



MEMO

To: City of Bloomfield

From: HR Green, Inc.

Subject: Progress Report No. 1

Date: May 27, 2020

Woodruff Construction submitted Pay Application No.1 in the amount of \$129,409.21 for work completed through May 26, 2020. 5% of the original pay request (\$136,220.22) has been withheld as contingency until the project is completed. HR Green has approved Pay Application No.1 and recommends that the City approve the application at the June 4th council meeting.

Pay Application No.1 includes the following completed items: partial mobilization and removal of sludge in Lagoons 2 and 3. The planned work for the next month is as follows:

- Install berm within Lagoon Cell 2
- Start excavation for SAGRs and new blower building

If you have any questions, please feel free to contact me at 319-841-4304 or hjindrich@hrgreen.com.

Haley Jindrich, EIT

Staff Engineer

A handwritten signature in black ink that reads 'Haley Jindrich'.

Enclosures: Pay Application No.1; Construction Schedule



ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE

Contractor's Application for Payment No.

One

| | |
|--|--|
| Application Period: May 1st - May 31st, 2020 | Application Date: 5/26/2020 |
| To (Owner): City of Bloomfield | From (Contractor): Woodruff Construction LLC |
| Project: Waste Water System Improvements | Contract: Wastewater Treatment System Improvements |
| Owner's Contract No.: | Contractor's Project No.: #20-038 |
| | Engineer's Project No.: HRG #171462 |

**Application For Payment
Change Order Summary**

| Approved Change Orders | | | |
|------------------------|-----------|------------|---|
| Number | Additions | Deductions | |
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| TOTALS | | | 1. ORIGINAL CONTRACT PRICE..... \$ <u>\$7,035,674.33</u> |
| NET CHANGE BY | | | 2. Net change by Change Orders..... \$ _____ |
| CHANGE ORDERS | | | 3. Current Contract Price (Line 1 ± 2)..... \$ <u>\$7,035,674.33</u> |
| | | | 4. TOTAL COMPLETED AND STORED TO DATE |
| | | | (Column F total on Progress Estimates)..... \$ <u>\$136,220.22</u> |
| | | | 5. RETAINAGE: |
| | | | a. 5% X <u>\$136,220.22</u> Work Completed..... \$ <u>\$6,811.01</u> |
| | | | b. 5% X _____ Stored Material..... \$ _____ |
| | | | c. Total Retainage (Line 5.a + Line 5.b)..... \$ <u>\$6,811.01</u> |
| | | | 6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)..... \$ <u>\$129,409.21</u> |
| | | | 7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)..... \$ _____ |
| | | | 8. AMOUNT DUE THIS APPLICATION..... \$ <u>\$129,409.21</u> |
| | | | 9. BALANCE TO FINISH, PLUS RETAINAGE |
| | | | (Column G total on Progress Estimates + Line 5.c above)..... \$ <u>\$6,906,265.12</u> |

Contractor's Certification
 The undersigned Contractor certifies, to the best of its knowledge, the following:
 (1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
 (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, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and
 (3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor Signature: *[Signature]*
 By: *[Signature]* Date: 5/27/20

Payment of: \$ \$129,409.21
 (Line 8 or other - attach explanation of the other amount)

is recommended by: *Haley Jindich* 5/27/2020
 (Engineer) (Date)

Payment of: \$ _____
 (Line 8 or other - attach explanation of the other amount)

is approved by: _____
 (Owner) (Date)

Approved by: _____
 Funding or Financing Entity (if applicable) (Date)

