



TOWN OF UXBRIDGE
WWTF BUILDING COMMITTEE
UXBRIDGE, MASSACHUSETTS 01569

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

Benn Sherman (Ad hoc)
Jim Legg (Ad hoc)

MEETING MINUTES

MEETING DATE: May 16, 2018
MEETING LOCATION: Lower Town Hall Meeting Room, 21 South Main Street

COMMITTEE MEMBERS PRESENT:

Dale Bangma
Eugene O'Rourke
Joe Marchand
Dan Hicks

AUG 15 '18 PM 6:30

Received by
Uxbridge
Town Clerk

OTHERS IN ATTENDANCE:

Angie Ellison	Town Manager
Benn Sherman	Director of Public Works
Jim Legg	Wastewater Operations Supervisor
Laurie Toscano	OPM (Weston & Sampson Engineers)
Marc Drainville	Project Designer (GHD)

I. CALL TO ORDER

It being 5:00 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 (04/19/2018)

Passover

C. Project Update

Laurie Toscano (OPM) distributed the OPM status report to the Committee. This report includes the month of May.

West River Pump Station (WRPS): William M. Schultz continued to install sheeting and dewatering activities but encountered an obstruction. At the present time, it is unclear as to the extent and type of obstruction in the area of the station excavation. The proposal is to continue subsurface investigations in order to formulate a plan going forward. The contractor doesn't believe there will be a need for a time extension in order to complete the work. Submittals area at approximately the 74% level and we are awaiting a delivery date on the pump station to the site. The financial summary shows the construction phase services are approximately 43% while the contractor is at 10%.

Joe Marchand asked about the cost ramifications to the subsurface conditions. Marc Drainville explained there will be some additional cost to the project but it is unclear at this time what that



Joe Marchand inquired as to the location of the pump station. Sandy Tripp explained the history of the siting of the station and limitations to the site (i.e. Highway Division operations).

Wastewater Treatment Facility (WWTF): Ms. Toscano reviewed the progress outlined in the OPM report. Refer to attached OPM report for specific/notable work activities. Laurie Toscano explained the purpose of the filter building which is the primary removal method for nutrients.

D. Schedule Update

Ms. Toscano updated the committee on the recent draft schedule provided by DOC and is provided in the OPM report in accordance with the requests of the Committee. There are not changes to the completion date of the project. Logic changes were made to some of the scheduled tasks. The critical path shows a negative 4 days which is based on when heat can be restored to the administration building. There is positive float on the ACO related items and we anticipate positive float coming back into the project once more is known about the status of the Administration area.

E. Change Order Update

Laurie Toscano noted the summary section relative to the project contingency management/change order summary. Sandy Tripp provided a more detailed summary of the potential change order (PCO) items. We will continue to work with WM Schultz on the changed conditions. The contingency balance is approximately \$1.9M.

Sandy Tripp explained the changes to the detailed PCO log. We are currently at 85 PCO items under review. These are all associated with a request for information (RFI). The requested were further broken down into 5 categories for review. There are 32 of the 85 that have been negotiated and part of change order 1 and 2. We are finalizing change order 3 and will present it to the committee at the next meeting. The known and projected PCO's total approximately \$536,000, which is about 31% of the 5% contingency amount. Joe Marchand asked about the breakdown of the contingency lines. Both projects are tracked separately but are all part of the total project contingency.

F. Budget Update

Laurie Toscano provided an update on the total project accounting provided by the DPW. Overall, the total project is about 27% expended. The reimbursement summary was updated to show the breakdown of the 2%, 0%, 0% grant monies. Joe Marchand inquired as to the status of the loan closing. Laurie Toscano explained the decision by the BOS that decided not go with a partial long-term borrowing.

IV. MEMBER COMMENTS

None



IV. MEMBER COMMENTS

None.

V. ADJOURNMENT

Motion by Dan Hicks, seconded by Joe Marchand to adjourn the meeting at 5:38 p.m. **Motion carried 4-0-0.**

Minutes respectfully submitted by Benn Sherman.

