Proposal and Pricing for

Primary Clarifier No. 1 Rehabilitation and Control Box replacement Project.

Prepared By: ClearStream Environmental, Inc.

Summary

ClearStream is proposing to demo and install a new 30' clarifier mechanism in the existing Primary Clarifier tank. We have been on site and evaluated the existing unit and understand the construction firm North Coast Fabrication out of Arcata, California to perform the onsite tear out and installation along with a ClearStream representative who will be on site the entire time the mechanism is being installed.

Project Understanding

ClearStream has worked with the District through the last year to help develop the scope of supply plus come on site and visited with the District to ascertain constructability and costs.

Attachments:

Proposal Reference List Project Organization and Key Personnel Insurance Certifications



PROPOSAL NO. 19-048 C

PROPOSAL Rev C

PROJECT NAME: Scotia

SPECIFICATION NO: Primary Clarifier No. 1 Rehabilitation and Control Box

Replacement Project

PROPOSAL DATE: October 9, 2019

BID DATE: October 10, 2019
REVISION DATE: October 17, 2019
EQUIPMENT: Supply and Install of:

One (1) 30' Diameter Shaft Drive Clarifier

ClearStream Environmental 9547 South 500 West Sandy, UT 84070

Phone: 801-676-1890 Fax: 801-676-1893

Contact: Larry DeBirk
Email: larry.debirk@clearstreameng.com

ClearStream Representative:

Contact: Ray Sprague Phone: 916-995-5500

Email: raysprague@jbiwater.com

MECHANICAL DESCRIPTION

One (1) 30' diameter x 6'-6" side water depth (with 1-1" free board) Clarifier mechanism for installation in an existing Concrete Tank. The mechanism shall consist of the following equipment:

- One bridge mounted precision bearing shaft drive mechanism to drive the rake arms.
 - Rake drive, Model S25-A is a low-speed, high-torque, totally enclosed gear drive with positive overload protection. The drive consist of a 1/2 HP, 3 phase, 220 Volt, 60 Hertz, motor, electric mechanical speed reducer, and precision main bearing designed for a continuous torque of 12,000 ft-lbs. The main bearing carries a ten-year warranty.
 - NOTE: The torque is twice the Specification amount due to the potential of grit accumulation in the clarifier (as had happened before).
- ClearStream will provide SS mounting hardware and install the District Supplied Control Panel to the walkway handrail (or other designated location) and wire up from the Junction box at the end of the walkway through conduit mounted to the walkway to the panel and to the Drive unit.
- One (1) Support/Access Bridge and Center Platform. Access walkway shall be 3' wide with aluminum grating, and aluminum 2-rail handrail. The center platform shall provide 24" clearance around the drive.
- One structural steel torque and influent shaft, sch. 40, 12" diameter with bottom seal bearing/influent connection.
- Two structural steel rake arm triangular trusses, with stainless steel squeegees.
- Feed well, 6'-0" diameter x 3'-6" deep, plated with 3/16" steel panels.
- One (1) Skimmer assembly to include scum deflector blade, and 3'-0" wide hinged skimmer w/ neoprene wipers.
- One (1) 3'-0" wide scum box with wall supports, Fernco coupling, and scum flushing valve.
- 304 SS Anchor Bolts.
- 304 SS Fasteners.
- Coating:
 - Surface Preparation:
 - Non-Immersion Service: SSPC-SP6 (commercial blast)
 - Immersion Service: SSPC-SP10 (near white blast)
 - Coating:
 - Non-Immersion Service: High Build Epoxy Primer, and Urethane Finish Coat.
 - Immersion Service: High Build Epoxy Primer, Polyamide Epoxy Finish Coat.

FIELD SERVICE:

• Field Service will consist of a minimum of 2 trip to take tank measurements for asbuilts, installation and check out of the mechanism, start up and training. ClearStream will be on site during the time that the mechanism is being installed by the North Coast Fabrication.

POTENTIAL ADDER:

• One set FRP Baffles. Baffles shall be 12" deep x 1/4" thick, with supports plus installation.

LIMITS AND EXCEPTIONS:

Proposal and pricing does not include:

- Electrical Interconnection Diagrams or Electrical Control Panel, unless called out in the proposal.
- Civil work including excavation, foundations, sidewalks, roads, curb and gutters or gravel surrounding the mechanism, platforms or buildings.

FIELD DEMOLITION AND ERECTION OF CLARIFIER MECHANISMS:

ClearStream is proposing to work with North Coast Fabrication located in Arcata, California to mobilize on site, demolition the existing mechanisms and install the newly supplied clarifier mechanisms as described below:

- Customer will supply an empty and clean tank and existing electrical disconnected prior to ClearStream mobilization.
- Demolition of one (1) 30' diameter Clarifier. We will provide dumpsters near the clarifier to load existing materials into the dumpsters to be hauled away.
- Demolition consists of Existing Bridge, Handrail, Grating, Drive Unit, Skimmer, Scum Box, Feedwell, Rake Arms, and Drive Shaft.
- Existing anchor bolts will be examined and a determination of whether the existing bolts can be re-utilized or if new epoxy type anchor bolts are required.
- Existing Weirs and baffles to remain in place (Optional Price for a new baffle is offered).
- Installation of new walkway.
- Mount the new drive unit to walkway. Install grating and handrails.
- Installation of new center drive shaft.
- Installation of new Feedwell and supports.
- Installation of new rake arms, skimmer supports and skimmer.
- OPTIONAL: Installation of new baffles.
- Installation of new scum box.
- Electrician shall install and connect wiring to the drive unit and control panel.
- ClearStream will level the drive unit and make final adjustments for placing the unit back in service.
- ClearStream to touch up paint scratches made during shipping and / or installation.
- ClearStream to supply necessary oil to fill the drive unit.
- ClearStream will make any final adjustments to mechanism after filling.

INSTALLATION CONTRACTOR

North Coast Fabrication, a WBE company: California Contractor License: 883082

Business License: 1000029831

LIMITS AND EXCEPTIONS FOR FIELD WORK:

- Owner shall remove any obstruction to allow a crane reasonable access to the site.
 Currently an overhead power cable to a yard light and cable is above the working area will need to be removed.
- All materials to be painted A-36 carbon steel unless specifically indicated in the mechanism portion of this proposal
- ClearStream/NCF will supply its own crane. The operator will be a qualified member of the installation crew.
- The Hole Watch / Fire Watch / QA / Safety Person will the working foreman on site.
- ClearStream will utilize standard tie off procedures for field erection.
- Scaffolding, if required by ClearStream, will be supplied by ClearStream. Ladders and Tank builder type scaffolding will be utilized on site.
- The mechanism parts will be supplied finish coated and ClearStream will make every effort to minimize coating damage to the material however, normal handling and installation procedures will require some field touch up prior to placing the mechanism back in service.
- ClearStream has many years' experience installing these types of mechanisms and will have a full time field representative on site during the installation.
- Price is based on free and easy access to and around the tank foundations and shall be no less than 10 hours / day for 7 days / week. It is anticipated that ClearStream will work Monday – Friday depending on final schedule but will utilize the other days to make up rain delays if needed.
- While all care will be taken while on site, ClearStream cannot be held accountable for any damage to concrete floors, tanks, driveways, or lawns due to normal construction activities.
- Price is based on one (1) mobilization and de-mobilization to site. If additional move-in / move-out is required for reasons other than required by ClearStream, any cost will be passed along to the owner.
- Any standby cost for delays outside of ClearStream's control will be passed along to the owner. An example would be the tank is not empty and cleaned on the start day.
- Demolition and Erection is based on Non-Union jobsite with free and easy access to and around tank foundations.
- Prevailing wages are included.
- Any Welding if needed to be performed with E6010 and E7024 welding rods.
- Pricing includes a 1-million dollar general liability policy and a 2-million dollar umbrella. If higher limits are required all costs will be passed on at our cost.
- Estimated time of on-site construction: 5 to 8 days
- Taxes and / or Permits: Local, State or Federal by Owner.

PRICING

Pricing for the described equipment is as follows. The prices quoted do not include sales, excise, or other similar taxes. .

One (1) 30' Diameter Shaft Drive Clarifier Supply, Demolition and Installation \$ 168,185

Supply and install New FRP Baffle

\$9,690

Shipping is quoted as ex-works with full freight allowed to the job site. It is the responsibility of the contractor to check all components at receiving and issue all claims for damage or missing parts due to transport within 48 hours of receipt of equipment.

Additional Field Service for start-up and training is billed at \$1,500 per day plus customary expenses. Travel days are billed at ½ rate. Two-week advance notice is required or the increased flight cost will be added to the contract price

Schedule:

Submittal Drawing Schedule: 6 weeks after receipt of PO

Owner Review 2 to 4 weeks

Standard Deliver 18 to 24 weeks after receipt of Approved Submittals

Payment Terms and Conditions:

10% Upon Submittal

30% Upon Material Order

55% Upon shipment of mechanisms

5% Upon Checkout or 120 days from shipment, whichever occurs first

Terms are net 30 from billing. Late payment penalty is applied at 1.5% per month plus a monthly \$50 billing fee.

