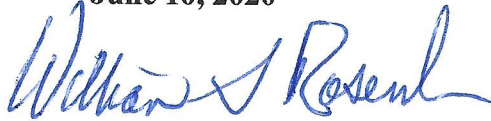


**ENGINEER'S STATUS REPORT
HARRIS COUNTY FRESH WATER SUPPLY DISTRICT No. 61**

June 10, 2020



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

A. Design – Construction Projects

1. Water, Sanitary and Lift Station Relocations: Eldridge Parkway at FM 1960 (12094) – TxDOT is proposing to widen all four approaches of the N. Eldridge Parkway / FM 1960 intersection. TxDOT is acquiring additional Right-of-Way (ROW) adjacent to the existing ROW. Any existing utilities under the proposed pavement sections must be relocated. The District has many existing water lines and sanitary sewer lines located either within the existing street ROWs or within easements adjacent to the ROWs. The District's water & sanitary sewer relocation plans are complete. New easements are being proposed and some won't meet the City of Houston requirements without a variance being granted. We met with Ms. Kathlee Bullock, PhD, P. E., Assistant Director of Public Works for the City of Houston and per her direction and have resubmitted the plans.

Current TxDOT Schedule:

Letting (Advertising) Date: **August 2020**

Notice to Proceed: **October 2020**

Actual Construction Start: **January 2021**

<u>Remaining Tasks</u>	<u>Date</u>	<u>Status</u>
Deliver 21 easements to Smith Murdaugh	12/11/2019	Completed
Deliver remaining easements to Smith Murdaugh	12/31/2019	Completed
Begin easement acquisition process	3/1/2020	Underway
Offer letters going to Landowners	6/1/2020	
Submit Draft Reimbursement Agreement & Costs to TxDOT	6/15/2020	
Start advertising for construction bids	8/15/2020	
Easements granted & recorded, Take possession	9/7/2020	
After easements are obtained, submit plans for approval	9/7/2020	
Submit Final Reimbursement Agreement & Costs to TxDOT	9/8/2020	
Receive Construction Bids	9/15/2020	
Receive City of Houston Approval of Plans	10/7/2020	
Award Construction Contract	9/16/2020 or 10/7/2020	
Start Construction	10/7/2020 or 10/14/2020	
Complete Construction	2/14/2021	

2. Water Plant No. 3 & Aerial Water Line Crossings Recoating – The contractor is Pardalis Industrial Enterprises and the Notice to Proceed was issued on 1/30/2020. The contractor's plan is to finish the interior of the GST and then start one of the hydro-tanks. Pay Application 2 was approved at the 5/13/20 Board meeting.

ACTION ITEM – Review and approve Pay Application 3, **see pages 5 - 9.**

ACTION ITEM – Review and approve Pay Application 1 & Final, **see pages 10-12.**

3. Wortham Falls Detention Pond Improvements – The contractor is Scott Sitework, LLC at the 4/8/20 Board meeting. This project will be funded by the SPA funds. The work is underway.

ACTION ITEM – Review and approve Pay Application 1, **see pages 13-16.**

4. Sanitary Sewer Phase 7 & 9 Rehabilitation (12169) –The contractor is King Solution Services. The funding source is Bond Issue 18. The Notice to Proceed was issued for 5/25/20.
5. 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.
6. 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	Elevated Storage Tank No. 2 Recoating (12135)
5/10/20	7/10/20	Sanitary Sewer 4 & 5 Rehabilitation (12021)
12/12/20	2/12/21	Sanitary Sewer 6 Television (12049)

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**
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**

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.

D. Miscellaneous Projects

1. Buildout Projections & System Capacity – We are conducting an Alternative Capacity Study to determine the maximum number of connections that the water system can service.
2. Magellan Pipeline Easement – Assigned 8/9/18. Awaiting as-built plans of pipeline construction to access future detention pond expansion options
3. NHCRWA – Phase II Water Distribution Route Study is underway by the Authority. #61 Staff and LAN have reviewed the preliminary connection plans and met with the NHCRWA Consultant.
4. Capital Improvement Plan (CIP) – Updated and presented at the 2/19/20 meeting.
5. Bond Issue 18 – See the approved vs actual on **page 17**.
6. Bond Issue #19 – The preparation of the Engineering Report to support this Bond Issue was authorized at the 4/8/20 Board meeting. The work is underway. A draft should be ready in June.

E. Utility Commitments / Site Plan Reviews / Utility Requests

1. Tract 4C-1, 0.9642 acres, 3,530 SF Retail – 2/5/20 Requested 1 ESFC
2. Tract 4N2 – 0 Glenora, 3.1077 acres proposed townhomes – Request on 5/29/19 for 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 – Southeast corner of Birdcall & Huffmeister Road, 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 park 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.