Minutes approved by WWTF Building Committee

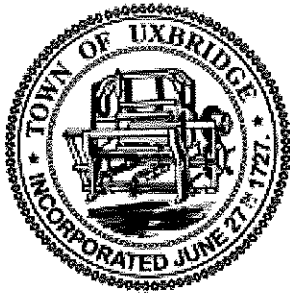
Date Approved: 8/15/2018

Dale Bangma, Chairman

Joe Marchand, Vice Chairman

Dan Hicks

William Kessler
Eugene O'Rourke



Monthly OPM Project Updates

May 2018

2016-04 West River Pump Station Replacement

Progress: Last Month – WM Schultz mobilized to the site, began dewatering activities and started the sheeting installation for support of excavation. Temporary fencing was installed for site safety. The PS was scheduled for delivery on May 2nd, but was delayed by the equipment vendor. A monthly construction meeting was held on April 12th. WM Schultz's 5th payment application was processed for \$30,449.



This Month – WM Schultz attempted to continue sheeting installation for support of excavation and dewatering activities this period, however have encountered an obstruction. WMS is currently formulating a plan to drill through the obstruction and identify the bottom to confirm it can be removed. The PS is slated to be available for delivery after May 11th. A monthly construction meeting was held on May 10th. WM Schultz's 6th payment application was recently processed for \$77,516.

GHD continues to review submittals received and provide construction supervision.

Schedule: Estimated Project Completion Date: November 30, 2018

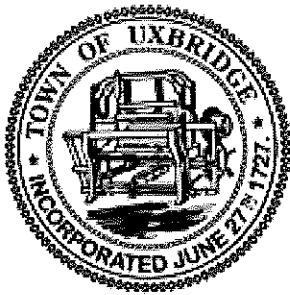
Financial:	GHD Budget:	\$140,000	Invoiced:	\$60,755	% Complete:	43.4%
	Contractor:	\$1,643,549*	Invoiced:	\$167,734	% Complete:	10.2%

**Adjusted for Change Order No. 1 & Change Order No. 2*

Submittal Status: Approximately 74% of submittals have been received and have been or are being reviewed.

Action Items: Continue to work with WM Schultz for plan for obstruction removal, continued dewatering and equipment delivery and installation.

Current Status: WM Schultz will proceed with investigative work to determine extents of the obstruction and plan for removal. Once the plan is approved by GHD and the Town, WM Schultz will continue with dewatering, support of excavation and equipment installation.



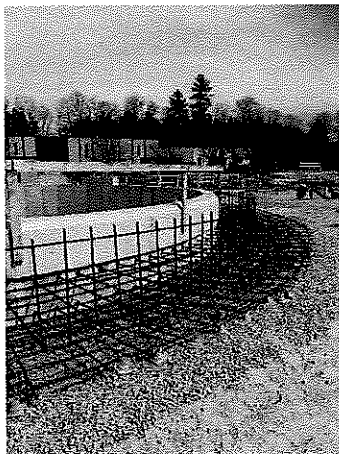
2016-05 Wastewater Treatment Facility BNR & Infrastructure Upgrade

Progress: Last Month – DOC continued submittal of shop drawings, procuring equipment/materials, secondary electrical duct bank installation, poured floor slabs and began CMU walls for the Septage Receiving area, foundation work in the new Garage area, formwork and concrete placement for new GT #2 launderers, rebar installation and formwork for the base slab of new SC #4, demolition of the HVAC and abatement activities in the Process Building, installed temporary office & bathroom facilities for Operation's staff, demolition of the bathrooms/locker rooms and conference rooms in the Admin Building, yard piping for several process bypasses (sewer, RAS, Primary Effluent, chemical, SC effluent), began the support of excavation for the Aeration basin expansions and continued excavation and underslab utilities for the new Filter Building and Chemical Building and Preliminary Treatment building construction. The Contractor's 6th payment application was recently processed for \$771,710. The monthly construction meeting was held on April 12th.

