	\$ -	\$ 44,800,000.00	\$ 2,033,062.72	\$ 42,277,697.03	4.5%

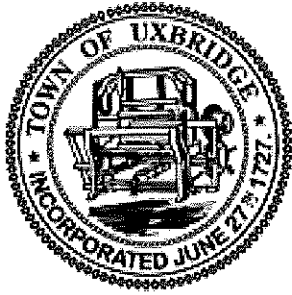
FUNDS AVAILABLE

- ¹ Included in the SRF funding request and authorization
- ² Included in the independent borrowing for final design and OPM services
- ³ GHD additional services for WWTF were put into the contingency line

REIMBURSEMENT SUMMARY

REIMBURSIBLE ITEMS	ELIGIBLE COSTS ⁴	CONTRACTED AMOUNT	2% Loan 16-26	0% Loan 16-26B	0% Federal Grant
WRPS CONSTRUCTION (WMS)	\$ 1,637,408.00	\$ 1,638,336.00	\$ 30,661.25	\$ -	\$ -
WWTF CONSTRUCTION (DOC)	\$ 36,335,172.00	\$ 34,604,926.00	\$ -	\$ -	\$ -
WWTF CPS (GHD)	\$ 4,400,000.00	\$ 4,150,000.00	\$ -	\$ 401,984.00	\$ -
WRPS CPS (GHD)	\$ 140,000.00	\$ 140,000.00	\$ 35,051.57	\$ -	\$ -
UTILITY WORK	\$ 287,420.00	\$ 287,420.00	\$ -	\$ -	\$ -
TOTAL	\$ 42,800,000.00	\$ 40,820,682.00	\$ 65,712.82	\$ 401,984.00	\$ -

⁴ - Based on MassDEP's revised Project Approval Certificate dated 6/1/2017



Monthly OPM Project Updates

October 2017

2016-04 West River Pump Station Replacement

Progress: Last Month – WM Schultz continued with submittals and pump station supplier procurement and delivery coordination for the of equipment. GHD reviewed and commented on submittals received, processed Change Order No. 1 and processed first contractor's application for payment. First monthly construction meeting was held on September 14, 2017.

This Month – WM Schultz is continuing with revisions to submittals and coordinating with the pump station supplier on procurement and delivery of equipment. The second monthly construction meeting was held on October 12, 2017.

Schedule: Estimated Project Completion Date: July 4, 2018

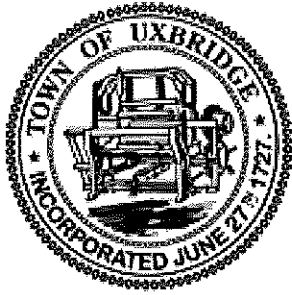
Financial:	GHD Budget: \$140,000	Invoiced: \$35,051	% Complete: 25 %
	Contractor: \$1,638,336*	Invoiced: \$30,661	% Complete: 2 %

**Adjusted for Change Order No. 1*

Submittal Status: Approximately 32% of submittals have been received and have been or are being reviewed.

Action Items: Continue to work with WM Schultz schedule for equipment procurement and delivery and overall project completion.

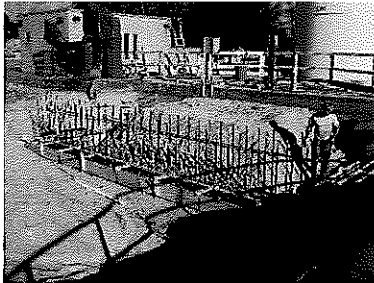
Current Status: WM Schultz will continue shop submittals and procurement of equipment and materials. They plan to mobilize once a delivery date from the PS supplier has been finalized.



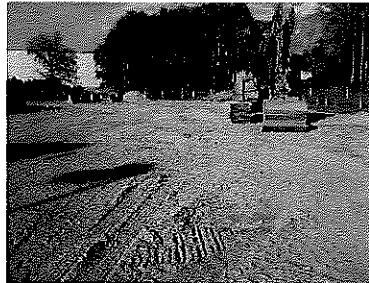
2016-05 Wastewater Treatment Facility BNR & Infrastructure Upgrade

Progress: Last Month – Daniel O’Connell’s Sons (DOC) continued submittal of shop drawings, set up site fencing and segregated work zones, started site clearing and started forming for preliminary treatment area improvements. GHD reviewed and commented on submittals received and started full-time construction inspection. First monthly construction meeting was held on September 14, 2017.