F. Potential Annexations

1. Annexation Tract 61 - 11003 Jones Road, a 2.4622-acre Tract, located just west of Apple Dentist - The Owner/Developer is Drew Patel with Patel-Tex, Inc. The landowner made a presentation to the Board on 7/20/16. The Owner's engineer, Catalyist Group, had previously requested Utility Capacity for a 2-story Motel with Commercial Kitchen and Banquet Hall, which was granted.
2. Annexation Tract 62 – 11107 Jones Road, a 1.8352-acre tract located on the north side of Chelsea Oaks Drive west of Jones Road within the Crossbend Village Subdivision - HCAD #131-679-001-0001, proposed single-family or townhomes or Doctor Office.
3. Annexation Tract 63 / 6.96-acre Business Park, 11220 FM 1960 – Owner/developer is ASP 1960 LLC, contact is Josh Rendon, HCAD 0431900000043. Proposed 80-room hotel, 3,000 SF Restaurant, 10,000 SF Retail, Car Wash.

Tracts 61 – 63 were combined into one annexation application of 11.256 acres which was approved by the City of Houston, the #61 Board of Directors and recorded on 4/22/2020.

APPLICATION FOR PAYMENT
 WATER PLANT NO. 3 RECOATING
 OWNER: HARRIS COUNTY FRESH WATER SUPPLY DISTRICT NO. 61
 LAN PROJECT NO. 120-12134-000-600 (6.8)
 CONTRACTOR: PARDALIS INDUSTRIAL ENTERPRISES, INC.

APPLICATION NO.: 3 PERIOD: 04/26/20 TO 05/25/20
 APPLICATION DATE: 05/27/20

CONTRACT TIME

Contract Date:	<u>12/18/19</u>
Notice to Proceed:	<u>01/30/20</u>
Contract Calendar Days & Approved Time Extensions:	<u>161</u>
Calendar Days to Date:	<u>116</u>
Percent Time Used:	<u>72%</u>
Percent Complete:	<u>69%</u>

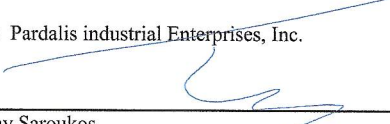
CONTRACT COST

Original Contract Amount:	<u>\$ 367,660.00</u>
Net Change Orders (See attached Change Order Summary): (Includes Change Order No. 1)	<u>\$ 8,000.00</u>
Current Contract Amount:	<u>\$ 375,660.00</u>
Work Complete to Date:	<u>\$ 259,035.00</u>
Less Amount Retained (10%):	<u>\$ (25,903.50)</u>
Less Previous Payment to Contractor:	<u>\$ (146,043.00)</u>
AMOUNT DUE THIS PAYMENT:	<u>\$ 87,088.50</u>

CONTRACTOR'S Certification:

The undersigned CONTRACTOR certifies that: (1) all previous progress payments received from OWNER on account of Work done under the Contract referred to above have been applied to discharge in full all obligations of CONTRACTOR incurred in connection with Work covered by prior Applications for Payment numbered 1 thru 2 inclusive; (2) title to all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to OWNER at time of payment free and clear of all liens, claims, security interest and encumbrances (except such as are covered by Bond acceptable to OWNER indemnifying OWNER against any such lien, claim, security interest or encumbrance); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and not defective as that term is defined in the Contract Documents.

CONTRACTOR: Pardalis industrial Enterprises, Inc.

By: 
 Tony Saroukos

Date: 06/03/2020

ENGINEER: Lockwood, Andrews & Newnam, Inc.

By: 
 Kenrick B. Piercy, P.E.

Date: 06/03/2020

APPROVED BY: Harris County Fresh Water Supply District No. 61

By: _____
 Ben Solis, President

Date: _____

APPLICATION FOR PAYMENT
WATER PLANT NO. 3 RECOATING
OWNER: HARRIS COUNTY FRESH WATER SUPPLY DISTRICT NO. 61
LAN PROJECT NO. 120-12134-000-600 (6.8)
CONTRACTOR: PARDALIS INDUSTRIAL ENTERPRISES, INC.