Excavation for New Filter & Chemical Buildings



New Gravity Thickener No. 2

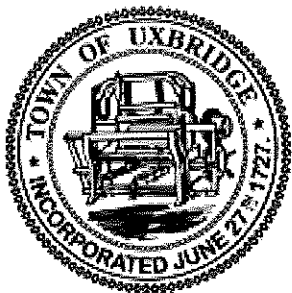


New Garage Foundation



Secondary Clarifier #4



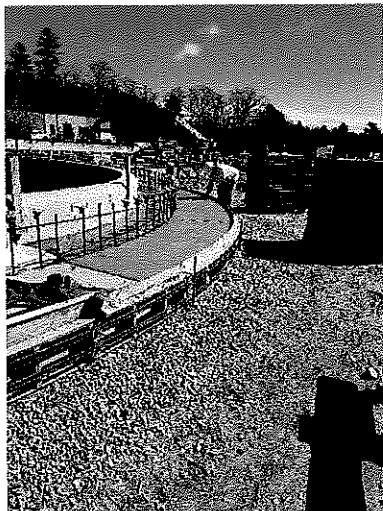


This Month –

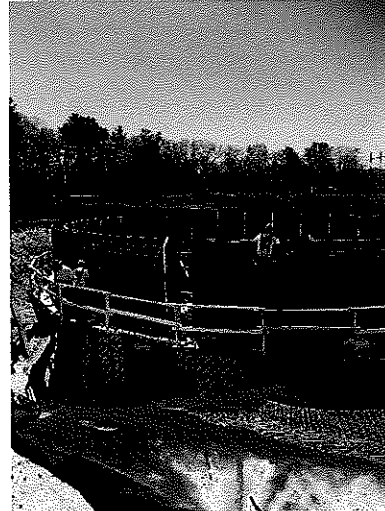
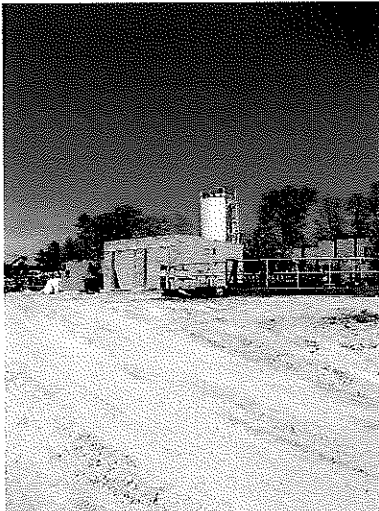
DOC is continuing the submittal of shop drawings, procuring equipment/ materials, continuing secondary electrical duct bank installation, installing CMU walls for the Septage Receiving area, foundation work in the new Garage area, Preliminary Treatment building construction, rebar installation and formwork for the walls of new SC #4, demolition and abatement activities in the Process Building, plumbing installation for the new bathrooms/locker rooms in the Admin Building, support of excavation for the Aeration basin expansions and continued excavation and underslab utilities for the new Filter Building and Chemical Building. The Contractor's 7th payment application was recently process for \$826,990. A monthly construction meeting was held on May 10, 2018 and the next will be held on June 14, 2018.

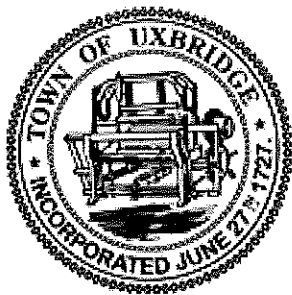
GHD continues to review and comment on submittals received and continues to provide full-time construction inspection.

New Gravity Thickener No. 2



New Preliminary Treatment Bldg. New Secondary Clarifier #4

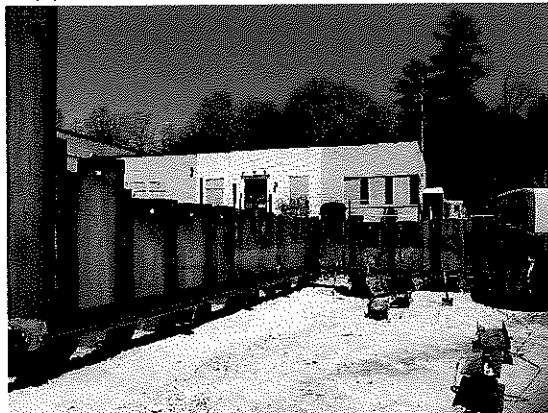




Excavation for New Filter & Chemical Buildings



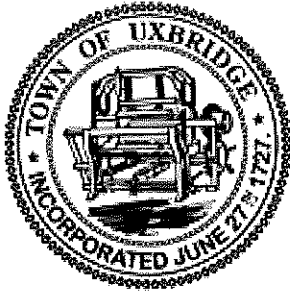
Support of Excavation for Aeration Expansions