Items that are not specifically stated in the above proposal are not included.

STANDARD TERMS AND CONDITIONS

PRICE CONDITIONS: The price quoted herein shall remain in effect for a period of thirty (30) days of proposal date.

CANCELLATION: Any contract resulting from this quotation may be cancelled by the Purchaser only upon payment of reasonable cancellation charges, which shall take into account the expenses already incurred and commitments made.

DELIVERY: Delivery of the equipment quoted hereunder shall be made F.O.B. factory with full freight allowed unless noted otherwise. Shipping dates are approximate and are based upon receipt of all necessary information. ClearStream shall not be liable for damages caused by delays due to strikes, riot, warfare, act of God, accidents or other contingences beyond reasonable control of ClearStream. Our pricing is based on the schedule listed above. Should the project be delayed beyond that listed, ClearStream reserves the right to adjust our schedule and/or pricing to reflect current economic conditions.

DAMAGES: ClearStream Environmental shall in no event be liable for anticipated profits or consequential damages on the part of the owner/purchaser.

BACKCHARGES:

No back charge will be accepted unless first discussed and approved by ClearStream before work commences. A back charge Approval Form with scope of work and costs must be signed by an authorized ClearStream representative before work shall begin

TERMS OF PAYMENT: ClearStream Environmental shall invoice as stated in the Payment section of this proposal. Payment is due, unless otherwise stated, net thirty (30) days.

TAXES: The price quoted does not include sales, excise, or other similar taxes. All associated taxes shall be paid by the Purchaser or, in lieu thereof, provide ClearStream Environmental with a tax exemption certificate acceptable to the taxing authorities. ClearStream Environmental does not process local or state taxes unless legally required to do so. If ClearStream must process taxes via the equipment contract, Purchaser is responsible to correctly calculate the amount. Taxes then will be billed as a separate line item on the final invoice with a 10% service fee.

WARRANTY: ClearStream Environmental shall warrant the equipment for one (1) year against defects in workmanship or material and reserve the right to repair or replace the defective parts. Equipment not manufactured by ClearStream Environmental shall carry the warranty of the manufacture thereof. ClearStream Environmental makes not warranties, expressed or implied, other than as herein expressed.

TITLE: Title to the equipment sold hereunder shall remain in the possession of ClearStream Environmental until the purchase price is paid in full. The purchaser shall do all acts necessary to protect and maintain the equipment until title is exchanged.

Northern California Plant Contact List

Complete Installation List



Northern California Contact Installation List

PO Year Job Name/Location/Equipment type

2012 Dry Creek WWTP, Roseville, CA

(4) 85' dia. Suction Header Clarifiers

Engineer: WATER Works, Engineers

Scott Buecker (916) 780-2888

Contractor: Auburn Constructors

Andrew Granner (916) 924-0344

2012 Sacramento Regional WWTP

(1) 130' dia. Suction Header Clarifier Retrofit

Engineer: SAC Regional

Guillermo Robles, P.E.

(916) 875-9217

2013 Pyrite Canyon Mine

(2) 22' Diameter Solids Contact Clarifiers and Tanks

Engineer: Tetra Tech

Contact: Steve Allmer, C.W. Roen

(925)837-5501, Ext. 117 sallmer@cwroen.com

2015 Gualala, CA

(1) 24' dia. Shaft Drive Clarifier

Plant: Chris Troyan, General Manager

Gualala Community Service District

707-785-2331

2015 Hayward, CA

(1) 80' Diameter Circular Primary Clarifier

Contractor: Howard Reese, Mountain Cascade

(925)525-2596

Plant: Ray Busch

(510)293-5212 Susan England (510)293-5098



Northern California Contact Installation List

PO Year Job Name/Location/Equipment type

2016 Dublin San Ramon, CA

(2) 19'6" Square Shaft Drive Clarifiers

Engineer: Kruger/Veolia Water Technologies

Greg Smith (919)653-4552

2016 Del Valle WTP

(1) 24' Diameter Solids Contact Clarifier

Contact: Shane Maynard

(916)533-6833

2017 Bass Lake WWTP, CA

(2) 28' Diameter Suction Header Clarifiers

Contact: Chad Brown

559-675-7811

Engineer: Carollo

(559) 436-6616

2017 Cement Hill, CA

(1) 72' Diameter Solids Contact Clarifier

Plant Contact: Uriel Romero

(707)455-4045



Job Name/Location/Equipment type PO Year 2003 City of Appleton, Wisconsin (2) 45' dia. Thickeners. **OEM Account** Zapotlanejo, Mexico 2004 74' dia. Secondary Clarifier **Design Only** 2004 BP Chemical - Decatur, Alabama (1) 26' stainless steel clarifier with lift, elevated tank and erection Engineer: BP AVC Technology 2005 Millersburg, Ohio (1) 48' diameter Spiral Blade Clarifier **ATS Engineers** Engineer: 2005 Duke Energy, South Carolina (1) 40' thickener with lift **OEM Account** 2005 BP Chemical - Decatur, Alabama (2) 26' diameter stainless steel clarifiers with lift, elevated tank and erection Engineer: **BP AVC Technology** Pleasant Prairie, Wisconsin 2005 (1) 17' diameter clarifier with lift **OEM Account** 2005 BP Chemical, Unit 1 - Cooper River, South Carolina (1) 32' diameter stainless steel clarifier with lift, elevated tank and erection 2005 Wooster, Ohio (3) 60' Primary Clarifiers (1) 40' FOG Clarifier (Dissolved Air Flotation Clarifier) Engineer: **ATS Engineers** 2005 Kissimmee, FL (1) 18.5' clarifier (316 stainless steel) **OEM Account** Salisbury, MD 2005 (1) 110' diameter secondary clarifier, 4 walkway replacements.

O'Brien & Gere

Engineer:



| Installation List | | |
|-------------------|--|--|
| PO Year | Job Name/Location/Equipment type | |
| 2005 | Camuy, Puerto Rico (6) 50' Clarifiers Engineer: Roe and Associates | |
| 2005 | Mak Engineering, China (1) 80' diameter Solids Contact Clarifier | |
| 2005 | Belews Creek, Duke Energy (2) 50' Cage Drive Solid Contact Clarifiers | |
| 2006 | Wichita, Kansas (1) 17'-6" diameter clarifier (304 stainless steel) OEM Account | |
| 2006 | Somersworth, NH (2) 13'-3" Clarifiers OEM Account | |
| 2006 | BP Chemical, Unit 2 – Cooper River, South Carolina (1) 26' diameter stainless steel clarifier with lift, elevated tank and erection. | |
| 2006 | Talpa, Mexico (2) 14 M Secondary Clarifiers | |
| 2006 | Saltillo Principal, Mexico (5) 30 M Primary Flocculating Clarifiers (5) 38.8 M Secondary Clarifiers – Spiral Blade | |
| 2006 | La Morino, Mexico (2) 30 M Secondary Clarifiers | |
| 2006 | Saltillo – Gran Bosque, Mexico (2) 15.2 M Secondary Clarifiers | |
| 2006 | Tijuana – Los Olivos, Mexico (2) 46.5 M Secondary Clarifiers – Spiral Blade | |
| 2006 | Oaxaca, Mexico (3) 42.3 M Secondary Clarifiers – Spiral Blade | |
| 2006 | Anasco, Puerto Rico (1) 25' Thickener | |



| | Installation List |
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| PO Year | Job Name/Location/Equipment type |
| 2006 | Lares, Puerto Rico (2) 32' Primary Shaft Drive Clarifiers (2) 50' Secondary Shaft Drive Clarifiers. |
| 2006 | Dorado, PR (1) 55' Diameter Clarifier |
| 2006 | Tijuana – La Gloria (2) 32 M Secondary Clarifiers – Spiral Blade |
| 2006 | Tijuana – La Morita (2) 32 M Secondary Clarifiers – Spiral Blade |
| 2006 | Rabigh Refinery, Saudi Arabia (1) 25 M Segmented Blade Clarifier (1) 35 M Segmented Blade Clarifier Engineer: TSK Co., LTD. |
| 2006 | Allen Steam Station, SC (2) 40' Diameter Cage Drive Solids Contact Clarifiers OEM Account |
| 2006 | Monroe Steam Station, MI (2) 55' Diameter Cage Drive Solids Contact Clarifiers OEM Account |
| 2006 | Reliant Power (2) 25' diameter Solids Contact Clarifiers OEM Account |
| 2007 | Geneva, NY (1) 21' Shaft Drive Clarifier OEM Account |
| 2007 | Patillas, PR (1) 35' Thickener Engineer: Luis Hernandez Y Asociados, CSP. |
| 2007 | City of St. Joseph, MO (2) 120' Primary Clarifiers - Spiral Blade Engineer: The City of St. Joseph |