APPLICATION NO. 3 PERIOD: 04/26/20 TO 05/25/20
APPLICATION DATE: 05/27/20

ITEM NO.	ITEM DESCRIPTION	UNIT	CONTRACT QUANTITY	COMPLETED			CONTRACT UNIT PRICE	AMOUNT
				THIS EST.	PREVIOUS	TO DATE		
1	Mobilization	LS	1	0	1	1	\$15,000.00	\$15,000.00
2	Surface Preparation of Exterior Surfaces of 250,000-gallon Ground Storage Tank No. 1 and Corresponding Exterior Tank Appurtenances, Including Abrasive Blasting, Complete in Place	LS	1	0.25	0.75	1.00	\$26,500.00	\$26,500.00
3	Coating of Exterior Surfaces of 250,000-gallon Ground Storage Tank No. 1 and Corresponding Exterior Tank Appurtenances, Complete in Place	LS	1	0.41	0.25	0.66	\$26,500.00	\$17,490.00
4	Surface Preparation of Interior Surfaces of 250,000-gallon Ground Storage Tank No. 1, Including Abrasive Blasting, Complete in Place	LS	1	0	1	1	\$30,500.00	\$30,500.00
5	Coating of Interior Surfaces of 250,000-gallon Ground Storage Tank No. 1, Complete in Place	LS	1	0	1	1	\$30,500.00	\$30,500.00
6	Miscellaneous Items for 250,000-gallon Ground Storage Tank No. 1, Including Surface Preparation and Coating of Interior Ladder and Bolts for Manway; Disinfection, Complete in Place	LS	1	0.00	0.50	0.50	\$2,200.00	\$1,100.00
7	Surface Preparation of Exterior Surfaces of 250,000-gallon Ground Storage Tank No. 2 and Corresponding Exterior Tank Appurtenances, Including Abrasive Blasting, Complete in Place	LS	1	0.80	0	0.80	\$26,500.00	\$21,200.00
8	Coating of Exterior Surfaces of 250,000-gallon Ground Storage Tank No. 2 and Corresponding Exterior Tank Appurtenances, Complete in Place	LS	1	0.25	0	0.25	\$26,500.00	\$6,625.00
9	Surface Preparation of Interior Surfaces of 250,000-gallon Ground Storage Tank No. 2, Including Abrasive Blasting, Complete in Place	LS	1	0.20	0.50	0.70	\$30,500.00	\$21,350.00
10	Coating of Interior Surfaces of 250,000-gallon Ground Storage Tank No. 2, Complete in Place	LS	1	0.50	0.10	0.60	\$30,500.00	\$18,300.00
11	Miscellaneous Items for 250,000-gallon Ground Storage Tank No. 2, Including Surface Preparation and Coating of Interior and Exterior Ladder, Bolts for Manway, and Existing Platform and Handrails Between Ground Storage Tanks; Weep Holes for Platform Between Ground Storage Tanks; Disinfection, Complete in Place	LS	1	0.20	0.20	0.40	\$5,000.00	\$2,000.00
12	Surface Preparation of Exterior Surfaces of 27,000-gallon Hydropneumatic Tank No. 1 and Corresponding Exterior Tank Appurtenances, Including Abrasive Blasting, Complete in Place	LS	1	0	1	1	\$4,750.00	\$4,750.00
13	Coating of Exterior Surfaces of 27,000-gallon Hydropneumatic Tank No. 1 and Corresponding Exterior Tank Appurtenances, Complete in Place	LS	1	0.00	0.66	0.66	\$4,750.00	\$3,135.00
14	Surface Preparation of Interior Surfaces of 27,000-gallon Hydropneumatic Tank No. 1, Including Abrasive Blasting, Complete in Place	LS	1	0	1	1	\$4,750.00	\$4,750.00

6

APPLICATION FOR PAYMENT
WATER PLANT NO. 3 RECOATING
OWNER: HARRIS COUNTY FRESH WATER SUPPLY DISTRICT NO. 61
LAN PROJECT NO. 120-12134-000-600 (6.8)
CONTRACTOR: PARDALIS INDUSTRIAL ENTERPRISES, INC.