Schedule: Estimated Project Completion Date: February 21, 2020

Key Milestone Completion Dates: based on DOC 05/08/18 Progress Schedule

Activity	Start by Date in Progress Schedule	Start Date in Baseline Schedule	Finish by Date	Early (E), Late (L) or Actual (A) Date *
Preliminary Treatment Building:	09/25/2017A	10/02/2017	04/12/2019	E
Septage Receiving Building:	10/03/2017A	09/25/2017	11/21/2018	E
Sludge Thickener No. 2:	10/16/2017A	11/09/2017	08/23/2019	E
Site Electrical:	10/17/2017A	10/17/2017	04/04/2019	E
Secondary Clarifier No. 4	10/31/2017A	08/30/2017	03/08/2019	E
Yard Piping	11/28/2017A	07/11/2018	11/01/2019	E
Process/Admin Building with Finishes	12/19/2017A	02/28/2018	12/12/2019	E
Process Bldg. Blower Room:	01/23/2018A	02/12/2019	10/02/2019	E
Filter Building	02/07/2018A	07/20/2018	08/28/2019	E
Garage	03/12/2018A	04/16/2019	01/29/2019	E
Chemical Building	3/14/2018A	03/23/2018	09/16/2019	E

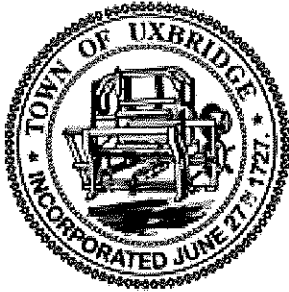


Activity	Start by Date in Progress Schedule	Start Date in Baseline Schedule	Finish by Date	Early (E), Late (L) or Actual (A) Date *
Sludge Pumping Station	03/20/2018A	04/15/2019	06/04/2019	L
Aeration Basins Nos. 1-3 Extensions	03/27/2018A	02/09/2018	10/22/2019	E
Main Pump Station	04/25/2018A	04/26/2019	05/29/2019	E
Primary Settling D-Box	07/27/2018	02/15/2019	9/20/2018	L
Aeration Basin Distribution Box	08/30/2018	07/02/2018	12/21/2018	L
UV & Post Aeration	12/18/2018	12/21/2018	11/22/2019	L
Blower Building	01/11/2019	08/15/2018	12/20/2019	L
Utility Tunnel	01/24/2019	11/28/2018	10/14/2019	L
Primary Settling Basins	03/26/2019	02/15/2019	11/22/2019	L
Secondary Clarifier Nos. 1-3 Upgrade	05/21/2019	10/09/2018	11/22/2019	L
Utility Tunnel Access No. 2	06/26/2019	06/28/2019	10/14/2019	L
Sludge Thickener #1	07/15/2019	07/15/2019	11/05/2019	L
Sludge Holding Tank:	11/06/2019	11/06/2019	11/22/2019	L
Testing & Startup	11/24/2019	11/23/2019	02/21/2020	L
* Two sets of dates are provided in the Baseline Schedule by DOC, Early Start/Finish and Late Start/Finish. For work items that have commenced (shown in Bold), the Early Start/Finish Dates are included above and for work items that have yet to commence, the Late Start/Finish Dates are included above for conservatism.				

Financial: OPM Budget: \$500,000 Invoiced: \$ 127,631 % Complete: 25.5%
 GHD Budget: \$4,150,000 Invoiced: \$1,071,352 % Complete: 25.8%
 DOC Budget: \$34,665,209** Invoiced: \$4,882,412 % Complete: 14.0%

**Adjusted for Change Order No. 1 (DOC)

Submittal Status: Approximately 78% of submittals have been received and have been or are being reviewed.



- Action Items: Continue to work with DOC to track strategies that have been implemented to restore float in the schedule (currently at +3 days overall and significantly more for the various process paths) and continue construction progress at the increased rate. Continue to process submittals and payment requisitions and evaluate potential change orders.
- Current Status: DOC will continue shop submittals, procurement of equipment and materials and continue to resume an increased labor presence on-site, especially now that more work areas are available for concurrent work activities. Current work areas are the existing Process/Administration Building, the new Septage Receiving area, the new Garage area, the new Preliminary Treatment Building, the new Gravity Thickener #2 area, the new Secondary Clarifier #4 area, existing Aeration Tank #1 and the area for Aeration Tank extensions, the Sludge PS, the new Filter Building and Chemical Building area. The reimbursement request package will be submitted to DEP this week.