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| PO Year | Job Name/Location/Equipment type |
| 2007 | Las Marias, PR (2) 16' Diameter Shaft Drive Clarifiers OEM Account |
| 2007 | Gilbert, AZ (2) 21'-3" Shaft Drive Clarifiers OEM Account |
| 2007 | Papillion, NY (1) 19' Shaft Drive Clarifier OEM Account |
| 2007 | Hindman, KY (2) 11'-2" Diameter Shaft Drive Clarifiers OEM Account |
| 2007 | Samsung (1) 28' Solids Contact Clarifier OEM Account |
| 2007 | Fairfield, Ca (2) 28' Diameter Shaft Drive Clarifiers. OEM Account |
| 2007 | Hatfield Ferry, Mason, PA (2) 45' Solids Contact Clarifiers OEM Account |
| 2007 | Manchester, NH (3) 145' Clarifiers – Spiral Blade Engineer: Metcalf & Eddy/AECOM |
| 2007 | Mirant Chalk Point Station (1) 23' Solids Contact Clarifier |
| 2007 | Mirant Morgantown Station (1) 30' Solids Contact Clarifier |
| 2007 | Reliant Keystone Station (2) 35' Solids Contact Clarifiers |



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| PO Year | Job Name/Location/Equipment type |
| 2007 | Mirant Dickerson (1) 23' Solids Contact Clarifier |
| 2007 | Upper Blackstone, MA (8) 140' Diameter Suction Pipe Clarifiers Engineer: CDM |
| 2008 | Tampa Bay, FL (2) 32.8' Shaft Drive Clarifiers OEM Account |
| 2008 | Brandon Shores (2) 33' Flocculating Clarifiers (2) 30' Solids Contact Clarifiers OEM Account |
| 2008 | Port Angeles, WA (2) 15'-6" Shaft Drive Clarifier OEM Account |
| 2008 | Sunnymede, AR (1) 22' Diameter Clarifier OEM Account |
| 2008 | Fort Thomas, KY (1) 30' Shaft Drive Thickener |
| 2008 | Pemex, MX (2) 130' Secondary Clarifiers |
| 2008 | Concordia, KS (1) 55' Secondary Clarifier |
| 2008 | Freemont Hills (2) 27' Shaft Drive Secondary Clarifiers |
| 2008 | AMDRI (2) 20.7' Settling Tank Scraper Assemblies OEM Account |
| 2008 | Thyssen Krupp (2) 45' Shaft Drive Thickener (2) 60' Suction Header Clarifiers |



| | Installation List |
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| PO Year | Job Name/Location/Equipment type |
| 2008 | Duke - Cliffside (1) 30' Shaft Drive Clarifier w/ lift OEM Account |
| 2008 | Sandy Creek Power Plant (2) 80' Solids Contact Clarifiers (1) 50' Thickener OEM Account |
| 2008 | Deer Valley WWTP (4) 31.5' Clarifiers |
| 2008 | Washington Aqueduct, MA (4) 105' Thickeners Engineer: Army Corps of Engineers |
| 2008 | Parker, CO (2) 13.3' Square Shaft Drive Clarifier (1) 29.5' Square Shaft Drive Clarifier OEM Account |
| 2009 | BPCM Malaysia (1) 26' Shaft Drive Clarifier OEM Account |
| 2009 | Indianapolis - TW Moses (2) 25' Square Shaft Drive Clarifiers OEM Account |
| 2009 | Guthrie, OK (2) 14' Square Shaft Drive Clarifiers |
| 2009 | Webster, MA (1) 17' Square Shaft Drive Clarifier OEM Account |
| 2009 | St. Joseph, MO (1) 120' Primary Clarifiers – Spiral Blade Engineer: The City of St. Joseph |
| 2009 | Pemex, MX (2) 105' Secondary Clarifiers – Spiral Blade |



| PO Year | Job Name/Location/Equipment type |
|---------|--|
| 2009 | Newark, OH (2) 17' Square Shaft Drive Clarifiers OEM Account |
| 2009 | Pesqueria, MX (2) 70' Suction Header Clarifiers |
| 2009 | Norte, MX (5) 190' Secondary Clarifiers – Spiral Blade |
| 2009 | Blackwell, OK (1) 60' Primary Clarifier |
| 2009 | Seminole City, FL (2) 17.5' Square Shaft Drive Clarifiers OEM Account |
| 2009 | Fields Point, RI (4) 120' Primary Clarifiers – Spiral Blade (6) 125' Secondary Clarifiers – Suction Pipe (3) 65' Thickeners Engineer: CH2M Hill/SEA Contractor: Daniel O' Connel & Sons |
| 2009 | Wichita, KS (1) 160' Steel Launder System |
| 2009 | Westborough, MA (2) 26' Square Shaft Drive Clarifiers OEM Account |
| 2009 | Vera Cruz, MX (2) 140' Secondary Clarifiers – Spiral Blade |
| 2009 | Merrimack Station (2) 14' Solids Contact Clarifiers OEM Account |
| 2009 | Fort Peck, MT (2) 20' Square Shaft Drive Clarifiers OEM Account |



| PO Year | Job Name/Location/Equipment type |
|---------|--|
| 2009 | Jaffrey, NH (2) 11' Square Shaft Drive Clarifiers OEM Account |
| 2009 | Las Marias, PR (1) 70' Thickener |
| 2010 | Plymouth, NH (1) 35' Gravity Thickener Engineer: Wright – Pierce |
| 2010 | Amalgamated Clarifier Mod (1) Retrofit Feedwell and EDI |
| 2010 | Rockton, IL (1) 30' Shaft Drive Clarifier |
| 2010 | Niagara Falls, NY (1) 70' Cage Drive Thickener |
| 2010 | Longview, WA (1) FRP Weirs & Baffles |
| 2010 | New Milford, CT (4) 45' Secondary Clarifiers Engineer: CDM |
| 2010 | Rattlesnake, OH (1) 33' Spiral Blade Clarifier |
| 2010 | Irvine Ranch, CA (1) 28' Square Shaft Drive Clarifiers OEM Account |
| 2010 | Pemex, Monterrey, MX (1) 105' Primary Clarifier – Spiral Blade |
| 2010 | Arkansas, KS (1) 50' Primary Clarifier |



| PO Year | Job Name/Location/Equipment type |
|---------|--|
| 2010 | Langley Gulch LHPS (1) 96" dia. Coagulation Tank (1) 94" radius Flocculation Tank (1) 240" dia. Sedimentation Tank OEM Account |
| 2010 | Cadereyta, MX (2) 70' Suction Header Clarifier |
| 2010 | St. Joseph, MO (2) 160' Secondary Clarifiers – Suction Pipe Engineer: The City of St. Joseph |
| 2010 | Russky Island Clarifier (2) 56' Primary Clarifiers |
| 2010 | Blue Springs, MO (2) 125' Suction Header Clarifiers Engineer: HDR Archer |
| 2010 | Wilson Creek, TX (1) 31.22' Square Shaft Drive Clarifier OEM Account |
| 2010 | Leominster, MA (2) 20' Square Shaft Drive Clarifiers OEM Account |
| 2010 | Heber Valley, UT (1) 55' Primary Clarifier – Spiral Blade (2) 60' Secondary Clarifiers – Spiral Blade Engineer: AQUA Engineering |
| 2011 | High Sierra Water Services, CO (3) 20' Solids Contact Clarifiers OEM Account |
| 2011 | Gelena, MO (1) 29' Shaft Drive Secondary Clarifier Engineer: Great River Engineering |



| PO Year | Job Name/Location/Equipment type |
|---------|---|
| 2011 | Hill Air Force Base (1) 46' Shaft Drive Clarifier/Tank/Erection Engineer: CH2M Hill |
| 2011 | Bustamante WWTP, Mexico (1) 30' Suction Header Clarifier |
| 2011 | Pemex, Mexico (2) 24.5 M Secondary Clarifiers – Spiral Blade |
| 2011 | Acapantzingo Cuernavaca, Mexico (4) 21 M Cage Drive Primary Clarifiers (2) 38 M Secondary Clarifiers – Spiral Blade (1) 21 M Cage Drive Thickener |
| 2011 | Barrick Cortez (1) 35' Clarifier/Elevated Tank/Sludge Handling Design/Erection |
| 2011 | PXP, California (1) 35' Thickener OEM Account |
| 2011 | Tulsa, OK (2) 155' Primary Clarifiers Engineer: City of Tulsa |
| 2011 | Celeya, MX (2) 157' Secondary Clarifiers - Spiral Blade |
| 2011 | Tulsa Northside, OK (2) 50' Thickeners Engineer: City of Tulsa |
| 2011 | Anacortes, WA (2) 36.25' Square Clarifiers OEM Account |
| 2011 | KCMO Birmingham, MO (2) 113' Secondary Clarifiers Engineer: Tetra Tech |



| PO Year | Job Name/Location/Equipment type |
|---------|--|
| 2011 | Middle Big Creek, MO (2) 75' Suction Header Clarifiers Engineer: HDR Engineering |
| 2011 | Manchester, CT (2) 20' Mechanisms OEM Account |
| 2011 | Sembcorp, Singapore (2) 27 M Clarifiers |
| 2012 | Rhodia, Inc., Vernon, TX (1) 65' diameter Clarifier upgrade Direct Bid to Client |
| 2012 | Homer City (1) 28' Diameter Gravity Thickener OEM Account |
| 2012 | Pohnpei STP, Micronesia (2) 16 M Clarifiers Engineer: Laurie Curran Water PTY, Ltd. |
| 2012 | Consol Energy, WV (1) 70' Thickener Engineer: Chester Engineers |
| 2012 | Fishing River, MO (2) 65' Secondary Clarifiers Engineer: Burns & McDonnell |
| 2012 | Stamford, CT (2) 130' Diameter Spiral Blade Secondary Clarifiers (3) 50' Diameter Gravity Thickeners Engineer: City of Stamford |
| 2012 | Berlin, NH (2) 65' Diameter Primary Clarifiers (3) 70' Diameter Secondary Clarifiers (2) 20' Diameter Gravity Thickeners Engineer: Wright – Pierce |