Preliminary Treatment Work



Septage Receiving Work

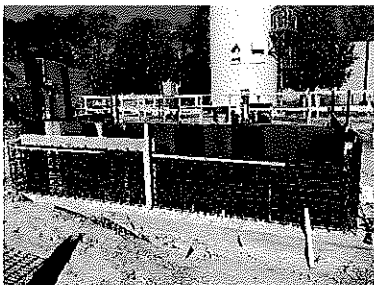


Electrical Duct bank Work

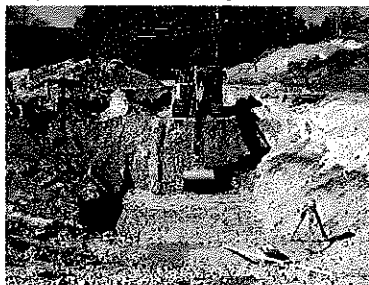


This Month – DOC is finalizing the baseline schedule, continuing the submittal of shop drawings, procuring equipment/materials, continuing forming and concrete work for preliminary treatment area improvements, excavating for the new septage receiving facility and excavating test pits for the duct bank installation behind the Admin/Operations Building. The Electrical subcontractor has also mobilized to the site this period. GHD continues to review and commented on submittals received, including the baseline schedule and continues to provide full-time construction inspection. The second monthly construction meeting was held on October 12, 2017.

Preliminary Treatment Work

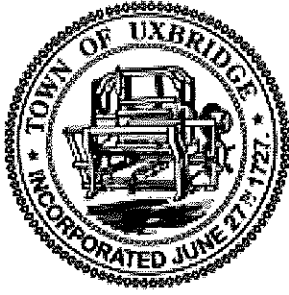


Septage Receiving Work



Electrical Duct bank Work

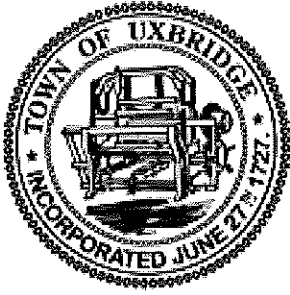




Schedule: Estimated Project Completion Date: February 21, 2020

Key Milestone Completion Dates: based on DOC 10/16/17 Baseline Schedule

Activity	Start by Date	Finish by Date
Site Electrical:	April 10, 2018	October 2, 2019
Septage Receiving Building:	September 26, 2017	September 12, 2018
Preliminary Treatment Building:	June 13, 2018	February 15, 2019
Garage:	April 16, 2019	October 23, 2019
Sludge Thickener No. 2:	May 2, 2018	November 22, 2019
Process Bldg. Blower Room:	February 12, 2019	November 22, 2019
Sludge Holding Tank:	January 24, 2018	February 8, 2018
Process/Admin Building	February 28, 2018	February 21, 2020
Utility Tunnel Access No. 2	June 28, 2019	October 14, 2019
Primary Settling Basins	February 15, 2019	November 22, 2019
Yard Piping	July 11, 2018	February 21, 2020
Secondary Clarifier No. 4	February 8, 2018	December 20, 2019
Secondary Clarifier Nos. 1-3 Upgrade	October 9, 2018	April 12, 2019
Sludge Pumping Station	April 15, 2019	November 22, 2019
Aeration Basins Nos. 1-3 Extensions	February 9, 2018	February 7, 2020
Aeration Basin Distribution Box	July 2, 2018	October 4, 2018
Main Pump Station	April 26, 2019	October 14, 2019
Chemical Building	March 23, 2018	November 22, 2019
Filter Building	July 20, 2018	November 6, 2019
UV & Post Aeration	December 21, 2018	November 22, 2019
Blower Building	August 15, 2018	December 20, 2019
Utility Tunnel	November 28, 2018	October 14, 2019
Testing & Startup	November 23, 2019	February 21, 2020