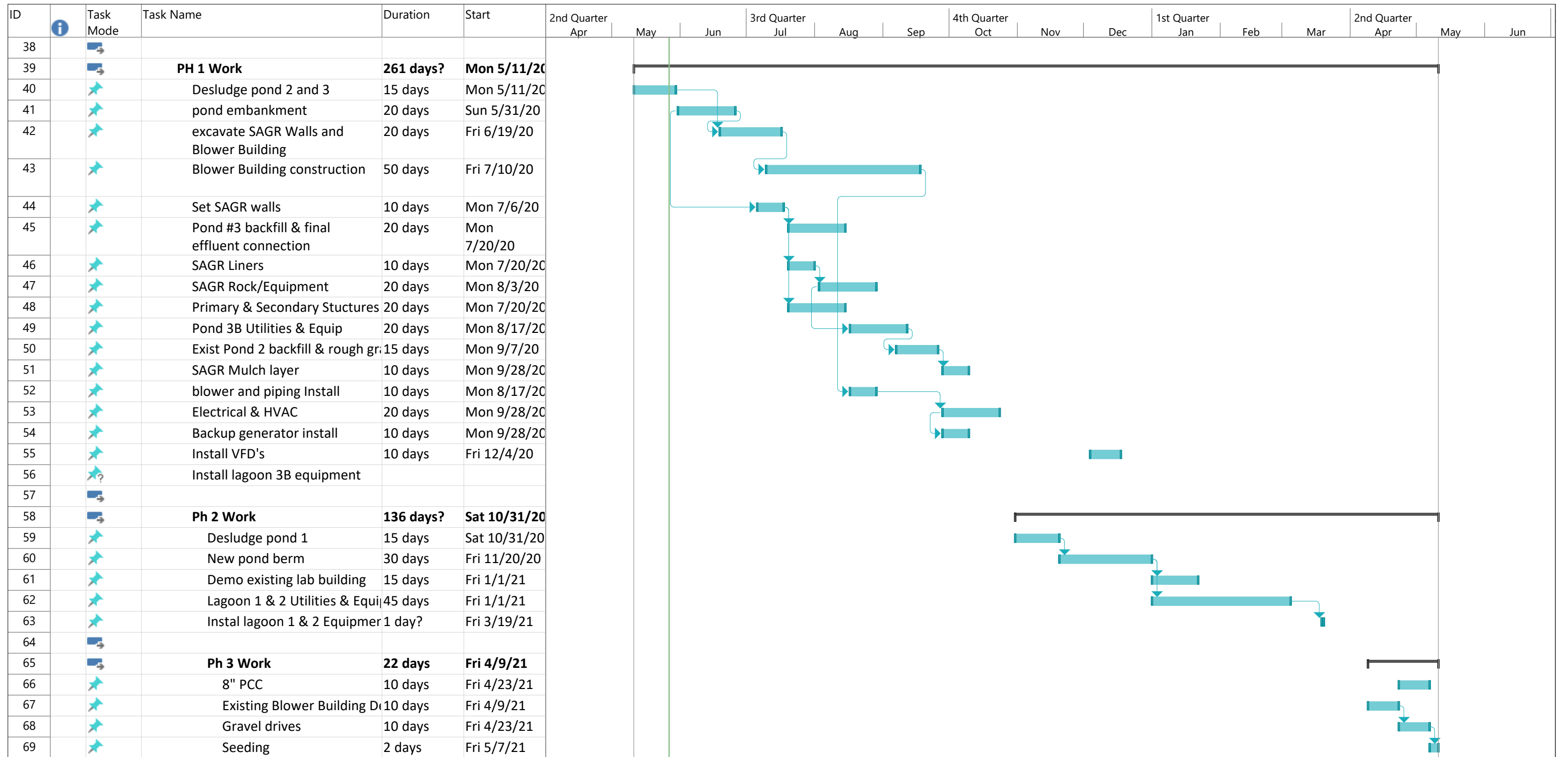


BID ITEMS

| | Description | Unit | | Extended Price | Quantity Completed | Value Completed |
|------|--|------|------|----------------|--------------------|-----------------|
| 1.01 | Mobilization/tes/misc | ls | 1 | 1642908.68 | 3% | \$41,072.72 |
| 1.02 | Geotechnical borings of fill material | ls | 1 | 4000.00 | 0% | \$0.00 |
| 1.03 | WWTP warning signs | ea | 9 | 111.11 | 0% | \$0.00 |
| 1.04 | WWTP Entrance sign Allowance | ea | 1 | 6000.00 | 0% | \$0.00 |
| 1.05 | Office room allowance | ls | 1 | 15000.00 | 0% | \$0.00 |
| 1.06 | Paintined Pavment markings | ls | 1 | 1500.00 | 0% | \$0.00 |
| | | | | \$ - | 0% | \$0.00 |
| 2.01 | Demolition of existing Aeration | ls | 1 | 3578.47 | 0% | \$0.00 |
| 2.02 | Demo of existing lab building | ls | 1 | 6000.00 | 0% | \$0.00 |
| 2.03 | Plug abandoned piping | ls | 1 | 5100.00 | 0% | \$0.00 |
| 2.04 | Sludge removal | ls | 1 | 380590.00 | 25% | \$95,147.50 |
| 2.05 | Remove & replace trash basket LS 1100 | ls | 1 | 3757.27 | 0% | \$0.00 |
| 2.06 | Remove & replace davit crane LS 1100 | ls | 1 | 5362.95 | 0% | \$0.00 |
| 2.07 | Remove & Replace Parshal flume TK 1500 | ls | 1 | 10276.19 | 0% | \$0.00 |
| 2.08 | Rmove and replace bar screen TK 1500 | ls | 1 | 7420.80 | 0% | \$0.00 |
| 2.09 | Relocat effluent sampler | ls | 1 | 200.00 | 0% | \$0.00 |
| 2.10 | Replace pump cables LS 1100 | ls | 1 | 17900.00 | 0% | \$0.00 |
| 2.11 | Existing berm restoration | ls | 1 | 30500.00 | 0% | \$0.00 |
| | | | | \$ - | 0% | \$0.00 |
| 3.01 | Blower building concrete | ls | 1 | 61955.12 | 0% | \$0.00 |
