



Folsom City Council Staff Report

MEETING DATE:	10/27/2026
AGENDA SECTION:	Consent Calendar
ITEM TITLE:	<p>Water Treatment Plant Caustic Soda System Project (WA2401)</p> <ul style="list-style-type: none"> i. Resolution No. 11735 – A Resolution Authorizing the City Manager to Approve an Additional Contingency in the Amount of \$446,000 from the Water Operating Fund (Fund 520) for the Agreement (Contract No. 174-21 26-019) with BWD Construction, Inc. dba BWD General Engineering Contractors for Construction of the Water Treatment Plant Caustic Soda System Project (WA2401) and Appropriation of Funds ii. Resolution No. 11736 – A Resolution Authorizing the City Manager to Execute Amendment No. 1 to the Agreement (Contract No. 173-21 26-023) with Inferrera Construction Management Group, Inc. for \$128,203.36 from the Water Operating Fund (Fund 520) for Construction Management and Inspection Services for the Water Treatment Plant Caustic Soda System Project (WA2401) and Appropriation of Funds iii. Resolution No. 11737 – A Resolution Authorizing the City Manager to Execute Amendment No. 4 to the Agreement (Contract No. 173-21 23-037) with Black & Veatch Corporation for \$131,737.60 from the Water Operating Fund (Fund 520) and \$7,694.40 from the Water Capital Fund (Fund 521) for the Design of the Water Treatment Plant Caustic Soda System Project (WA2401) and Appropriation of Funds iv. Resolution No. 11738 - A Resolution Ratifying the City Manager’s Authorization to Execute a Purchase Agreement with Harrington Industrial Plastics LLC in the Amount of \$182,391.14 from the Water Operating Fund (Fund 520) for Emergency Procurement of Two Polyethylene Chemical Storage Tanks and Appropriation of Funds

FROM:	Utilities Department
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RECOMMENDATION / CITY COUNCIL ACTION

The Utilities Department recommends the City Council pass and adopt the following resolutions:

- i. Resolution No. 11735 – A Resolution Authorizing the City Manager to Approve an Additional Contingency in the Amount of \$446,000 from the Water Operating Fund (Fund 520) for the Agreement (Contract No. 174-21 26-019) with BWD Construction, Inc. dba BWD General Engineering Contractors for Construction of the Water Treatment Plant Caustic Soda System Project (WA2401) and Appropriation of Funds
- ii. Resolution No. 11736 – A Resolution Authorizing the City Manager to Execute Amendment No. 1 to the Agreement (Contract No. 173-21 26-023) with Inferrera Construction Management Group, Inc. for \$128,203.36 from the Water Operating Fund (Fund 520) for Construction Management and Inspection Services for the Water Treatment Plant Caustic Soda System Project (WA2401) and Appropriation of Funds.
- iii. Resolution No. 11737 – A Resolution Authorizing the City Manager to Execute Amendment No. 4 to the Agreement (Contract No. 173-21 23-037) with Black & Veatch Corporation for \$131,737.60 from the Water Operating Fund (Fund 520) and \$7,694.40 from the Water Capital Fund (Fund 521) for the Design of the Water Treatment Plant Caustic Soda System Project (WA2401) and Appropriation of Funds
- iv. Resolution No. 11738 - A Resolution Ratifying the City Manager's Authorization to Execute a Purchase Agreement with Harrington Industrial Plastics LLC in the Amount of \$182,391.14 from the Water Operating Fund (Fund 520) for Emergency Procurement of Two Polyethylene Chemical Storage Tanks and Appropriation of Funds

BACKGROUND / ISSUE

The Utilities Department identifies projects that are critical to ensuring the delivery of adequate and high-quality water supply to all water customers through water master plans, ongoing condition assessment programs, and regulatory changes. Through these efforts, city staff identified the Water Treatment Plant (WTP) Caustic Soda System Project as a priority project.

This project, which is currently under construction, involves the removal of existing, decommissioned steel tanks and associated piping, modifications to the existing tank containment wall, installation of new caustic feed tank and new caustic containment area, installation of new caustic feed pumps and caustic feed pipeline, removal of existing lime feed piping and abandoned aqua ammonia tank, miscellaneous civil sitework including asphalt concrete pavement and concrete replacement associated with the work, and associated electrical, instrumentation, and controls.

Incident Summary

In July, 2026, Sodium Hypochlorite Storage Tank No. 1 began leaking. Leaks were initially minimal and manageable by WTP operations staff, so repairs were scheduled during the following low-demand season (November 2026 through February 2027). On September 10th, 2026, Tank No. 2 began leaking. The location of this leak is more difficult to repair and cannot be repaired by WTP staff and requires the services of a contractor.