| PO Year | Job Name/Location/Equipment type |
|---------|--|
| 2012 | Midori Removables (1) Clarifier – Pilot skid |
| 2012 | First Energy (1) 75' Diameter Flocculating Clarifier (Replacement and upgrade) Direct Bid to First Energy |
| 2012 | Rock Creek (2) 20'-5" Clarifiers OEM Client |
| 2012 | Moore's Bridges WTP (2) 65' Diameter Gravity Thickeners Engineer: Whitman, ReQuardt, & Associates |
| 2012 | Tulsa WPC 12-3 (2) 155' Diameter Primary Clarifiers Engineer: City of Tulsa |
| 2012 | Smithfield, RI (2) 14' Diameter Shaft Drive Clarifiers OEM Client |
| 2012 | Niagara Falls, NY (1) 70' diameter Thickener retrofit Engineer: CRA Infrastructure & Engineering |
| 2012 | Burley, ID (1) 80' diameter Suction Pipe Clarifier Engineer: Forsgren Associates, Inc. |
| 2012 | Dry Creek WWTP, Roseville, CA (4) 85' diameter Suction Header Clarifiers Engineer: WaterWorks Engineers |
| 2012 | Sacramento Regional WWTP (1) 130' diameter Suction Header Clarifier Retrofit Engineer: Sacramento Regional |
| 2012 | Carrolton, MO (1) 45' diameter Suction Header Clarifier Engineer: HDR Engineering, Inc. |



| | installation List |
|---------|---|
| PO Year | Job Name/Location/Equipment type |
| 2012 | Spring River WTP, Columbus, Kansas (2) 42' diameter Solids Contact Clarifiers |
| 2012 | Independence, MO (8) 65' Suction Header Clarifiers Engineer: HDR Engineering Contractor: Whiting-Turner Contracting |
| 2012 | Al-Jubail, Saudi Arabia (1) 11.5 M diameter Shaft Drive Clarifier and Tank Client: Moritani America – Sadara MFC Tsukishima Kankyo Engineering, Ltd, |
| 2012 | Southern Power - Plant Daniels (2) 20' Diameter Solids Contact Clarifiers (2) 20' diameter FRP tanks (4) 10' diameter FRP Tanks, Mixers and Supports (2) 8' diameter FRP Tanks, Mixers and Supports (1) 14' diameter FRP Sludge Mix Tank, Mixer and Supports On-site Erection of SCC Tanks and Mechanisms Engineer: Aquatech International |
| 2013 | Atlatec DAF, Monterrey, Mexico (1) 1 M diameter DAF skid OEM Client |
| 2013 | Ambatovy Mining, Madagascar 80M Thickener Upgrades OEM Client |
| 2013 | Rhodia (Solvay), Baton Rouge, LA (2) 60' Suction Pipe Clarifiers Owner Installed |
| 2013 | Paw Paw Lake Area WWTP, Michigan (1) 30' Thickener Engineer: Jones and Henry Engineers Contractor: DHE Plumbing and Mechanical |
| 2013 | Gonvick WWTF, MN (1) 18' Shaft Drive Clarifier Engineer: Wench Associates Contractor: KHC Construction Inc. |



| PO Year | Job Name/Loca | ation/Equipment type |
|---------|---|--|
| 2013 | (2) 45' | age WTP Expansion Diameter SCC Shaft and rake Rehab |
| | OEM Client Engineer: | Crist Engineers |
| 2013 | Shenango, Inc. (1) 16' DAF Me Engineer: | , Pittsburg, PA chanism, Pressure System, Elevated Steel Tank, Installation JNE Consulting |
| 2013 | Macon, GA | diameter Suction Pipe Clarifiers |
| | Engineer: | City of Macon Water Authority |
| 2013 | Mt. Pleasant W (2) 85' | WTP, MI Spiral Blade Final Clarifiers |
| | Engineer: Contractor: | Jones and Henry Engineers, LTD Gerace Construction Company, Inc. |
| 2013 | | ena Plant, Alpena, SD Segmented Blade Clarifier |
| | Engineer: | Banner Engineers |
| 2013 | | /TP, Great Fall, Montana ' Square Suction Pipe Clarifier |
| | Engineer: Contractor: | HDR Engineering Swank Enterprises |
| 2013 | Ethydco, Egypt | 1 Solids Contact Clarifier |
| | | Thickener Aquatech International |
| 2013 | Denmark, Austr | |
| | (1) 12M Engineer: | 1 Suction Header Clarifier Water Corporation |
| 2013 | Clinton WWTP, | Clinton, OK Suction Header Clarifier |
| | Engineer: Contractor: | City of Clinton Wynn Construction Co., Oklahoma City, OK |
| | Contidotoi. | Tryini Condition Co., Chianoma City, Cit |



Job Name/Location/Equipment type PO Year 2013 Clark County WWTP, Medway, Ohio (1) 60' Spiral Blade Clarifier Engineer: O'Brien & Gere Contractor: Peterson Construction Co. 2013 Seminole, OK (2) 75' Suction Pipe Clarifiers Contractor: Sharp Iron group – BW Fabricators, Wichita Falls, TX 2013 Barstow, CA (1) 22' Gravity Thickener Carollo Engineers Engineer: Contractor: Kana Engineering Group, Inc., Rancho Cucamonga, CA 2013 Lake Oswego, OR AFS (2) 24'-9" Shaft Drive Clarifiers **OEM Client** 2013 Richmond County, Rockingham, NC (1) 58' Thickener Municipal Engineering Services Engineer: Contractor: Eberhart Construction, Inc, Willow Spring, NC 2013 New Haven, CT (8) 100' Square Suction Pipe Clarifiers (2) 60' Thickeners Engineer: CH2M Hill Contractor: Nickerson General Contractors, Torrington, Connecticut 2013 Dublin Road WTP - City of Columbus, OH (4) 105' Clarifiers w/ Corner Sweep Mechanism **CDM Smith** Engineer: Contractor: Kokosing Construction Co., Columbus, Ohio Pyrite Canyon Treatment Facility 2013 (2) 22' Flocculating Clarifiers w/ Elevated Tank **CW Roen Construction Company** Contractor: Engineer: Tetra Tech HVUD, TN 2013 (1) 39' Shaft Drive Clarifier

OEM Client



| PO Year | Job Name/Location/Equipment type |
|---------|--|
| 2013 | Gladstone WWTP Nassau, Bahamas (2) 57' Suction Header Clarifiers Contractor: NID / Emerene Co., LTD Joint Venture, Nassau, Bahamas |
| 2013 | Ethydco, Egypt (1) 7.2 M Shaft Drive Secondary Clarifier (1) Rectangular DAF, 3.2 M x 2.2 M Engineer: Aquatech Engineering |
| 2013 | Cox Creek WRF (2) 42' Thickeners OEM Client |
| 2013 | Cox Creek, WWTP (1) 20'-7" Square Shaft Drive Clarifier OEM Client |
| 2013 | Parkway WWTP, Laurel, Maryland (2) 40' Gravity Thickeners Engineer: CH2M Hill Contractor: CPP Construction |
| 2014 | Spencer, MA (1) 60' dia. Suction Pipe Clarifier Engineer: Wright – Pierce |
| 2014 | Chevron Phillips Baytown (1) 32' dia. Shaft Drive Clarifier |
| 2014 | Ballarat South, Australia (1) 42M Suction Header Clarifier Engineer: MWH |
| 2014 | Westville, IN (2) 35' dia. Suction Header Clarifiers Engineer: McMahon Engineers |
| 2014 | Sacramento Regional WWTP (5) 130' diameter Suction Header Clarifier Retrofits Engineer: Sacramento Regional Contractor: Auburn Construction |



| | installation List |
|---------|---|
| PO Year | Job Name/Location/Equipment type |
| 2014 | Fremont, OH (3) 90' dia. Suction Header Clarifiers Contractor: MWH Constructors |
| 2014 | Ste. Agathe (2) 19.5 M Suction Header Clarifiers Engineer: Genivar/Dessua |
| 2014 | Cranston, RI (2) 24' Square x 18' Scraper Clarifier Mechanism OEM Client |
| 2014 | Rock Creek, OR (4) 51' dia. Gravity Thickeners Engineer: Carollo |
| 2014 | Iowa Fertilizer Co. – Nonprocess OSBL Facility (3) 70' Solids Contact Clarifiers w/ Steel Tanks (2) 60' Gravity Thickeners w/ Tanks (1) 26' Storage Tank Engineer: Aquatech International |
| 2014 | St. Joseph, MO (1) 160' dia. Suction Pipe Clarifier Engineer: HDR |
| 2014 | Westville, IN (2) 35' dia. Suction Header Clarifiers Engineer: McMAHON |
| 2014 | Forrest, IL (1) 33'-6" dia. Shaft Drive Clarifier Engineer: Farnsworth Group |
| 2014 | Mukhazina, Oman (1) 82' Solids Contact Clarifier Engineer: Aquatech International |
| 2014 | Palo Alto, CA (1) 120' dia. Suction Pipe Clarifier Engineer: City of Palo Alto |