| 3.02 | Generator foundation & pad | ls | 1 | 8934.98 | 0% | \$0.00 |
| 3.03 | Transformer pad | ls | 1 | 1125.03 | 0% | \$0.00 |
| 3.04 | Effluent sampler pad | ls | 1 | 466.45 | 0% | \$0.00 |
| 3.05 | Equip pad - LS 1100 panel | ls | 1 | 175.00 | 0% | \$0.00 |
| 3.06 | Equip pad - LS 1240 panel | ls | 1 | 175.00 | 0% | \$0.00 |
| 3.07 | bollards | ea | 3 | 482.59 | 0% | \$0.00 |
| 3.08 | Concrete pier piping supports | ea | 64 | 792.62 | 0% | \$0.00 |
| 3.09 | Lagoon piping inlet pads | ea | 4 | 2625.03 | 0% | \$0.00 |
| 3.10 | PCC Drive 8" | sy | 1422 | 77.77 | 0% | \$0.00 |
| 3.11 | PCC Ramp | sy | 38 | 182.56 | 0% | \$0.00 |
| 3.12 | Sidewalk 4" | sy | 48 | 71.92 | 0% | \$0.00 |
| 3.13 | Swing gate footings | ls | 1 | 439.00 | 0% | \$0.00 |
| 3.14 | Lagoon cell 2 inlet MH 2160 | ls | 1 | 9456.00 | 0% | \$0.00 |
| 3.15 | Bypass MH 2260 | ls | 1 | 10595.00 | 0% | \$0.00 |
| 3.16 | Lagoon cells 3A MH 2320 | ls | 1 | 9292.00 | 0% | \$0.00 |
| 3.17 | Lagoon control manhole MH 2360 | ls | 1 | 14051.00 | 0% | \$0.00 |
| 3.18 | Primary splitter Structure TK 4010 | ls | 1 | 55087.77 | 0% | \$0.00 |
| 3.19 | Secondary splitter structure | ls | 1 | 56023.85 | 0% | \$0.00 |
| 3.20 | SAGR Level control MH 7100 | ls | 1 | 3571.00 | 0% | \$0.00 |
| 3.21 | Precast Top LS 110 & Valve Vault | ls | 1 | 4774.03 | 0% | \$0.00 |
| | | | | \$ - | 0% | \$0.00 |
| 4.01 | Blower building masonry | ls | 1 | 52778.01 | 0% | \$0.00 |
| | | | | \$ - | 0% | \$0.00 |
| 5.01 | Aluminum Grating | sf | 450 | 63.21 | 0% | \$0.00 |
| | | | | \$ - | 0% | \$0.00 |
| 9.01 | Paints and coatings | ls | 1 | 12070.00 | 0% | \$0.00 |
| | | | | \$ - | 0% | \$0.00 |

