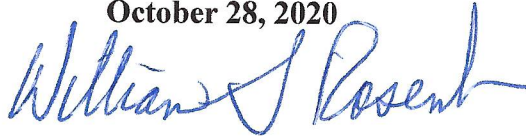


**ENGINEER'S STATUS REPORT  
HARRIS COUNTY FRESH WATER SUPPLY DISTRICT No. 61**

**October 28, 2020**



Prepared by William G. Rosenbaum, P.E. #45894  
Lockwood, Andrews & Newnam, Inc., TBPE Firm #F-2614

**A. Design – Construction Projects**

1. Water and Sanitary Relocations: North Eldridge Parkway at FM 1960 (12094) –

<u>Tasks</u>	<u>Date</u>	<u>Status</u>
<b><u>TxDOT Construction</u></b>		
Notice to Proceed	<b>October 2020</b>	
Actual Construction Start	<b>February 2021</b>	
<b><u>TxDOT Reimbursement Agreement with #61</u></b>		
Phone meeting with TxDOT on Reimbursements	9/23/2020	Completed
Follow-up phone meeting with TxDOT		
Submit Draft Reimbursement Agreement to TxDOT		
Submit Final Reimbursement Agreement to TxDOT		
<b><u>District Easements</u></b>		
44 Easement Surveys sent to Smith Murdaugh	3/1/2020	Completed
5 Easement Surveys updated	6/1/2020	Completed
Receive easement values from Appraisers	8/14/2020	Completed
Receive estimated legal fees from Smith, Murdaugh	8/26/2020	Completed
Easements granted & recorded or right of entry obtained	<b>1/2/2021</b>	
<b><u>District Water &amp; Sanitary Relocation Plans</u></b>		
Submit plans for final review/approval	11/2/2020	
Plans ready for approval, subject to easements	12/15/2020	
Submit easements, Approval of Plans	1/12/2021	
<b><u>Authorization to Advertise for Bids</u></b>		
Advertise for Construction Bids	11/6 & 11/13	
Receive Construction Bids	11/24/2020	
Award Construction Contract	11/25/2020	
Start Construction	<b>12/1/2020</b>	
Complete Construction	4/1/2021	

**ACTION ITEM** – Authorize the advertising for bids

2. Sanitary Sewer Phase 7 & 9 Rehabilitation (12169) (BI 18) –The contractor is King Solution Services. Pay Application No. 3 was approved at the 9/9/20 Board meeting.

3. WWTP No. 2 (Hastings Green) Lift Station Rehabilitation (12176) – The Preliminary Engineering Report was presented to the Board at the 2/12/20 meeting. The rehab plans will be prepared for a Fall 2020 Bidding Schedule.
4. WWTP No. 1 (Barwood) Lift Station & Remaining District Lift Stations – The Preliminary Engineering Report was presented to the Board at the 2/19/20 meeting.

**B. Construction Warranty Status**

<u>Inspection</u>	<u>Expiration</u>	<u>Project</u>
5/10/20	7/10/20	Sanitary Sewer 4 & 5 Rehabilitation (12021) MH's repairs being scheduled
12/12/20	2/12/21	Sanitary Sewer 6 Television (12049)
5/8/21	7/8/21	Wortham Falls DP Improvements (12188)
5/15/21	7/15/21	WP 3 & Aerial WL Crossings Recoating (12134)

**C. Permit / Plan Status**

1. America's Water Infrastructure Act (AWIA) of 2018 – Risk and Resilience Assessment due **6/30/21**, Emergency Response Plan due 12/30/21
2. Barwood WWTP No. 1 – TPDES Discharge Permit 10876-001  
Issued: 7/18/2017 Expires: **3/1/2022** Start permit renewal on **3/1/2021**
3. Barwood WWTP #1 - Storm Water Pollution Prevention Permit (SWPPP)  
Issued: 8/14/2016 Expires: **8/14/2021** Start permit renewal on **8/14/2020**  
Renewal underway
4. Hastings Green WWTP No. 2 - TPDES Permit No. 10876-002  
Issued: 7/6/2017 Expires: **3/1/2022** Start permit renewal on **3/1/2021**
5. Hastings Green WWTP No. 2 - Storm Water Pollution Prevention Permit (SWPPP)  
Issued: 8/14/16 Expires: **8/14/2021** Start permit renewal on **8/14/2020**  
Renewal underway
6. Water Conservation Plan (WCP)  
Next Plan Update due: **5/1/2024**
7. Drought Contingency Plan (DCP)  
Next Plan Update due: **5/1/2024**
8. TCEQ Emergency Preparedness Plan  
Approved by TCEQ: 4/26/10, submitted to the County Judge, Public Utility Commission,

Texas Department of Emergency Management and the Harris County Office of Emergency Management.