| PO Year | Job Name/Location/Equipment type |
|---------|---|
| 2014 | Rockville, MD (1) 57' dia. Gravity Thickener Engineer: Hazen & Sawyer |
| 2014 | Delta Diablo WWTP, CA (3) 70' Diameter, Scum Removal Equipment |
| 2014 | City of Tulsa, OK (3) 16' x 76' Rectangular DAF's Engineer: Black & Veatch |
| 2014 | Warwick, RI (2) 17.33' Square X 16.9' SWD Mechanisms OEM Client |
| 2014 | West Warwick, RI (2) 17.33' x 17.33' Scraper Mechanisms OEM Client |
| 2014 | Clinton, AR (1) 15'-10" x 15'-10" Scraper Mechanisms OEM Client |
| 2014 | West Warwick, RI (2) 17.33' x 17.33' Scraper Mechanisms OEM Client |
| 2014 | Loudoun Water WTP (2) 45' Gravity Thickeners Engineer: CDM Smith Contractor: PC Construction |
| 2014 | Hyperion, CA Sixteen (16) 150' Dia. x 12' Side Water Depth Clarifier Mechanism Components Designed for Installation in Existing Concrete Tanks. Engineer: City of Los Angeles Dept. of Public Works |
| 2014 | Blue Plains (3) 34'-3" dia. Square Shaft Drive Clarifiers OEM Client |



| PO Year | Job Name/Location/Equipment type |
|---------|--|
| 2015 | Terre Haute, IN (1) 17' Square x 17' SWD Mechanisms OEM Client |
| 2015 | James Hardie McCarran, NV (1) 30' dia. Clarifier/Fluidizer |
| 2015 | Timber Lake, OR (1) 16' dia. Shaft Drive Clarifier |
| 2015 | Duke Energy Carolinas (1) 30' dia. Gravity Thickener Engineer: Veolia |
| 2015 | Weno Chuuk (1) 40'-6" dia. Clarifier Engineer: Laurie Curran Water Pty, Ltd. |
| 2015 | Gualala, CA (1) 24' dia. Shaft Drive Clarifier |
| 2015 | Woonsocket, RI (3) 110' dia. Suction Pipe Clarifiers Engineer: CH2M Hill |
| 2015 | Northern Kentucky Water District (2) 89'-5" Square Clarifier Mechanisms Engineer: HDR, Inc. Contractor: Building Crafts |
| 2015 | Lawrence, KS (2) 110' Suction Pipe Clarifiers Engineer: Black and Veatch |
| 2015 | New Orleans – West Bank Plant (1) 120' dia. Primary Clarifier Contractor: Cole Construction Company Inc. |
| 2015 | Paw Paw Lake WWTP (1) 80' dia. Spiral Blade Primary Clarifier Engineer: Jones & Henry Engineers, Ltd. Contractor: Gerace Construction Company, Inc. |



| | installation List |
|---------|--|
| PO Year | Job Name/Location/Equipment type |
| 2015 | Iowa Fertilizer Co. – Nonprocess OSBL Facility (3) 70' dia. Aluminum Covers for Solids Contact Clarifiers w/ Steel Tanks (2) 60' dia. Aluminum Covers for Gravity Thickeners w/ Tanks Engineer: Aquatech International |
| 2015 | City of Titusville – Mourning Dove WTP (1) 34' dia. Gravity Thickener (1) 53.5' dia. Solids Contact Clarifier Engineer: Reiss Engineering |
| 2015 | City of Hayward, CA – WPCF Improvements (1) 80' dia. Primary Clarifier Engineer: Brown and Caldwell |
| 2015 | City of Lakewood, Ohio (2) 75' dia. Suction Header Clarifier Headers Engineer: City of Lakewood, Ohio |
| 2015 | Union County, AR (1) 24' Square Shaft Drive Clarifier Engineer: OEM Client |
| 2015 | Washington Aqueduct (1) FRP Replacement Feedwell Contractor: Fasting Enterprises, Inc. |
| 2015 | Fire Camp 8 (1) 14' dia. Primary Clarifier (1) 10' dia. Secondary Clarifier Engineer: PACE Water Contractor: Integrated Water Services, Inc. |
| 2015 | Timet Henderson, NV (1) 12' dia. Solids Contact Clarifier Engineer: Veolia |
| 2015 | Tallulah, LA (1) 70' Diameter Clarifier Engineer: Denmon Engineering |
| 2016 | Frontier Water (1) 10' Diameter Solids Contact Clarifier |



| PO Year | Job Name/Location/Equipment type |
|---------|--|
| 2016 | Timet, NV (1) 16' Diameter Clarifier mechanism with Solids Contact/Flash Mix tank Engineer: Carollo |
| 2016 | Timet, NV (1) 16' Diameter Clarifier mechanism with Solids Contact/Flash Mix tank Engineer: Carollo |
| 2016 | City of Martinsville WWTP, Ridgeway, VA (2) 40' Diameter Chlorine Contact Clarifier |
| 2016 | Junction City, KS (2) 70' Diameter Primary Clarifiers Engineer: HDR Engineering |
| 2016 | Zuazua, MX (2) 20M Diameter Spiral Blade Clarifiers |
| 2016 | Planta Norte, MX (1) 67.06M (220'-0") Diameter Suction Header Clarifier |
| 2016 | Fields Point, RI (16) 150' Diameter Clarifiers Engineer: LA DWP Engineering |
| 2016 | Cranston (1) 38' Diameter Gravity Thickener Platform Engineer: Veolia |
| 2016 | Pinole, CA (3) 45' Diameter Primary Clarifiers (2) 65' Diameter Suction Header Clarifiers (1) 40' Diameter Gravity Thickener Engineer: HDR |
| 2016 | Shell Franklin (1) 52' Diameter Raw Water Gravity Thickener Engineer: Veolia |
| 2016 | Johnson City, TN (1) 80' Diameter Suction Pipe Clarifier Client: Jeff Corder |



| | Installation List |
|---------|---|
| PO Year | Job Name/Location/Equipment type |
| 2016 | Bellows Falls, VT (2) 40' Diameter Primary Clarifiers (2) 40' Diameter Secondary Clarifiers Engineer: Aldrich & Elliott |
| 2016 | Frontier Water Systems, CA (1) 10' Diameter Solids Contact Clarifier Client: Frontier Water Systems |
| 2016 | Avon Lake, OH (3) 70' Diameter Spiral Blade Secondary Clarifiers (1) 76' Diameter Spiral Blade Final Clarifier (1) 80' Alum Gravity Thickener Engineer: CDM Smith |
| 2016 | New Orleans – East Bank (1) 164' Suction Pipe Clarifier Client: NOLA |
| 2016 | Muswellbrook, AU (1) 17.37M Diameter Solids Contact Clarifier Engineer: GHD |
| 2016 | City of Manchester, NH (3) 130' Diameter Primary Clarifiers (3) 50' Diameter Gravity Thickeners |
| 2016 | South Lake Tahoe (1) 100' Diameter Primary Clarifier Engineer: HDR |
| 2016 | Muswellbrook, AU (1) 17.37M Diameter Solids Contact Clarifier Engineer: GHD |
| 2016 | Rantoul, KS (1) 45' Diameter Solids Contact Clarifier Design Build: Garney Construction |
| 2016 | Mesa, AZ (2) 22' Sq. Shaft Clarifier Engineer: Kruger |



| PO Year | Job Name/Location/Equipment type |
|---------|--|
| 2017 | City of Peshtigo (1) 40' Diameter Gravity Thickener Engineer: Robert E Lee & Associates |
| 2017 | UOSA, VA (3) 125' Diameter Primary Clarifiers (3) 40' Diameter Gravity Thickeners (1) 75' Diameter Gravity Thickener Engineer: CH2M Hill |
| 2017 | Western Treatment Plant – Melbourne, AU (4) 45M Diameter Spiral Blade Secondary Clarifiers Engineer: JACOBS |
| 2017 | Village of Layfayette, OH (2) 20' Shaft Drive Clarifiers Engineer: Poggemeyer Design Group, Inc. |
| 2017 | Town of Newmarket, NH (2) 35j' Diameter Primary Clarifiers Engineer: Wright - Pierce |
| 2017 | Bass Lake WWTP, CA (2) 28' Diameter Suction Header Clarifiers (2) Knock Down Tanks (2) Sets Tank Partitions Engineer: Carollo |
| 2017 | Frito Lay WWTP, MD (1) 33.77' Diameter Spiral Blade Clarifier Engineer: Pharmer Engineering |
| 2017 | Duke Energy Plant Rogers, Mooresboro, NC (2) 45' Diameter Thickeners Engineer: Burns & McDonnell |
| 2017 | Struthers WWTP, Struthers, OH (2) 62' Diameter Primary Clarifiers Engineer: MS Consultants, Inc. |
| 2017 | City of Concordia, KS (1) 55' Diameter Secondary Clarifier Engineer: Professional Engineering Consultants, P.A. |