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|-------|---|-----|--------|-----------|----|------------|----|--------|
| 22.01 | 16" plug valve | ea | 2 | 6683.00 | \$ | 13,366.00 | 0% | \$0.00 |
| 22.02 | 20" plug valve | ea | 1 | 13207.00 | \$ | 13,207.00 | 0% | \$0.00 |
| 22.03 | 20" gate valve | ea | 1 | 16439.00 | \$ | 16,439.00 | 0% | \$0.00 |
| 22.04 | 4" butterfly valve | ea | 21 | 619.00 | \$ | 12,999.00 | 0% | \$0.00 |
| 22.05 | 6" butterfly valve | ea | 3 | 810.00 | \$ | 2,430.00 | 0% | \$0.00 |
| 22.07 | 12" butterfly valves | ea | 2 | 2551.00 | \$ | 5,102.00 | 0% | \$0.00 |
| 22.08 | Plumbing fixtures | ls | 1 | 20000.00 | \$ | 20,000.00 | 0% | \$0.00 |
| 22.09 | Plumbing piping & specialties | ls | 1 | 14000.00 | \$ | 14,000.00 | 0% | \$0.00 |
| | | | | | \$ | - | 0% | \$0.00 |
| 23.01 | Blower Building HVAC | ls | 1 | 61480.00 | \$ | 61,480.00 | 0% | \$0.00 |
| | | | | | \$ | - | 0% | \$0.00 |
| 25.01 | LS 1100 control panel | ls | 1 | 42189.00 | \$ | 42,189.00 | 0% | \$0.00 |
| 25.02 | LS 1240 control panel | ls | 1 | 36362.00 | \$ | 36,362.00 | 0% | \$0.00 |
| 25.03 | Instuments & panels- 2 DO, 2 Ultrasonic | ls | 1 | 29106.00 | \$ | 29,106.00 | 0% | \$0.00 |
| 25.04 | Master & remote panels - blower SCADA | ls | 1 | 41055.00 | \$ | 41,055.00 | 0% | \$0.00 |
| 25.05 | SCADA software and programming | ls | 1 | 41286.00 | \$ | 41,286.00 | 0% | \$0.00 |
| | | | | | \$ | - | 0% | \$0.00 |
| 26.01 | New generator and wiring | ls | 1 | 176041.00 | \$ | 176,041.00 | 0% | \$0.00 |
| 26.02 | Blower BLDG elec | ls | 1 | 191194.00 | \$ | 191,194.00 | 0% | \$0.00 |
| 26.03 | Power for LS 1240 | ls | 1 | 10475.00 | \$ | 10,475.00 | 0% | \$0.00 |
| 26.04 | Replace service for exist maint & blower building | ls | 1 | 39432.00 | \$ | 39,432.00 | 0% | \$0.00 |
| 26.05 | Remote instrumentation power circuits | ls | 1 | 26843.00 | \$ | 26,843.00 | 0% | \$0.00 |
| 26.06 | New site pole lights | ea | 2 | 3699.50 | \$ | 7,399.00 | 0% | \$0.00 |
| 26.07 | Retrofit site pole lights with new lighting circuit | ea | 8 | 4942.75 | \$ | 39,542.00 | 0% | \$0.00 |
| | | | | | \$ | - | 0% | \$0.00 |
| 27.01 | FO cable distubution | ls | 1 | 31026.00 | \$ | 31,026.00 | 0% | \$0.00 |
| | | | | | \$ | - | 0% | \$0.00 |
| 31.01 | site restoration | ls | 1 | 57500.00 | \$ | 57,500.00 | 0% | \$0.00 |
| 31.02 | excavation | ls | 1 | 53000.00 | \$ | 53,000.00 | 0% | \$0.00 |
| 31.03 | backfill | ls | 1 | 66400.00 | \$ | 66,400.00 | 0% | \$0.00 |
| 31.04 | new lagoon berms | ls | 1 | 411500.00 | \$ | 411,500.00 | 0% | \$0.00 |
| 31.05 | uniform graded rock | cy | 17547 | 44.67 | \$ | 783,824.49 | 0% | \$0.00 |
| 31.06 | equipment gravel | sf | 2425 | 1.00 | \$ | 2,425.00 | 0% | \$0.00 |
| 31.07 | gravel drive | sf | 30500 | 1.50 | \$ | 45,750.00 | 0% | \$0.00 |
| 31.08 | gravel overlay | sf | 42490 | 1.00 | \$ | 42,490.00 | 0% | \$0.00 |
| 31.09 | insulating mulch | cy | 1950 | 18.41 | \$ | 35,899.50 | 0% | \$0.00 |
| 31.10 | Geo fabric | sf | 129016 | 0.25 | \$ | 32,254.00 | 0% | \$0.00 |
| 31.11 | Wall framing and sheeting | lf | 2064 | 51.26 | \$ | 105,800.64 | 0% | \$0.00 |
| 31.12 | rip rap class E | ton | 381 | 55.00 | \$ | 20,955.00 | 0% | \$0.00 |
| 31.13 | Rivier rock landscaping | ton | 7 | 50.00 | \$ | 350.00 | 0% | \$0.00 |
| | | | | | \$ | - | 0% | \$0.00 |
| 32.01 | Metal swing gate 20' | ea | 2 | 750.00 | \$ | 1,500.00 | 0% | \$0.00 |
| 32.02 | Metal swing gate 16' | ea | 1 | 600.00 | \$ | 600.00 | 0% | \$0.00 |
| 32.03 | Metal swing gate 12' | ea | 1 | 430.00 | \$ | 430.00 | 0% | \$0.00 |
| 32.04 | Fencing | lf | 3395 | 7.62 | \$ | 25,869.90 | 0% | \$0.00 |
| | | | | | \$ | - | 0% | \$0.00 |
| 33.01 | 2" PE water service | lf | 27 | 109.89 | \$ | 2,967.03 | 0% | \$0.00 |
| 33.02 | 4" PVC sanitary piping | lf | 58 | 63.60 | \$ | 3,688.80 | 0% | \$0.00 |
| 33.03 | 12" PVC piping | lf | 1039 | 59.35 | \$ | 61,664.65 | 0% | \$0.00 |
| 33.04 | 18" PVC piping | lf | 629 | 74.80 | \$ | 47,049.20 | 0% | \$0.00 |
| 33.05 | 20" PVC certa lock piping | lf | 1198 | 179.03 | \$ | 214,477.94 | 0% | \$0.00 |