APPLICATION NO. 3 PERIOD: 04/26/20 TO 05/25/20
APPLICATION DATE: 05/27/20

ITEM NO.	ITEM DESCRIPTION	UNIT	CONTRACT QUANTITY	COMPLETED			CONTRACT UNIT PRICE	AMOUNT
				THIS EST.	PREVIOUS	TO DATE		
15	Coating of Interior Surfaces of 27,000-gallon Hydropneumatic Tank No. 1, Complete in Place	LS	1	0	1	1	\$4,750.00	\$4,750.00
16	Miscellaneous Items for 27,000-gallon Hydropneumatic Tank No. 1, Including Bolts for The Manway; Disinfection, Complete in Place	LS	1	0	0	0	\$1,000.00	\$0.00
17	Surface Preparation of Exterior Surfaces of 27,000-gallon Hydropneumatic Tank No. 2 and Corresponding Exterior Tank Appurtenances, Including Abrasive Blasting, Complete in Place	LS	1	0	1	1	\$4,750.00	\$4,750.00
18	Coating of Exterior Surfaces of 27,000-gallon Hydropneumatic Tank No. 2 and Corresponding Exterior Tank Appurtenances, Complete in Place	LS	1	0.00	0.66	0.66	\$4,750.00	\$3,135.00
19	Surface Preparation of Interior Surfaces of 27,000-gallon Hydropneumatic Tank No. 2, Including Abrasive Blasting, Complete in Place	LS	1	1	0	1	\$4,750.00	\$4,750.00
20	Coating of Interior Surfaces of 27,000-gallon Hydropneumatic Tank No. 2, Complete in Place	LS	1	1	0	1	\$4,750.00	\$4,750.00
21	Miscellaneous Items for 27,000-gallon Hydropneumatic Tank No. 2, Including Bolts for Manway; Disinfection, Complete in Place	LS	1	0	0	0	\$1,000.00	\$0.00
22	Surface Preparation and Coating, Including Abrasive Blasting, of All Existing Above Ground Piping, Booster Pump Piping and Well Header Piping, Including Valves, Complete in Place	LS	1	1	0	1	\$14,000.00	\$14,000.00
23	Surface Preparation and Coating of Existing Generator Enclosure, Including Pressure Washing and Sanding, Complete in Place	LS	1	0.00	0.75	0.75	\$2,500.00	\$1,875.00
24	Surface Preparation and Coating of Existing Transformer, Including Pressure Washing and Sanding, Complete in Place	LS	1	0.00	0.75	0.75	\$1,300.00	\$975.00
25	Surface Preparation and Coating of Existing CMU Booster Pump Building, Including Doors, Trim, and Bollards to Match Existing, Complete in Place	LS	1	0.00	0.75	0.75	\$11,000.00	\$8,250.00
26	Surface Preparation of Exterior Surfaces of Aerial Water Line Crossing No. 1, Including Power Washing and Spot Repair, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
27	Coating of Exterior Surfaces of Aerial Water Line Crossing No. 1, Including all Valves, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
28	Surface Preparation of Exterior Surfaces of Aerial Water Line Crossing No. 2, Including Power Washing and Spot Repair, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
29	Coating of Exterior Surfaces of Aerial Water Line Crossing No. 2, Including all Valves, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00

APPLICATION FOR PAYMENT
WATER PLANT NO. 3 RECOATING
OWNER: HARRIS COUNTY FRESH WATER SUPPLY DISTRICT NO. 61
LAN PROJECT NO. 120-12134-000-600 (6.8)
CONTRACTOR: PARDALIS INDUSTRIAL ENTERPRISES, INC.

APPLICATION NO. 3 PERIOD: 04/26/20 TO 05/25/20
APPLICATION DATE: 05/27/20

ITEM NO.	ITEM DESCRIPTION	UNIT	CONTRACT QUANTITY	COMPLETED			CONTRACT UNIT PRICE	AMOUNT
				THIS EST.	PREVIOUS	TO DATE		
30	Surface Preparation of Exterior Surfaces of Aerial Water Line Crossing No. 3, Including Power Washing and Spot Repair, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
31	Coating of Exterior Surfaces of Aerial Water Line Crossing No. 3, Including all Valves, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
32	Surface Preparation of Exterior Surfaces of Aerial Water Line Crossing No. 4, Including Power Washing and Spot Repair, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
33	Coating of Exterior Surfaces of Aerial Water Line Crossing No. 4, Including all Valves, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
34	Surface Preparation of Exterior Surfaces of Aerial Water Line Crossing No. 5, Including Power Washing and Spot Repair, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
35	Coating of Exterior Surfaces of Aerial Water Line Crossing No. 5, Including all Valves, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
36	Surface Preparation of Exterior Surfaces of Aerial Water Line Crossing No. 6, Including Power Washing and Spot Repair, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
37	Coating of Exterior Surfaces of Aerial Water Line Crossing No. 6, Including all Valves, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
38	Surface Preparation of Exterior Surfaces of Aerial Water Line Crossing No. 7, Including Power Washing and Spot Repair, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
39	Coating of Exterior Surfaces of Aerial Water Line Crossing No. 7, Including all Valves, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
40	Steel Patches Welded Over Damaged Areas Due to Blasting, 6-Inch Diameter Patch, As Directed by Engineer, Complete in Place	EA	25	25	0	25	\$144.00	\$3,600.00
41	Site Restoration, Including Sodding of Disturbed Areas, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
	<u>Change Order No. 1</u>							
42	Remove and Replace Foundation Sealant for Ground Storage Tank No. 1 and Ground Storage Tank No. 2, Complete in Place	EA	2	0	1	1	\$3,000.00	\$3,000.00
43	Remove and Replace Vent Screens on Ground Storage Tank No. 1 and Ground Storage Tank No. 2, Complete in Place	EA	4	4	0	4	\$500.00	\$2,000.00

TOTAL WORK COMPLETED TO DATE \$259,035.00

B

APPLICATION FOR PAYMENT
 WATER PLANT NO. 3 RECOATING
 OWNER: HARRIS COUNTY FRESH WATER SUPPLY DISTRICT NO. 61
 LAN PROJECT NO. 120-12134-000-600 (6.8)
 CONTRACTOR: PARDALIS INDUSTRIAL ENTERPRISES, INC.