| PO Year | Job Name/Location/Equipment type |
|---------|--|
| 2017 | City of Potterville WWTF, Potterville, MI One (1) 85' Diameter Primary Clarifier One (1) Set FRP Weirs, Troughs, and Scum Baffles Engineer: Williams & Works |
| 2017 | City of Branson, MO (2) 80' Diameter Suction Header Clarifiers Engineer: Black & Veatch |
| 2017 | Melbourne Water Nutrient Removal Plant, Australia (4) 45M Diameter Spiral Blade Secondary Clarifiers Engineer: CPB / UGL / Jacobs |
| 2017 | Edmonton WWTP, Alberta Canada (1) 30M Diameter Rim Drive Spiral Clarifier Engineer: Jacobs Group |
| 2017 | Priest River WRRF, Priest River, ID (2) 30' Diameter Spiral Blade Clarifiers Engineer: Mountain Waterworks |
| 2017 | James Hardie Building Products, Tacoma, WA (1) 30' Diameter Clarifier Engineer: None |
| 2017 | James Hardie Building Products, Mission Viejo, CA (1) 30' Diameter Clarifier Engineer: None |
| 2017 | City of Gulf Shores, Gulf Shores, AL (2) 75' Diameter Suction Header Clarifiers Engineer: McMillan Engineering Services |
| 2017 | Milford, MA (2) 28' Diameter Gravity Thickeners Engineer: Tata & Howard |
| 2017 | Village of Denmark, WI - DBS (2) 30' Diameter Clarifiers Engineer: None |



| PO Year | Job Name/Location/Equipment type |
|---------|---|
| 2017 | Clear Lake Oaks WWTP, CA (1) 65' Diameter Spiral Blade Secondary Clarifier Engineer: MC-Engineering |
| 2017 | Kubota Financial Center (1) 28' Package Plant Engineer: MindWater, Inc. |
| 2017 | Tin Can Hollow WTP, Jefferson, PA (2) Suction Troughs Sludge Removal Equipment Engineer: Rice Water Services |
| 2017 | City of Palo Alto, CA. (1) 120' Square Suction Pipe Clarifier (1) 120' Diameter Suction Header Clarifier Engineer: Jenks & Adamson |
| 2017 | Southern Company Plant Bowen: Cartersville, GA (2) 38' Diameter Solids Contact Clarifiers Engineer: Veolia |
| 2017 | Hickory Run Energy Station, North Beaver Township, PA (1) 50' Diameter Thickener Mechanism Engineer: Veolia |
| 2017 | Domtar Paper Company LLC. Rothschild, WI (1) 120' Clarifier Study Engineer: None |
| 2017 | Seminole WWTP, Seminole, OK (1) 75" Suction Pipe Clarifier Engineer: ABT |
| 2017 | Suisun-Solano Water Authority, Vacaville, CA Cement Hill Water Treatment Plant (1) 72' Diameter Solids Contact Clarifier Engineer: Direct Bid |
| 2017 | Southeastern Berrien County Landfill WWTP, Niles, MI (1) ClearFlo Sequencing Batch Reactor Complete Systems Engineer: Gosling Czubak Engineering Services, Inc. |



| PO Year | Job Name/Location/Equipment type |
|---------|--|
| 2017 | Shire of East Pilbara Newman WWTP, Australia (1) 18.3M Diameter Rim Drive Suction Header Clarifier Engineer: None |
| 2018 | Struthers Ohio WTP Struthers OH (3) 37.5' Diameter Solids Contact Clarifiers Engineer: AQUA |
| 2018 | Lenoir WTP, Granite Falls, NC (2) 17'-6" Square Thickener Mechanisms Engineer: Kruger |
| 2018 | Paw Paw Lake Regional Joint Sewage Disposal Board (2) 60' Diameter Spiral Blade Clarifiers Engineer: Jones & Henry Engineers, Ltd. |
| 2018 | Marine Harvest, Kyleakin Scotland (1) 6.5M Diameter Secondary Clarifier Engineer: Wastewater Technologies, LLC |
| 2018 | Domtar Paper Company, LLC. Roghschild, WI (1) 120' Primary Scraper Blade Clarifier Engineer: None |
| 2018 | Village of New Lexington WWTP; New Lexington, OH (2) 46' Spiral Blade Clarifiers Engineer: Poggemeyer Design Group, Inc. |
| 2018 | St. Charles, LA (1) 20.7' Diameter Thickener Engineer: Veolia |
| 2018 | Cooper Creek WWTF; Branson, MO (2) 80' Suction Header Clarifier Engineer: Burns & McDonnell |
| 2018 | Advance Disposal Landfill; Newburg, PA (1) 36'-4 3/8" Diameter Thickener Mechanism (1) lot Field Installation |
| 2018 | Haikey Creek WWTP; Broken Arrow, OK (2) 60' Diameter Thickener Mechanisms Engineer: None |



| PO Year | Job Name/Location/Equipment type |
|---------|--|
| 2018 | Little Rock Adams Field WRF, Little Rock, AR (3) 145' Diameter Spiral Blade Secondary Clarifiers Engineer: Black & Veatch and Hawkins Weir Joint Project |
| 2018 | Effluent Treatment Plant; New Glasgow Canada (1) 56M Diameter Primary Scraper Clarifier (2) 56M Diameter Secondary Suction Header Clarifiers Engineer: Veolia |
| 2018 | East Bank WWTP Clarifier #8; New Orleans, LA. (1) 164' Diameter Secondary Suction Pipe Clarifier Engineer: None |
| 2018 | Pequannock Newark NJ (1) 40' Diameter Shaft Drive Thickener (1) 40' Diameter Steel Knock Down Tank Engineer: Hatch Mott MacDonald |
| 2018 | JamesHardie JH Building Products Sparks, NV (1) Clarifier Rake Mechanism Engineer: None |
| 2018 | FRC / JWC Environmental, LLC. Jamaica (1) 34' Diameter Shaft Drive Clarifier Mechanism Engineer: None, OEM Account |
| 2018 | Gardner, MA. WWTF (2) 25' Diameter Shaft Drive Gravity Thickeners Engineer: Wright-Pierce |
| 2018 | Rialto WWTP, Rialto, CA. (1) 95' Primary Spiral Blade Clarifier (1) 100' Secondary Spiral Blade Clarifier Engineer: AECOM / W.M. Lyles Co. Joint Venture |
| 2018 | Northern Adelaide Irrigation Systems, Adelaide, Australia (1) 9M Diameter Thickener Mechanism (1) 11M Mixer Support Walkway and Access Platform Engineer: Liquitek Pty, Ltd. |
| 2018 | JamesHardie JH Building Products Prattville, AL Plant (1) 30' Diameter Cone Rake Thickener Engineer: None, OEM Account |



| PO Year | Job Name/Location/Equipment type |
|---------|---|
| 2018 | City of Albany WWTP Albany, OH (2) 16' Diameter Shaft Drive Clarifiers Engineer: STANTEC |
| 2018 | Southern Company Plant Bowen: Cartersville, GA (1) 38' Diameter Solids Contact Clarifiers Engineer: Veolia |
| 2018 | Materne North America: Traverse City, MI (1) ClearFlo SBNR Process Plant Engineer: Gosling Czubak Engineering Sciences, Inc. |
| 2018 | City of Torrington, CT.: Torrington, CT. (2) 20'-3" Square Thickeners Engineer: Kruger |
| 2018 | City of Lakewood WWTP: Lakewood OH. (2) 18'-3" Square Thickeners Engineer: Kruger |
| 2018 | City of Lancaster WWTP: Lancaster, OH (2) 25' Diameter Secondary Clarifiers Engineer: Burgess & Niple, Inc. |
| 2018 | City of Martinsville WWTP, Ridgeway, VA (2) 40' Diameter Chlorine Contact Clarifier Engineer: City Direct Purchase |
| 2019 | Suisun-Solano Water Authority: Cement Hills WTP, Fairfield, CA (2) 55' Diameter Solids Contact Clarifiers Engineer: Kjeldsen, Sinnock, Neudeck, (KSN), Inc. |
| 2019 | Pequannock RTF: Gualala, CA (1) 28' Cage Drive Clarifier Direct Purchase |
| 2019 | Entergy, Lake Charles, LA (1) 26' Clarifier Mechanism (1) 26' Knock Down Anchor Channel Tank Engineer: Veolia |