9. Water Monitoring Plan

Prepared and sent to the Assistant General Manager on 9/1/20

**D. Miscellaneous Projects**

1. Buildout Projections & System Capacity – We have completed the Alternative Capacity Study to determine the maximum number of connections that the water system can service. We are preparing the report to submit to the TCEQ.
2. Magellan Pipeline Easement – Assigned 8/9/18.
3. NHCRWA – We will be designing the #61 Chloramination Systems at each Water Plant for the NHCRWA Transmission Line Engineers. The Authority will be funding these systems.
4. Capital Improvement Plan (CIP) – No change
5. Bond Issue 18 – No change
6. Bond Issue 19 – Supporting bond sale efforts
7. WWTP 1 (Barwood) – Sent Declaration of Emergency letter to TCEQ on 9/17/20
8. Harris County Drainage Improvement Project, Barwood & Tower Oaks Subdivisions - Harris County staff have determined that the work is complete and they have requested payment of 61's portion in the amount of \$330,035.75. We have obtained the Plans and Contract Documents and have determined that all work items are complete.
9. Timberlake Improvement District - Water Plant 2 – Consideration of acquisition. We have reviewed the preliminary cost estimates developed by the Timberlake Improvement District Engineer and have reviewed the well performance test.

**E. Utility Commitments / Site Plan Reviews / Utility Requests**

1. Tract 4C-1, 0.9642 acres, 3,530 SF Retail – Requested service to 1 ESFC on 2/5/20.
2. Tract 4N2 – 0 Glenora, 3.1077 acres proposed townhomes – On 5/29/19 requested utility info from Eric Lien with Mission Engineering, acting as agent for the owner. Previous contact info was the Developer is Drew Patel Development, engineer was J. L. Trevino.
3. Tract 8A6 – SE Corner of Huffmeister Road and White Oak Landing – Owner is NTV Group, designer is J.L. Trevino. Requesting utility capacity for 2 shell retail buildings, 11,925 SF of retail space, 1,089 gpd Water and 838 gpd Wastewater.

4. Tract 11B – Michoacani Meat Market & Shopping Center - 13867 Cypress N Houston, just west of Cypress Junction Shopping Center. 11,000 SF Meat Market & 4,000 SF Shopping Center, 13.5 ESFC, 5,528 gpd Water and 4,253 gpd Wastewater.
5. Tract 17I - NW corner Huffmeister & Birdcall - proposed Gas Station, Retail Center and Convenience Store. Vantani Consulting Engineers, Prasad Maragani, P.E.
6. Tract 17K3 – SE corner of Birdcall & Huffmeister Road, proposed 240-unit apartment complex. Utility commitment requested by Johnathan Rosen with The Interfin Companies on 5/17/19.
7. Tract 19C4 - 3.263 ac Business Park (9 Buildings) located on east side of Huffmeister just north of Tuckerton – Proposed 40,000 SF business pa buildings, 13.4 ESFC, 5,487 gpd Water, 4,221 gpd wastewater, Refugio Trejo, P.E. design engineer, Owner is Plaza On Huffmeister, LP.
8. Tract 19E – Industrial Business Park – A 108,280 SF Office/Warehouse Building is proposed within #61 requiring 16.9 ESFC or 5,492 gpd of water service from #61. A 92,800 SF & 66,980 SF building are proposed within HCMUD #188.
9. Tract 25A-C (NW corner of FM 1960 & Jones Road) - Wingfield Partners, potential redevelopment of Bank Tract and relocation of detention pond. Tract 25A Proposed Fast Food Restaurant requesting Utility Capacity Letter, Ray Alcala w/ Jones & Carter Engineers. Reviewed plans and sent comments.
10. Tract 36F - 1.5628 acres south of Foxburo Drive & east side N. Eldridge Parkway - Plaza North Eldridge LLC is the owner and on 2/22/18 they requested 2,500 gpd capacity for a 17,032 SF Retail Center.
11. Tract \_\_\_\_\_ - 2.46 acre tract, 11003 Jones Road – Annexation Study performed 4/17/19. Proposed 2-story motel with 50 guest rooms, a 2500 SF commercial kitchen and a 2000 SF Banquet Hall. Requesting 12,807 gpd water and wastewater service. Contact Catalyst Technical Group, Inc.

## **F. Potential Annexations**

No current activity