APPLICATION NO. 3
 APPLICATION DATE 05/27/20

PERIOD: 04/26/20 TO 05/25/20

Legend
 = Calendar Days ~~X~~ = Non-Working Days

Month	Days															
Jan, 2020	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	17	18	19	20	21	22	23	24	25	26	27	28	29	30-NTP	31	
Feb	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
29	17	18	19	X	X	X	22	23	X	X	25	26	27	28	29	
Mar	1	2	3	4	5	6	7	8	9	10	X	12	13	14	15	16
31	17	18	19	X	X	X	22	23	24	25	26	27	28	29	30	31
Apr	1	2	3	X	5	6	7	8	9	X	11	12	13	14	15	16
30	17	18	19	20	X	22	23	24	25	26	27	28	X	30		
May	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	X
25	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
June	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
July	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Aug	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Sept	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Oct	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Nov	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Dec	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
116	Total Days to Date															

Contract Time Summary

Notice to Proceed	1/30/20
Original Contract Days	150
Previously Approved Non-Working Days Time Extension	9
Approved Non-Working Days Time Extension This Period	2
Previously Approved Time Extensions by Change Order	0
Approved Time Extensions This Period by Change Order	0
Total Contract Calendar Days and Approved Time Extensions	161
Substantial Completion	7/9/20

Days Used

Notice to Proceed	1/30/20
Previous Calendar Days	86
Calendar Days This Period	30
Total Days to Date	116
Actual Substantial Completion	

9



**Lockwood, Andrews
& Newnam, Inc.**
A LEO A DALY COMPANY

June 2, 2020

Board of Directors
Harris County Fresh Water Supply District No. 61
13205 Cypress-N. Houston Road
Cypress, Texas 77429

RE: Water Plant No. 3 Recoating – Valve Replacement(s)
LAN Project No. 120-12134-000-600 (6.8)

Dear Directors:

Enclosed herewith is Application for Payment No. 1 & Final submitted by Harris County Fresh Water Supply District No. 61 in the amount of \$16,600.73.

We have reviewed this Pay Application and recommend payment by Harris County Fresh Water Supply District No. 61 in the amount stated. Return a digital copy to Lsorrell@lan-inc.com for further distribution.

If you have any questions, please feel free to contact me at 713-821-0411.

Sincerely,

Kenrick B. Piercy, P.E.
Project Engineer

KBP:ls

Enclosures

cc: Jerry Homan – HCFWSD No. 61 (w/encl)
Jennifer Seipel – Smith, Murdaugh, Little & Bonham (w/encl)
TCEQ - Region 12 Office (w/encl)

APPLICATION FOR PAYMENT
WATER PLANT NO. 3 RECOATING - VALVE REPLACEMENT(S)
OWNER: HARRIS COUNTY FRESH WATER SUPPLY DISTRICT NO. 61
LAN PROJECT NO. 120-12134-000-600 (6.8)
CONTRACTOR: HARRIS COUNTY FRESH WATER SUPPLY DISTRICT NO. 61

APPLICATION NO.: 1 & Final PERIOD: 03/31/20 TO 05/25/20
APPLICATION DATE: 6/2/2020

CONTRACT QUANTITIES

Original Contract Amount:	\$ 16,600.73
Net Change Orders (See attached Change Order Summary):	\$ -
Current Contract Amount:	\$ 16,600.73
Work Complete to Date:	\$ 16,600.73
Less Amount Retained (0%):	\$ -
Less Previous Payment to Contractor:	\$ -
AMOUNT DUE THIS PAYMENT:	<u>\$ 16,600.73</u>

CONTRACT COST

Harris County Fresh Water Supply District has assessed the value of the work performed above to be \$16,600.73.

CONTRACTOR: Harris County Fresh Water Supply District No. 61

By: 
Brian Breeding, Assistant General Manager

Date: 6/2/2020

ENGINEER: Lockwood, Andrews & Newnam, Inc.

By: 
NEWRICK D. FIERCY, P.E.