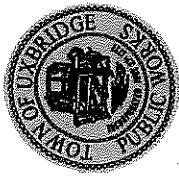
2016-04 & 2016-05 Project Contingency Management/ Change Order Summary

Based on discussions at prior Building Committee meetings, below is a summary for the contingency on the combined projects (WWTF & WR PS), amounts that have been allocated to Approved Change Orders and amounts that are likely to be considered in the future for identified Potential Change Order items.

Project Item	Item Amount	Cumulative Total
Project Original Contingency ^a		\$2,300,000.00
WR PS Change Order No. 1 (8/9/17)	\$78,900.00	\$2,221,100.00
WR PS Change Order No. 2 (8/9/17)	\$5,213.00	\$2,215,887.00
WR PS Potential Change Orders ^b	Not Available	
WWTF Change Order No.1 (3/6/18)	\$60,283.00	\$2,155,604.00
WWTF Potential Change Orders ^b	\$488,350.00	

^a Contingency includes original budget (\$2,050,000) plus additional services budget in GHD contract (\$250,000).

^b Potential Change Orders (PCOs) are in various stages of review and negotiation. This value is provided based on estimated potential costs identified to date and will be updated monthly.



TOWN OF UXBRIDGE
DEPARTMENT OF PUBLIC WORKS
147 HECLA STREET
UXBRIDGE, MASSACHUSETTS 01569-1326
508-278-8616 ♦ Fax 508-278-3179

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

ACCOUNT NUMBER	CONTRACTS	APPROVED	ORIGINAL BUDGET	CONTRACT/PO AMOUNT	APPROVED CHANGE ORDERS	ADJUSTED CONTRACT	EXPENSE TO DATE	BALANCE REMAINING	% CMPLT	STATUS
41-440-2050-4106PW15-0000-0-0	WRPS RETAINAGE ¹	06/26/17					\$ 8,828.15			
41-440-2050-4106PW16-0000-0-0	WWTF RETAINAGE ¹	06/26/17					\$ 253,811.20			
41-440-5303-4106PW16-0000-0-0	LEGAL ¹	07/01/17	\$ 45,638.00	\$ 45,638.00	-	\$ 45,638.00	\$ -	\$ 45,638.00	0.0%	Active
41-440-5880-4106PW16-0000-0-0	WWTF FINAL DESIGN ²	07/01/16	\$ 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	02/07/17	\$ 500,000.00	\$ 500,000.00	-	\$ 500,000.00	\$ 124,696.27	\$ 375,303.73	24.9%	Active
41-440-5893-4106PW16-0000-0-0	WWTF CPS (GHD) ^{1,3}	11/09/16	\$ 4,400,000.00	\$ 4,150,000.00	-	\$ 4,150,000.00	\$ 1,130,645.89	\$ 3,019,354.11	27.2%	Active
41-440-5893-4106PW16-9100-0-0	WRPS CPS (GHD) ¹	11/09/16	\$ 140,000.00	\$ 140,000.00	-	\$ 140,000.00	\$ 60,755.47	\$ 79,244.53	43.4%	Active
41-440-5894-4106PW16-0000-0-0	WWTF CONSTRUCTION (DOC) ¹	06/26/17	\$ 34,604,926.00	\$ 34,604,926.00	\$ 60,283.00	\$ 34,665,209.00	\$ 4,822,412.81	\$ 29,842,796.19	13.9%	Active
41-440-5894-4106PW16-9100-0-0	WRPS CONSTRUCTION (WMS) ¹	06/26/17	\$ 1,559,436.00	\$ 1,559,436.00	\$ 84,113.00	\$ 1,643,549.00	\$ 167,734.85	\$ 1,475,814.15	10.8%	Active
41-440-5897-4106PW16-0000-0-0	CONTINGENCY ^{1,3}	07/01/17	\$ 2,050,000.00	\$ 2,300,000.00	\$ (144,396.00)	\$ 2,155,604.00	\$ 122,323.92	\$ 2,033,280.08	5.3%	Active
TOTAL COMMITTED			\$ 44,800,000.00	\$ 44,800,000.00	\$ -	\$ 44,800,000.00	\$ 8,191,208.56	\$ 36,871,430.79	18.3%	