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|-------|-----------------------------------|----|-------|-----------|------------------------|----|----------------------|
| 33.06 | 21" PVC piping | If | 1190 | 107.52 | \$ 127,948.80 | 0% | \$0.00 |
| 33.07 | 6" SS aeration Header piping | If | 7 | 1739.00 | \$ 12,173.00 | 0% | \$0.00 |
| 33.08 | 8" SS aeration Header piping | If | 12 | 594.00 | \$ 7,128.00 | 0% | \$0.00 |
| 33.09 | 10" SS aeration Header piping | If | 28 | 649.00 | \$ 18,172.00 | 0% | \$0.00 |
| 33.10 | 12" SS aeration Header piping | If | 35 | 970.00 | \$ 33,950.00 | 0% | \$0.00 |
| 33.11 | 4" HDPE Aeration header piping | If | 640 | 36.52 | \$ 23,372.80 | 0% | \$0.00 |
| 33.12 | 6" HDPE Aeration header piping | If | 934 | 33.56 | \$ 31,345.04 | 0% | \$0.00 |
| 33.13 | 8" HDPE Aeration header piping | If | 637 | 36.50 | \$ 23,250.50 | 0% | \$0.00 |
| 33.14 | 10" HDPE Aeration header piping | If | 785 | 43.20 | \$ 33,912.00 | 0% | \$0.00 |
| 33.15 | 12" HDPE Aeration header piping | If | 863 | 46.35 | \$ 40,000.05 | 0% | \$0.00 |
| | | | | | \$ - | 0% | \$0.00 |
| 35.01 | Turtle Guard type 2 | ea | 4 | 200.00 | \$ 800.00 | 0% | \$0.00 |
| 35.02 | 12" slide gates | ea | 8 | 4326.45 | \$ 34,611.60 | 0% | \$0.00 |
| 35.03 | 18" slide gates | ea | 4 | 4986.49 | \$ 19,945.96 | 0% | \$0.00 |
| 35.04 | 20" slide gates | ea | 4 | 5298.00 | \$ 21,192.00 | 0% | \$0.00 |
| 35.05 | 21" slide gates | ea | 6 | 5429.40 | \$ 32,576.40 | 0% | \$0.00 |
| | | | | | \$ - | 0% | \$0.00 |
| 44.01 | SAGR equipment installation | ls | 1 | 706097.01 | \$ 706,097.01 | 0% | \$0.00 |
| 44.02 | SAGR HDPE liner | sf | 76376 | 0.96 | \$ 73,320.96 | 0% | \$0.00 |
| | | | | | \$ - | 0% | \$0.00 |
| 46.01 | Install lagoon aeration equipment | ls | 1 | 234171.02 | \$ 234,171.02 | 0% | \$0.00 |
| 46.02 | Baffle curtain | If | 260 | 77.60 | \$ 20,176.00 | 0% | \$0.00 |
| | | | | | \$ - | 0% | \$0.00 |
| | Total | | | | \$ 7,035,674.33 | | \$ 136,220.22 |



| | | | | | | | | | | |
|---|-----------|--|--------------------|--|-----------------------|--|--------------------|--|-----------------|--|
| Project: Sequence Schedule Date: Wed 5/27/20 | Task | | Project Summary | | Manual Task | | Start-only | | Deadline | |
| | Split | | Inactive Task | | Duration-only | | Finish-only | | Progress | |
| | Milestone | | Inactive Milestone | | Manual Summary Rollup | | External Tasks | | Manual Progress | |
| | Summary | | Inactive Summary | | Manual Summary | | External Milestone | | | |