Date: 06/02/2020

APPROVED BY: Harris County Fresh Water Supply District No. 61

By: _____
Darrell Barroso, President - Board of Directors

Date: _____

APPLICATION FOR PAYMENT
 WATER PLANT NO. 3 RECOATING - VALVE REPLACEMENT(S)
 OWNER: HARRIS COUNTY FRESH WATER SUPPLY DISTRICT NO. 61
 LAN PROJECT NO. 120-12134-000-600 (6.8)
 CONTRACTOR: HARRIS COUNTY FRESH WATER SUPPLY DISTRICT NO. 61

APPLICATION NO. 1 & Final
 APPLICATION DATE: 6/2/2020

PERIOD: 03/31/20 TO 05/25/20

ITEM NO.	ITEM DESCRIPTION	UNIT	CONTRACT QUANTITY	COMPLETED			CONTRACT UNIT PRICE	AMOUNT
				THIS EST.	PREVIOUS	TO DATE		
1	Replace Leaking 16-inch Butterfly Valves Isolating the HPT's, Including Valves and Materials, Complete in Place.	LS	1	1	0	1	\$16,600.73	\$16,600.73

TOTAL WORK COMPLETED TO DATE \$16,600.73

12



**Lockwood, Andrews
& Newnam, Inc.**

A LEO A DALY COMPANY

May 29, 2020

Board of Directors
Harris County Fresh Water Supply District No. 61
13205 Cypress-N. Houston Road
Cypress, Texas 77429

RE: Pay Application No. 1
Wortham Falls Detention Pond Improvements
Harris County Fresh Water Supply District No. 61
LAN Project No. 120-12188-000-600 (6.8)

Dear Directors:

Enclosed herewith is Pay Application No. 1 submitted by Scott Sitework, LLC in the amount of \$81,424.64.

We have reviewed this Pay Application and recommend payment by Harris County Fresh Water Supply District No. 61 in the amount stated. Return a digital copy to lsorrell@lan-inc.com for further distribution.

The source of funds is the SPA Account. If there are any questions, please feel free to contact me directly at 713-821-0336.

Sincerely,

Chelsea R. Bretz, P.E.
Project Manager

CRB:ls

Enclosures

cc: Jerry Homan – HCFWSD No. 61 (w/encl)
Jennifer Seipel – Smith, Murdaugh, Little & Bonham (w/encl)
TCEQ - Region 12 Office

APPLICATION FOR PAYMENT
 WORTHAM FALLS DETENTION POND IMPROVEMENTS
 OWNER: HARRIS COUNTY FRESH WATER SUPPLY DISTRICT NO. 61
 LAN PROJECT NO. 120-12188-000-600 (6.8)
 CONTRACTOR: SCOTT SITEWORK, LLC

APPLICATION NO.: 1 PERIOD: 05/04/20 TO 05/25/20
 APPLICATION DATE: 05/27/20

CONTRACT TIME

Contract Date: 04/22/20
 Notice to Proceed: 05/04/20
 Contract Calendar Days & Approved Time Extensions: 65
 Calendar Days to Date: 21
 Percent Time Used: 32%
 Percent Complete: 80%

CONTRACT COST

Original Contract Amount: \$ 109,666.26
 Adjustment in Quantities: \$ (2,324.61)
 Net Change Orders (See attached Change Order Summary): \$ -
 Current Contract Amount: \$ 107,341.65
 Work Complete to Date: \$ 85,710.15
 Less Amount Retained (5%): \$ (4,285.51)
 Less Previous Payment to Contractor: \$ -
 AMOUNT DUE THIS PAYMENT: \$ 81,424.64

CONTRACTOR'S Certification:

The undersigned CONTRACTOR certifies that: (1) all previous progress payments received from OWNER on account of Work done under the Contract referred to above have been applied to discharge in full all obligations of CONTRACTOR incurred in connection with Work covered by prior Applications for Payment numbered 1 thru 1 inclusive; (2) title to all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to OWNER at time of payment free and clear of all liens, claims, security interest and encumbrances (except such as are covered by Bond acceptable to OWNER indemnifying OWNER against any such lien, claim, security interest or encumbrance); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and not defective as that term is defined in the Contract Documents.

CONTRACTOR: Scott Sitework, LLC

By: Paul Scott
 Paul Scott, President

Date: 5-28-20

ENGINEER: Lockwood, Andrews & Newnam, Inc.

By: Chelsea R. Bretz
 Chelsea R. Bretz, P.E.