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

ACCOUNT NUMBER	REIMBURSABLE ITEMS	ELIGIBLE COSTS ¹	UNALLOCATED AMOUNT	Z% Loan 16-26	U% Loan 16-26A	U% Fed. Grant (26B)	INITIAL SUBMITTED	TOTAL REIMBURSED
41-440-4680-4106PW16	WRPS CONSTRUCTION (WMS)	\$ 1,637,408.00	\$ 1,643,549.00	\$ 51,561.25	\$ -	\$ -	\$ 51,561.25	\$ 40,161.00
41-440-4680-4106PW16	WWTF CONSTRUCTION (DOC)	\$ 36,335,172.00	\$ 34,665,209.00	\$ 638,395.94	\$ 1,641,589.56	\$ -	\$ 2,279,985.50	\$ 1,589,197.00
41-440-4680-4106PW16	WWTF CPS (GHD)	\$ 4,400,000.00	\$ 4,150,000.00	\$ -	\$ -	\$ 677,862.90	\$ 677,862.90	\$ 579,029.00
41-440-4680-4106PW16	WRPS CPS (GHD)	\$ 140,000.00	\$ 140,000.00	\$ 42,966.87	\$ -	\$ -	\$ 42,966.87	\$ 41,927.00
41-440-4680-4106PW16	UTILITY WORK	\$ 287,420.00	\$ 287,420.00	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL		\$ 42,800,000.00	\$ 40,886,178.00	\$ 732,924.06	\$ 1,641,589.56	\$ 677,862.90	\$ 3,052,376.52	\$ 2,250,314.00

¹ - MassDEP's revised Project Approval Certificate dated 5/1/2017

**Uxbridge Wastewater Treatment Facility BNR and Infrastructure Upgrade
Change Management**

General Contractor: Daniel O'Connell's Sons, Inc.

Contract No. 2016-05; GHD Job No. 8618922A

May 2018

Construction Budget	\$	36,335,172
Initial Construction Contract	\$	34,604,926
Approved Change Orders	\$	60,283
Unallocated Budget	\$	1,669,963

Construction Progress

Days Since June 26, 2017 Notice to Proceed	308	Construction Contract Value,	
Contract Duration	970	Including Change Orders	\$ 34,665,209.00
Days Remaining	662	Amount Earned to Date	\$ 5,076,224.01
Percent of Time Expended	32%	Percent of Value Completed	15%

Potential Change Orders (PCOs) vs Construction Budget

Requests for Information from DOC	153	No. of PCOs	63
Requests for Information from GHD	57	No. PCOs in Negotiation	60
Approved Change Orders	1	Potential Change Amount	\$ 489,000
Percent of Initial Construction Contract	0.2%	Percent of Initial Contract	1.4%

Contingency Management

Contingency - Percent of Initial Contract	5%	Contingency Amount	\$ 1,730,246
Percent of Contingency in Change Orders	3.5%	Change Orders to Date	\$ 60,283
Percent of Contingency in Potential Changes	28%	Potential Changes	\$ 489,000
Percent of Contingency Identified	32%	Total Changes Identified	\$ 549,283
Percent of Contingency Remaining	68%	Remaining Contingency	\$ 1,180,963

Uxbridge Wastewater Treatment Facility BNR and Infrastructure Upgrade
Proposed Change Order (PCO) Log & Project Funding Budget Status
General Contractor: Daniel O'Connell's Sons, Inc.
Contract No. 2016-05; GHD Job No. 8618922A

May 14, 2018

Initial Contract Value: \$34,604,926.00
Contingency: \$1,730,246
Construction Budget: \$36,335,172