| | iliətaliation List |
|---------|---|
| PO Year | Job Name/Location/Equipment type |
| 2019 | Spectrum Meats – Nelson Carlson Mechanical, Mount Morris, IL. (1) 30' Suction Header Clarifier Mechanism Engineer: McMahon Associates, Inc. |
| 2019 | Yen Xa, Vietnam (24) 24m Diameter Scraper Final Clarifiers Hanoi Department of Construction |
| 2019 | Michigan Sugar Company – Croswell, MI. (1) 101.01' Diameter Flume Water Clarifier Mechanism (1) 101.01 Diameter Bolted Tank (1) Concrete Foundation Design (1) lot Field Installation Engineer: Direct Purchase |
| 2019 | Kennebec Sanitary Treatment District, Waterville, ME. (2) 30' Dia. Gravity Thickeners Engineer: Wright – Pierce |
| 2019 | Kruger (Veolia) French Broad WRF, Ashville, NC (2) 24.5' Square Clarifiers Engineer: CDM Smith |
| 2019 | City of Leavenworth, KS Field Repair of Primary Clarifier #3 and Final Clarifier #1 Engineer: None |
| 2019 | City of Salina Kansas WTP (2) 40' SC Lime / Soda Ash Softening Clarifiers Engineer: Burns & McDonnell |
| 2019 | Hall Street WWTF Primary Clarifier Upgrade, Concord, NH (2) 95'-0" Primary Clarifiers Engineer: Wright-Pierce |
| 2019 | Dutchman's Creek WWTP, Mocksville, NC (2) 60'-0" Diameter Scraper Clarifiers Engineer: Willis Engineers |
| 2019 | Trumbull County / Mosquito Creek WWTP, Warren, OH. (3) 78'-0" Diameter Suction Header Clarifiers (2) 86'-0" Diameter Spiral Blade Clarifiers (1) 44'-0" Diameter Gravity Sludge Thickeners Engineer: CT Consultants |



| PO Year | Job Name/Location/Equipment type |
|---------|--|
| 2019 | Oxnard WWTP Emergency Repairs, Oxnard, CA. (2) Replacement Walkways for Clarifiers Engineer: AECOM / KEH & Associates |
| 2019 | Terre Haute II, IN. (1) 17' X 17' Square Clarifier (ACTIFLO) Engineer: Kruger (Veolia) |
| 2019 | Icon Water Googong WTP Clarifier System Renewal, Williamsdale, ACD, Australia (4) 27m X 27m X 5m Solids Contact Clarifiers Engineer: JACOBS Australia / Liquitek Pty, Ltd. |
| 2019 | Clinton WWTP Clarifier Refurbishment, Clinton, OK (1) 80'-0" Diameter Suction Header Clarifier Engineer: City of Clinton |
| 2019 | City of Portsmouth PEASE WWTP, Portsmouth, NH. (2) 40'-0" Diameter Primary Clarifiers Engineer: Stantec |
| 2019 | Western Sugar Project, Fort Morgan, CO. (1) 72'-0" Segmented Blade Clarifier and Installation Engineer: Veolia Water Technologies |
| 2019 | Bateau Bay WWTP Clarifier Number 3, New South Wales, Australia (1) 24m Diameter Rim Drive Spiral Blade Clarifier Engineer: Central Coast Council / Liquitek Pty, Ltd. |

Project Organization and Key Personnel

ClearStream Environmental, Inc.
Larry DeBirk, Owner
Brent Petersen, Head of Operations
Mike DeBirk, Senior Project Manager

Insurance Certifications

ClearStream Environmental, Inc.

North Coast Fabrication

JILLW

ACORD®

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 10/9/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER. AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

| PRODUCER | CONTACT Jill Wolfslau | | | | |
|---|---|----------|--|--|--|
| Universal Business Insurance, Inc. P.O. Box 709210 | PHONE (A/C, No, Ext): (801) 984-6064 FAX (A/C | , No): | | | |
| Sandy, UT 84070 | E-MAIL ADDRESS: jillw@ubinsurance.com | | | | |
| | INSURER(S) AFFORDING COVERAGE | NAIC# | | | |
| | INSURER A : Colony Insurance | | | | |
| INSURED | INSURER B : American Hallmark | 43494 | | | |
| Clearstream Environmental, Inc | INSURER C: Utah Business Insurance Comp. | 12520 | | | |
| 9547 South 500 West | INSURER D : | | | | |
| Sandy, UT 84070 | INSURER E : | | | | |
| | INSURER F: | | | | |
| | DEVICION NUMBE | D | | | |

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| | XCLUSIONS AND CONDITIONS OF SUCH F | | | | | | | |
|-------------|--|----------|------------------|----------------------------|------------|---|----|-----------|
| INSR LTR | TYPE OF INSURANCE | ADDL SUE | BR POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP | LIMIT | S | |
| Α | X COMMERCIAL GENERAL LIABILITY | | | <u> </u> | <u>,</u> | EACH OCCURRENCE | \$ | 1,000,000 |
| | CLAIMS-MADE X OCCUR | | PACEM4223172 | 9/26/2019 | 9/26/2020 | DAMAGE TO RENTED PREMISES (Ea occurrence) | \$ | 100,000 |
| | | | | | | MED EXP (Any one person) | \$ | 5,000 |
| | | | | | | PERSONAL & ADV INJURY | Ψ | 1,000,000 |
| | GEN'L AGGREGATE LIMIT APPLIES PER: | | | | | GENERAL AGGREGATE | Ψ | 2,000,000 |
| | POLICY PRO- JECT LOC | | | | | PRODUCTS - COMP/OP AGG | \$ | 2,000,000 |
| | OTHER: | | | | | | \$ | |
| В | AUTOMOBILE LIABILITY | | | | | COMBINED SINGLE LIMIT (Ea accident) | \$ | 1,000,000 |
| | X ANY AUTO | | 44CL493973 | 8/25/2019 | 8/25/2020 | BODILY INJURY (Per person) | \$ | |
| | OWNED SCHEDULED AUTOS ONLY | | | | | BODILY INJURY (Per accident) | \$ | |
| | HIRED AUTOS ONLY NON-OWNED AUTOS ONLY | | | | | PROPERTY DAMAGE (Per accident) | \$ | |
| | | | | | | | \$ | |
| Α | UMBRELLA LIAB X OCCUR | | | | | EACH OCCURRENCE | \$ | 3,000,000 |
| | X EXCESS LIAB CLAIMS-MADE | | EXC4223173 | 9/26/2019 | 9/26/2020 | AGGREGATE | \$ | 3,000,000 |
| | DED X RETENTION\$ | | | | | | \$ | |
| С | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY | | | | | X PER OTH-ER | | |
| | ANY PROPRIETOR/PARTNER/EXECUTIVE | | WC0015302019A | 8/25/2019 | 8/25/2020 | E.L. EACH ACCIDENT | \$ | 1,000,000 |
| | (Mandatory in NH) | | | | | E.L. DISEASE - EA EMPLOYEE | \$ | 1,000,000 |
| | If yes, describe under DESCRIPTION OF OPERATIONS below | | | | | E.L. DISEASE - POLICY LIMIT | \$ | 1,000,000 |
| Α | Pollution Liability | | PACEM4223172 | 9/26/2019 | 9/26/2020 | | | 1,000,000 |
| Α | Professional Liab | | PACEM4223172 | 9/26/2019 | 9/26/2020 | | | 1,000,000 |
| | | | | | | | | |
| | | | 1 | | | | | |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) Contractors Environmental Liability Coverage

\$1,000,000 Contractors Pollution Liability

\$1,000,000 Transportation Pollution Liability

\$1,000,000 Short-Term Environmental Premises Liability

5,000 Deductible Each Pollution Condition

\$1,000,000 Non-Owned Disposal Site Liability SEE ATTACHED ACORD 101

| CERTIFICATE HOLDER | CANCELLATION |
|---|--|
| Clearstream Environmental Inc. 9547 S 500 W Sandy, UT 84070 | SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. |
| Canay, C. C-C/C | authorized representative |
| | 1 0 2 |

LOC #: 1



ADDITIONAL REMARKS SCHEDULE

Page 1 of 1

| AGENCY | NAMED INSURED | | |
|------------------------------------|--|--|--|
| Universal Business Insurance, Inc. | Clearstream Environmental, Inc 9547 South 500 West Sandy, UT 84070 | | |
| POLICY NUMBER | | | |
| SEE PAGE 1 | | | |
| CARRIER | NAIC CODE | | |
| SEE PAGE 1 | EFFECTIVE DATE: SEE PAGE 1 | | |

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM, FORM NUMBER: ACORD 25 FORM TITLE: Certificate of Liability Insurance

Description of Operations/Locations/Vehicles: \$ 10,000 Deductible Each Pollution Condition Retroactive Date: 09/26/2015

Professional Services Liability \$1,000,000 Each Professional Services Wrongful Act

\$ 5,000 Deductible Each Claim Retoractive Date: 09/25/2009

Products Pollution Liability \$1,000,000 Each Pollution Condition

\$ 5,000 Deductible Each Pollution Condition

SUPPLIER CLEARINGHOUSE CERTIFICATE OF ELIGIBILITY

CERTIFICATION EXPIRATION DATE: August 6, 2021

The Supplier Clearinghouse for the Utility Supplier Diversity Program of the California Public Utilities Commission hereby certifies that it has audited and verified the eligibility of:

Aquatic Designing, Inc. DBA North Coast Fabricators Women Business Enterprise (WBE)

pursuant to Commission General Order 156, and the terms and conditions stipulated in the Verification Application Package. This Certificate shall be valid only with the Clearinghouse seal affixed hereto.