Date: 5/29/2020

APPROVED BY: Harris County Fresh Water Supply District No. 61

By: Darrell A. Barroso
 Darrell A. Barroso, President

Date: _____

APPLICATION FOR PAYMENT
 WORTHAM FALLS DETENTION POND IMPROVEMENTS
 OWNER: HARRIS COUNTY FRESH WATER SUPPLY DISTRICT NO. 61
 LAN PROJECT NO. 120-12188-000-600 (6.8)
 CONTRACTOR: SCOTT SITEWORK, LLC

APPLICATION NO. 1
 APPLICATION DATE: 05/27/20

PERIOD: 05/04/20 TO 05/25/20

ITEM NO.	ITEM DESCRIPTION	UNIT	CONTRACT QUANTITY	COMPLETED			CONTRACT UNIT PRICE	AMOUNT
				THIS EST.	PREVIOUS	TO DATE		
1	Excavation of Drainage Swales including Grading and Shaping of Basin in Accordance with the Grading Plan, Complete in Place	CY	1,086	1,086	0	1,086	\$15.75	\$17,104.50
2	Earth Embankment to Lines and Grades as Shown on Grading Plans, Complete in Place	CY	598	598	0	598	\$39.21	\$23,447.58
3	Hauling of Excess Excavated Material to be Disposed of Off-Site, As Directed by Engineer		244					
	Adjustment to Bid Item - Add		136					
		CY	380	380	0	380	\$12.81	\$4,867.80
4	Hauling of Excess Excavated Material to be Disposed of at Hastings Green Waste Water Treatment Plant, As Directed by Engineer		244					
	Adjustment to Bid Item - Deduct		(244)					
		CY	0	0	0	0	\$11.68	\$0.00
5	Backslope Swale Interceptor Structure, Including 24-Inch HDPE Outfall Pipe, Complete in Place	EA	2	2	0	2	\$7,875.00	\$15,750.00
6	Adjusting Manhole to Grade, As Directed by Engineer, Complete in Place	EA	2	0	0	0	\$282.50	\$0.00
7	6-Foot Wide Concrete Pilot Channel, Complete in Place		102					
	Adjustment to Bid Item - Add		5					
		SY	107	107	0	107	\$68.63	\$7,343.41
8	Hydromulch Seeding, Complete in Place	AC	4.5	0	0	0	\$2,580.00	\$0.00
9	Implementation, Maintenance, and Removal of Storm Water Pollution Prevention Plan, Complete in Place	LS	1	0.60	0	0.60	\$4,705.00	\$2,823.00
10	Implementation, Maintenance, and Removal of Stabilized Construction Entrance/Exit, Complete in Place	EA	3	3	0	3	\$1,592.00	\$4,776.00
11	Implementation, Maintenance, and Removal of Reinforced Filter Fabric Fence, Complete in Place	LF	7,080	4,250	0	4,250	\$1.90	\$8,075.00
12	Implementation, Maintenance, and Removal of Inlet Protection, Complete in Place	EA	16	10	0	10	\$66.25	\$662.50
13	Implementation, Maintenance, and Removal of Concrete Truck Washout Area, Complete in Place	LS	1	1	0	1	\$720.00	\$720.00
14	Implementation, Maintenance, and Removal of Rock Filter Dam, As Directed by Engineer, Complete in Place		2					
	Adjustment to Bid Item - Deduct		(2)					
		EA	0	0	0	0	\$780.00	\$0.00
15	Trench Safety System 5' Deep and Greater, Complete in Place	LF	116	116	0	116	\$1.21	\$140.36
16	Site Restoration, Including Removal and Replacement of Damaged Concrete Pavement, Curb and Gutter, Plants, Shrubs, Fences and Trees, As	LS	1	0	0	0	\$1,800.00	\$0.00

TOTAL WORK COMPLETED TO DATE \$85,710.15

APPLICATION FOR PAYMENT
 WORTHAM FALLS DETENTION POND IMPROVEMENTS
 OWNER: HARRIS COUNTY FRESH WATER SUPPLY DISTRICT NO. 61
 LAN PROJECT NO. 120-12188-000-600 (6.8)
 CONTRACTOR: SCOTT SITEWORK, LLC

APPLICATION NO.
 APPLICATION DATE

1
05/27/20

PERIOD: 05/04/20 TO 05/25/20

Legend
 = Calendar Days ~~X~~ = Non-Working Days

Month	Days															
<u>Jan, 2020</u>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<u>Feb</u>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29			
<u>Mar</u>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<u>Apr</u>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<u>May</u>	1	2	3	4-NTP	5	6	7	8	9	10	11	12	13	14	15	16
21	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<u>June</u>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
<u>July</u>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<u>Aug</u>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<u>Sept</u>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<u>Oct</u>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<u>Nov</u>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
<u>Dec</u>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
21	Total Days to Date															

Contract Time Summary

Notice to Proceed	5/4/20
Original Contract Days	65
Previously Approved Non-Working Days Time Extension	0
Approved Non-Working Days Time Extension This Period	0
Previously Approved Time Extensions by Change Order	0
Approved Time Extensions This Period by Change Order	0
Total Contract Calendar Days and Approved Time Extensions	65
Substantial Completion	7/8/20