PCO No.	Response to RFI	Work Item Descriptions	GHD Rough Estimate	Negotiated Value	Net Available	Net Available as %
Beginning Balance					\$1,730,246.30	
1	1001B	Transformer access road	\$ 15,000		\$1,730,246.30	100.0%
2	1002	Relocate gas line	\$ 5,000		\$1,730,246.30	100.0%
3	1003A	Electrical modifications	\$ 5,000		\$1,730,246.30	100.0%
4	1004	Preliminary treatment cleanout	\$ 750		\$1,730,246.30	100.0%
5	1005	Septage pipe roof penetration	\$ 2,500		\$1,730,246.30	100.0%
6	FO11	Drill and grout dowels at PT bldg	\$ 5,000		\$1,730,246.30	100.0%
7	1007	Potable water well pump power and control	\$ 5,000		\$1,730,246.30	100.0%
8	1006	Core FDs in PT bldg	\$ 1,200		\$1,730,246.30	100.0%
9	1008	AIS compliant pinch valve	\$ 5,000	\$4,889.00	\$1,725,357.30	99.7%
10	FO12A	Relocate block retaining wall	\$ 20,000		\$1,725,357.30	99.7%
11	9	Pipe vents in septage bldg	\$ 1,500		\$1,725,357.30	99.7%
12	8	Septage bldg main cleanout	\$ 750		\$1,725,357.30	99.7%
13	1009	Replace valves at clarifier 4	\$ 21,000	\$20,394.00	\$1,704,963.30	98.5%
14	23 / 46	Changes to EMH13 and electrical room	\$ 20,000		\$1,704,963.30	98.5%
15	35	Trench drains in garage	\$ 46,500		\$1,704,963.30	98.5%
16	1011	Primary scum level sensor	\$ (2,000)		\$1,704,963.30	98.5%
17	1012	Main PS bypass changes	\$ 1,500		\$1,704,963.30	98.5%
18		Weather impacts	\$ -		\$1,704,963.30	98.5%
19	1015	Gravity Thickener 2 concrete fill	\$ 4,000		\$1,704,963.30	98.5%
20	53	PRB-MOD 7 & 15	\$ 500	\$0.00	\$1,704,963.30	98.5%
21	43	Core and Link Seal	\$ 750		\$1,704,963.30	98.5%
22	1014	Demolish suspended ceiling	\$ 500		\$1,704,963.30	98.5%
23	46X	Reconfiguration of ductbank G-G - MOVED to PCO 14	\$ -		\$1,704,963.30	98.5%
24	1019	Cleanouts in chemical room	\$ 1,500		\$1,704,963.30	98.5%
25	1018	Firewall in chemical room	\$ (1,000)		\$1,704,963.30	98.5%
26		Buried fire alarm conduit in chemical room	\$ 6,000		\$1,704,963.30	98.5%
27	1021	Additional rebar at secondary clarifier 4	\$ 1,500		\$1,704,963.30	98.5%
28	64	GPR existing concrete	\$ 35,000	\$35,000.00	\$1,669,963.30	96.5%
29	1017	Relocate MW-105	\$ 5,000		\$1,669,963.30	96.5%
30	1022	Manhole covers	\$ 1,500		\$1,669,963.30	96.5%
31	74	Chemical room eyewash and water supply	\$ -		\$1,669,963.30	96.5%
32	1025	Administration building changes	\$ -		\$1,669,963.30	96.5%
33	1020	Gravity thickener supports	\$ 2,500		\$1,669,963.30	96.5%
34	38	Remove existing 8-inch scum line @ Sec Clar 4	\$ -		\$1,669,963.30	96.5%
35	1026	Chemical Room Floor	\$ 15,000		\$1,669,963.30	96.5%
36	1027	Filter bldg gate and valves	\$ 30,000		\$1,669,963.30	96.5%
37	1029	Storage Room ADB-129 window	\$ 2,000		\$1,669,963.30	96.5%
38	1030	Sludge pumping station roof	\$ 30,000		\$1,669,963.30	96.5%
39	1031	Garage bathroom	\$ 40,000		\$1,669,963.30	96.5%
40	1032	Admin/process building windows	\$ 20,000		\$1,669,963.30	96.5%
41	1035	Delete blower discharge valves	\$ (5,000)		\$1,669,963.30	96.5%

Uxbridge Wastewater Treatment Facility BNR and Infrastructure Upgrade
Proposed Change Order (PCO) Log & Project Funding Budget Status
General Contractor: Daniel O'Connell's Sons, Inc.
Contract No. 2016-05; GHD Job No. 8618922A

May 14, 2018

Initial Contract Value: \$34,604,926.00
Contingency: \$1,730,246
Construction Budget: \$36,335,172