Financial:	OPM Budget: \$500,000	Invoiced: \$63,752	% Complete: 12.8%
	GHD Budget: \$4,150,000	Invoiced: \$401,984	% Complete: 9.7%
	DOC Budget: \$34,604,926	Invoiced: \$0	% Complete: 0%
Submittal Status:	Approximately 23% of submittals have been received and have been or are being reviewed.		
Action Items:	Continue to work with DOC to finalize the baseline schedule and continue construction progress at an increasing rate.		
Current Status:	DOC will continue shop submittals, procurement of equipment and materials and will increase labor presence on-site. Current work areas are the preliminary treatment building area, the new septage receiving area, the new sludge thickener no. 2 area and the rear of the existing Process/Admin. Building.		



TOWN OF UXBRIDGE
 WWTF BUILDING COMMITTEE
 UXBRIDGE, MASSACHUSETTS 01569

MEETING SIGN IN SHEET
 WEDNESDAY, OCTOBER 18, 2017
 UXBRIDGE TOWN HALL, 21 S. MAIN STREET, UXBRIDGE, MA

INITIAL	NAME	AFFILIATION	ADDRESS	PHONE	EMAIL
<i>DB</i>	Dale Bangma	WWTF Building Committee			
<i>JM</i>	Joe Marchand	WWTF Building Committee			
<i>EO</i>	Eugene O'Rourke	WWTF Building Committee			
<i>DH</i>	Dan Hicks	WWTF Building Committee			
<i>WK</i>	William Kessler	WWTF Building Committee			
<i>BS</i>	Benn Sherman	Uxbridge DPW			bsherman@uxbridge-ma.gov
<i>JK</i>	Jim Legg	Uxbridge DPW-Wastewater			jlegg@uxbridge-ma.gov
	David Genereux	Town Manager			dgenereux@uxbridge-ma.gov
	Sandy Tripp	GHD (Designer)			stripp@ghd.com
<i>MD</i>	Marc Drainville	GHD (Designer)			mdrainville@ghd.com
<i>LT</i>	Laurie Toscano	Weston & Sampson (OPM)			ltoscano@wseinc.com
	<i>ROBERT BAILEY</i>	<i>DANIEL O'CONNELL'S</i>			<i>ROBERT BAILEY @ OCONNELLS.COM</i>
	<i>PAUL PRADERIO</i>	<i>DANIEL O'CONNELL'S</i>			<i>PRADERIO @ OCONNELLS.COM</i>



and Assistant Town Account since the discussions included reimbursements and payments to contractors. Overall the budget is on tract as shown in the attached summary with only one payment estimate submitted by the WRPS contractor. DOC will not be submitting a payment requisition until the baseline schedule and schedule of values is approved. Marc Drainville further explained there is contractual language in place that does not allow for payment until the baseline schedule is approved.

IV. MEMBER COMMENTS

Bill Kessler asked if there are any issues at the present time with subcontractors/suppliers. Presently, Griffin Electric is the primary subcontractor working on the site and there are no issues at the present time.

Benn Sherman noted that NGRID requires an easement/license for the new electrical transformer on site. The required license documentation was received by the DPW from NGRID and Mr. Sherman will present this information to the Board of Selectmen on October 23, 2017 for their approval. Mr. Sherman also noted the DPW will present a warrant article in the spring of 2018 for a full easement as the license is only a temporary approval by the town.

V. ADJOURNMENT

Motion by Joe Marchand, seconded by Dan Hicks to adjourn the meeting. **Motion carried 5-0-0.**

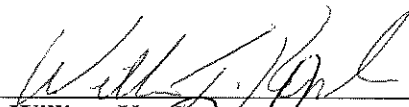
Minutes respectfully submitted by Benn Sherman.

Minutes approved by WWTF Building Committee

Date Approved: 01/17/2018



Dale Bangma, Chairman



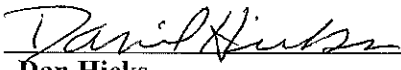
William Kessler



Joe Marchand, Vice Chairman



Eugene O'Rourke



Dan Hicks