Days Used

Notice to Proceed	5/4/20
Previous Calendar Days	0
Calendar Days This Period	21
Total Days to Date	21
Actual Substantial Completion	

APPROVED vs ACTUAL									
Harris County Fresh Water Supply District No. 61									
Bond Issue #18, Series 2017, \$11,345,000									
LAN Jc 120-01890-001-987									
As of 6/08/20									
Construction Cost (1)	Status	Est. Amount = Bid Amount = Final Amount =	E B F	Amount Approved by TCEQ	Construction	Contingencies	Total		
A. Developer Contribution Items									
Total Developer Contribution Items									
		#61's Share		\$0					
B. District Items									
1	U.S. Highway 290 - 12-inch Water Line Relocation (11111)	Completed 2/18/16	F	\$203,601	\$203,601	\$0	\$203,601		\$203,601
2	U.S. Highway 290 - Water Line Crossing (11929)	Completed 5/21/18	F	\$262,000	\$262,000	\$26,200	\$288,200		\$288,200
3	Water Plant No. 3 Ground Storage Tank Recoating (12134)	NTP 1/24/20	C	\$375,660	\$250,000	\$25,000	\$275,000		\$275,000
4	Elevated Storage Tank No. 2 Recoating (12135)	Completed 7/10/19	F	\$372,723	\$250,000	\$25,000	\$275,000		\$275,000
5	Water Meter Replacement Program - Phase 1	Underway by 61 crews	E	\$3,562,500	\$3,562,500	\$356,250	\$3,918,750		\$3,918,750
6	Sanitary Sewer Phase 5 Rehabilitation (12010) combined with Phase 4	Completed 5/13/19	F	\$668,450	\$650,000	\$65,000	\$715,000		\$715,000
7	Sanitary Sewer Phase 6 Television Inspection (12149)	Completed 1/8/20	F	\$87,035	\$150,000	\$15,000	\$165,000		\$165,000
9	Sanitary Sewer Phase 8 Television Inspection	Not yet started	E	\$150,000	\$150,000	\$15,000	\$165,000		\$165,000
8	Sanitary Sewer Phase 7 Rehabilitation (12169)	NTP 5/25/20		\$700,000	\$700,000	\$70,000	\$770,000		\$770,000
10	Sanitary Sewer Phase 9 Rehabilitation (12169)	NTP 5/25/20		\$600,000	\$600,000	\$60,000	\$660,000		\$660,000
	Sanitary Sewer Phase 7 & 9 Subtotal	NTP 5/25/20	B	\$1,387,650	\$1,300,000	\$130,000	\$1,430,000		\$1,430,000
11	Sanitary Sewer to serve Tracts 19E & 32	Completed 12/10/18	F	\$73,585	\$150,000	\$15,000	\$165,000		\$165,000
12	Hastings Green WWTP (No. 2) Trunk Line & Manhole Rehabilitation Phase 1	Completed 9/11/15	F	\$476,287	\$476,287	\$0	\$476,287		\$476,287
13	Hastings Green WWTP (No. 2) Trunk Line & Manhole Rehabilitation Phase 1 - Bypass Pumping	Completed 9/11/15	F	\$97,744	\$97,744	\$0	\$97,744		\$97,744
14	Hastings Green WWTP (No.2) Trunk Line Rehabilitation Phase 1	Completed 11/16/16	F	\$400,164	\$400,164	\$0	\$400,164		\$400,164
15	Hastings Green WWTP (No.2) Air Header Replacement (118)	Completed 4/26/17	F	\$145,702	\$112,662	\$11,266	\$123,929		\$123,929
	District Construction Items Total			\$8,487,996	\$8,014,956	\$683,716	\$8,698,673		\$8,698,673
16	Contingencies (2)			\$191,331	\$683,716				
17	Engineering (3)		E	\$1,725,921	\$1,725,921				
	Total District Items			\$10,405,248	\$8,014,956	\$683,716	\$8,698,673		\$8,698,673
TOTAL CONSTRUCTION & ENGINEERING COSTS									
NON-CONSTRUCTION COSTS									
A.	Legal Fees (4)			\$230,000					
B.	Fiscal Agent Fee (5)			\$152,500					
C.	Bond Discount (3%)			\$337,500					
D.	Bond Issuance Expenses (5)			\$27,781					
E.	Bond Application Report Costs			\$40,000					
F.	TCEQ Review Fee (0.25%)			\$28,125					
G.	Attorney General's Fee (0.10% up to \$9,500 max)			\$9,500					
	TOTAL NON-CONSTRUCTION COSTS			\$825,406					
	BOND ISSUE REQUIREMENT (BIR)			\$11,250,000					

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