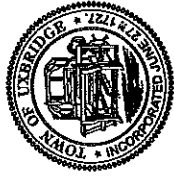
PCO No.	Response to RFI	Work Item Descriptions	GHD Rough Estimate	Negotiated Value	Net Available	Net Available as %
42	105	ADB pull stations	\$ 2,000		\$1,669,963.30	96.5%
43	83	Details for lifting eyes	\$ (6,000)		\$1,669,963.30	96.5%
44	75R	Water supply size	\$ -		\$1,669,963.30	96.5%
45	76R	Emergency eyewash and shower	\$ 8,000		\$1,669,963.30	96.5%
46	79	Flow alarms	\$ 1,000		\$1,669,963.30	96.5%
47	1037	Plant water system gate valves	\$ 20,000		\$1,669,963.30	96.5%
48	1036	Gravity thickener guard rails	\$ (20,000)		\$1,669,963.30	96.5%
49	82R1	Louver openings	\$ 10,000		\$1,669,963.30	96.5%
50	1039	Process Admin Bldg duct modifications	\$ (1,000)		\$1,669,963.30	96.5%
51	92	W05 window type	\$ -		\$1,669,963.30	96.5%
52	1040	Glycol storage	\$ 4,000		\$1,669,963.30	96.5%
53	1038	Process Bldg. HVAC (west)	\$ 20,000		\$1,669,963.30	96.5%
54	93	Roof Openings - Admin. Bldg.	\$ 10,000		\$1,669,963.30	96.5%
55	1046	Water line - Process Bldg.	\$ 7,500		\$1,669,963.30	96.5%
56	1049	Slide Gates	\$ 1,000		\$1,669,963.30	96.5%
57	1047	Process Bldg. Roof Openings	\$ 75,000		\$1,669,963.30	96.5%
58	109	Toilet Carrier	\$ 20,000		\$1,669,963.30	96.5%
59	117	Chemical Building Gr.	\$ -		\$1,669,963.30	96.5%
60	2C	Vents for OWS	\$ -		\$1,669,963.30	96.5%
61	1003A	Utility Coordination	\$ 5,000		\$1,669,963.30	96.5%
62	1050	Filter Bldg. Clean Out	\$ (5,000)		\$1,669,963.30	96.5%
63	WCD1	Boiler Abatement	\$ 10,000		\$1,669,963.30	96.5%
		TOTAL		\$60,283.00		

Uxbridge Wastewater Treatment Facility BNR and Infrastructure Upgrade
Proposed Change Order (PCO) Log & Project Funding Budget Status
General Contractor: Daniel O'Connell's Sons, Inc.
Contract No. 2016-05; GHD Job No. 8618922A

May 14, 2018

Initial Contract Value: \$34,604,926.00
Contingency: \$1,730,246
Construction Budget: **\$36,335,172**

PCO No.	Response to RFI	Work Item Descriptions	GHD Rough Estimate	Negotiated Value	Net Available	Net Available as %
UNNUMBERED						
	1023	Septage unloading pad CB and drain	\$ 1,000			
	1024	Slide gate FTB-SG-03	\$ 10,000			
	1052	Vacuum Pump	\$ 2,500			
	1053	Chem PW	\$ 2,000			
	1	Missile testing for Transluscent Panels	\$ (100)			
	2D	Coring OWS-4	\$ 2,000			
	4	Gate valve and pinch valve at Septage Building	\$ (8,000)			
	61	OWS 4	\$ 5,000			
	66	Details for openings in existing roof structures	\$ 25,000			
		New Scum Line in Clarifier Area	\$ 5,000			
		TOTAL - Numbered and Unnumbered	\$ 549,350			



TOWN OF UXBRIDGE
WWTF BUILDING COMMITTEE
UXBRIDGE, MASSACHUSETTS 01569

MEETING SIGN IN SHEET
WEDNESDAY, MAY 16, 2018, 5:00 pm
LOWER TOWN HALL, 21 SOUTH MAIN STREET, UXBRIDGE, MA

INITIAL	NAME	AFFILIATION	ADDRESS	PHONE	EMAIL
<i>LB</i>	Dale Bangma	WWTF Building Committee			
<i>JM</i>	Joe Marchand	WWTF Building Committee			
<i>EV</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
<i>AE</i>	Angie Ellison	Town Manager			aellison@uxbridge-ma.gov
<i>ST</i>	Sandy Tripp	GHD (Designer)			sandy.tripp@ghd.com
<i>MD</i>	Marc Drainville	GHD (Designer)			marc.drainville@ghd.com
<i>LT</i>	Laurie Toscano	Weston & Sampson (OPM)			ltoscano@wseinc.com
	Frank Woodfall	Keville Enterprises			fwoodfall@keville.com