Eligibility must be maintained at all times, and renewed within 30 days of any changes in ownership or control. Failure to comply may result in a denial of eligibility. The Clearinghouse may reconsider certification if it is determined that such status was obtained by false, misleading or incorrect information. Decertification may occur if any verification criterion under which eligibility was awarded later becomes invalid due to Commission ruling. The Clearinghouse may request additional information or conduct onsite visits during the term of verification to verify eligibility.

This certification is valid only for the period that the above firm remains eligible as determined by the Clearinghouse. Utility companies may direct inquiries concerning this Certificate to the Clearinghouse at (800) 359-7998 in Los Angeles.

VON: 9GS00185

DETERMINATION DATE: August 6, 2018

BUSINESS TAX CERTIFICATE

The person, firm or corporation named below is granted this certificate pursuant to the provisions of the City Business Tax Ordinance to engage in, carry on or conduct the business, trade, calling, profession, exhibition or occupation described below. Issuance of certificate is not an endorsement, nor certification of compliance with other ordinances or laws, building codes, public health, county, state or federal governments, nor an assurance that the proposed use is in conformance with the city zoning regulations. This certificate is issued without verification that the taxpayer is subject to or exempt from licensing by the State of California.

736 "F" Street Arcata, California 95521 (707) 822-5951

CITY OF ARCATA

BUSINESS NAME:

Aquatic Designing Inc

BUSINESS LOCATION: 4801 West End

Arcata, CA 95521

BUSINESS OWNER:

Paula Crowley

AQUATIC DESIGNING INC 4801 WEST END RD ARCATA, CA 95521

DESCRIPTION: STEEL FABRICATION

ZONE CODE:

J-1

0611 Certificate No.:

Effective Date: May 23, 2019

Expiration Date:

June 30, 2020

Base Fee:

\$ 364.00

Delinquent Amount:

\$ 0.00

Total Paid:

\$ 364.00

NOT TRANSFERABLE OR ASSIGNABLE

MUST BE POSTED IN A CONSPICUOUS PLACE



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 8/30/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

| CONTACT NAME: | | | | | |
|--|--|--|--|--|--|
| PHONE (A/C, No, Ext): (707) 442-2971 FAX (A/C, No): (70° | | | | | |
| E-MAIL ADDRESS: info@gpins.com | | | | | |
| INSURER(S) AFFORDING COVERAGE | NAIC# | | | | |
| INSURER A: Nautilus Insurance Company | | | | | |
| INSURER B: Great Divide Insurance Company | | | | | |
| INSURER C: Axis Surplus Insurance Co | | | | | |
| INSURER D : State Compensation Insurance Fund | 35076 | | | | |
| INSURER E : Nova Casualty Co. | | | | | |
| INSURER F: Markel American Insurance Company | | | | | |
| | NAME: PHONE (A/C, No, Ext): (707) 442-2971 E-MAIL ADDRESS: info@gpins.com INSURER(S) AFFORDING COVERAGE INSURER A: Nautilus Insurance Company INSURER B: Great Divide Insurance Company INSURER C: Axis Surplus Insurance Co INSURER D: State Compensation Insurance Fund INSURER E: Nova Casualty Co. | | | | |

COVERAGES CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| | VCLU. | SIONS AND CONDITIONS OF SUCH | | | LIVILIS SHOVVIN WAT HAVE B | | | | | |
|-------------|--|---|------|-----------------|----------------------------|----------------------------|----------------------------|---|----|-----------|
| INSR LTR | | TYPE OF INSURANCE | ADDL | SUBR | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMIT | s | |
| Α | Х | COMMERCIAL GENERAL LIABILITY | | | | | | EACH OCCURRENCE | \$ | 1,000,000 |
| | | CLAIMS-MADE X OCCUR | | Е | ECP2019221-13 | 8/26/2019 | 8/26/2020 | DAMAGE TO RENTED PREMISES (Ea occurrence) | \$ | 100,000 |
| | X | Pollution 1mil | | | | | | MED EXP (Any one person) | \$ | 5,000 |
| | | | | | | | | PERSONAL & ADV INJURY | \$ | 1,000,000 |
| | GEN' | L AGGREGATE LIMIT APPLIES PER: | | | | | | GENERAL AGGREGATE | \$ | 2,000,000 |
| | X | POLICY PRO- JECT LOC | | | | | | PRODUCTS - COMP/OP AGG | \$ | 2,000,000 |
| | | OTHER: | | | | | | EMPLOYEE BENEFI | \$ | 1,000,000 |
| В | AUTO | DMOBILE LIABILITY | | | | | | COMBINED SINGLE LIMIT (Ea accident) | \$ | 1,000,000 |
| | X ANY AUTO | | | E | BAP2019222-13 | 8/26/2019 | 8/26/2020 | BODILY INJURY (Per person) | \$ | |
| | OWNED AUTOS ONLY HIRED AUTOS ONLY AUTOS ONLY AUTOS ONLY | | | | | | | BODILY INJURY (Per accident) | \$ | |
| | | | | | | | | PROPERTY DAMAGE (Per accident) | \$ | |
| | | | | | | | | | \$ | |
| С | X | UMBRELLA LIAB X OCCUR | | | | | | EACH OCCURRENCE | \$ | 4,000,000 |
| | | EXCESS LIAB CLAIMS-MADE | | P00100021542001 | | P00100021542001 8/26/2019 | 8/26/2020 | AGGREGATE | \$ | |
| | | DED RETENTION \$ | | | | | | Pr & COs Agg | \$ | 4,000,000 |
| D | WORK AND E | KERS COMPENSATION | | | | | | X PER OTH- STATUTE ER | | |
| | ANY P | PROPRIETOR/PARTNER/EXECUTIVE PROPRIETOR/PARTNER/EXECUTIVE Y / N | N/A | 1 | 1844648-19 | 4/1/2019 | 4/1/2020 | E.L. EACH ACCIDENT | \$ | 1,000,000 |
| | (Mandatory in NH) | | N/A | | | | | E.L. DISEASE - EA EMPLOYEE | \$ | 1,000,000 |
| | If yes, DESC | describe under RIPTION OF OPERATIONS below | | | | | | E.L. DISEASE - POLICY LIMIT | \$ | 1,000,000 |
| E | Busi | ness Automobile | | J | JCSML1000022402 | 8/26/2019 | 8/26/2020 | Scheduled Cranes | | 1,000,000 |
| F | Equi | pment Floater | | N | MKLM4IM0050406 | 11/20/2018 | 11/20/2019 | deductible varies | | 2,916,656 |
| | | | | | | | | | | |
| | | | | | | | | | | |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) Certificate is issued as Proof of Insurance

CERTIFICATE HOLDER

CANCELLATION

Aquatic Designing, Inc. DBA: North Coast Fabricators 4801 West End Road Arcata, CA 95521 SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

W. B



CONTRACTORS STATE LICENSE BOARD

Pursuant to Chapter 9 of Division 3 of the Business and Professions Code and the Rules and Regulations of the Contractors State License Board, the Registrar of Contractors does hereby issue this license to:

AQUATIC DESIGNING INC DBA NORTH COAST FABRICATORS

License Number 883082

to engage in the business or act in the capacity of a contractor in the following classification(s):

ASB - ASBESTOS C21 - BUILDING MOVING, DEMOLITION

> Witness my hand and seal this day, July 29, 2014

Issued August 22, 2006

Joan M. Hancock, Board Chair

This license is the property of the Registrar of Contractors, is not transferable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason. It becomes void if not renewed.

tool Bul Stephen P. Sands, Registrar of Contractors



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AQUATIC DESIGNING INC DBA NORTH COAST FABRICATORS

License Number 883082

to engage in the business or act in the capacity of a contractor in the following classification(s):

C51 - STEEL, STRUCTURAL
B - GENERAL BUILDING CONTRACTOR
A - GENERAL ENGINEERING CONTRACTOR
HAZ - HAZARDOUS SUBSTANCES REMOVAL

Witness my hand and seal this day, July 29, 2014

Issued August 22, 2006

Joan M. Hancock, Board Chair

This license is the property of the Registrar of Contractors, is not transferable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason. It becomes void if not renewed.

Stephen P. Sands, Registrar of Contractors

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| Reference: 017138 | Date: 10/14/2019 1:22 PM |
|--|---|
| Project: Scotia WWTP Clarifier Repair | |
| Owner: Scotia Community Services Distric | t |
| Prime Contractor: Clearstream Environme | ental Inc. |
| | |
| Submittal No.: 1 | |
| Specification Section/Plans: Quotation | |
| | |
| Comments: | Bolt drive to Walkway. See |
| 1. Clarify what this means: "installation of nev | |
| 2. 2 training trips to be included in Quotation | Included. See Proposal Rev C |
| 3. Provide stainless-steel control box mountir | ng hardware. Included |
| 4. Provide References. Installation List wa | as included. added Northern Cal contacts. |
| 5. Provide insurance certifications. North C | Coast Fabrication Certs are added. |
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