Sodium hypochlorite is critical to WTP operations; it is primarily utilized for disinfection to eliminate pathogens and serves several other essential chemical functions through the treatment process including:

- Primary Disinfection.
 - Inactivates harmful microorganisms including bacteria, viruses, and parasites.
- Secondary Disinfection.
 - Maintains chlorine residual in the water distribution system to maintain Concentration-Time (CT) values.
- Pre-Chlorination for oxidation.
 - Facilitates iron and manganese removal and controls algae growth.
- Filter Maintenance.
 - Sanitizes filter media and restores filter capacity during backwashing cycles.

Timeline of Sodium Hypochlorite Tank Failures

Tank No. 1 began leaking on July 22nd, 2026, at two distinct locations (Attachment No. 5.1):

- The front face of the manway access flange.
- The front face of the discharge flange servicing the sodium hypochlorite feed pumps.

Peak summer water demands required both tanks to remain operational, so repair was not immediately possible. The volume of the leaks in Tank No. 1 was initially minimal and manageable by WTP operations staff, and the tank was scheduled to be taken offline for in-house repairs during the following low-demand season (November 2026 through February 2027).

On September 10th, 2026, Tank No. 2 began leaking on the backside of the discharge flange used for the sodium hypochlorite feed pumps (Attachment No. 5.2). Due to its complex location, this leak cannot be repaired by WTP staff and requires the services of a contractor with experience in this type of work.

Emergency Risk Assessment

Both of the sodium hypochlorite tanks are currently compromised and actively leaking. Because 12.5% chlorine concentration is classified as a severe corrosive and strong oxidizer, these concurrent failures pose immediate operational and safety risks. Engineering consultant, Black & Veatch Corporation, was on-site at the time of the failures and confirmed that the situation constitutes an emergency (Attachment No. 5.3). Identifiable risks include:

- Health Hazard (Corrosive Action).
 - Acute risk of skin and eye damage, as well as severe respiratory irritation for personnel.
- Off Gassing and Reactive Hazards.
 - Leaking liquid poses an extreme risk if it comes into contact with incompatible materials on the ground or in the secondary containment area.

Prior Rehabilitation Efforts and Procurement Actions

Prior to the active leaks, the city attempted to proactively extend the serviceable life of the assets by soliciting three quotes for tank rehabilitation in June 2026. After reviewing the tank specifications and photos provided by the city, all three contractors were non-responsive (Attachment No. 5.4); notably, one firm explicitly recommended complete replacement over repair (Attachment No. 5.5).

The existing sodium hypochlorite tanks have been in service for more than 20 years, exceeding their anticipated design life of up to fifteen (15) years with proper maintenance. Over the years, each tank has undergone multiple repairs by outside contractors (2015, 2020, and 2021) and in-house staff (2025). Given the failed June 2026 solicitation, the active leaks, and a minimum eight-week procurement lead time for new sodium hypochlorite tanks, the Utilities Department requested an Emergency Waiver of Bid on September 24th, 2026, to expedite the procurement of two new 12.5% sodium hypochlorite tanks (Attachment No. 5).

Current Environmental Compliance and Contingency Operations

The city is actively executing its Spill Prevention Control and Countermeasure (SPCC) Plan, and developing a temporary contingency plan, which includes renting temporary chemical storage tanks with integrated secondary containment. Staff will continue to monitor the site conditions and notify regulatory agencies as mandated by the SPCC.

Project Integration and Funding Request

The WTP Caustic Soda System Project (WA2401) is currently under construction at the WTP. The active on-site project team is comprised of:

- BWD Construction, Inc. dba BWD General Engineering Contractors (BWD) for construction.
- Infrerra Construction Management Group (ICM) for construction management and inspection services.
- Black & Veatch Corporation (B&V) for design and construction administration services.

The Utilities Department proposes utilizing the same project team for additional design, construction, and inspection services associated with the installation of the two new sodium hypochlorite tanks. By using the same project team currently working at the WTP, this saves on mobilization costs, improves efficiency, and benefits from the teams' knowledge of treatment plant processes and protocols.

The scope expansion required for construction work for installation of the two new sodium hypochlorite tanks will exceed the original 10% contingency previously authorized by City Council through Resolution No. 11598, necessitating an additional contingency appropriation for the Agreement (Contract No. 174-21 26-019) with BWD for construction of the Water Treatment Plant Caustic Soda Storage System Project.

Similarly, the additional construction management and inspection services for this work will be authorized through Amendment No. 1 to the Agreement (Contract No. 173-21 26-023) with ICM for construction management and inspection services for the WTP Caustic Soda and Feed System Project.

In addition to the work for the two new tanks, the WTP Caustic Soda System Project has experienced a higher volume of contractor submittals and Requests for Information (RFI) than originally estimated. Consequently, the original budget allocated for processing contractor submittals and responding to RFI's in B&V's agreement (Contract No. 173-21 23-037) has been fully exhausted. Amendment No. 4 to the agreement will authorize the additional design and engineering services required to be provided by B&V for successful completion of the WTP Caustic Soda System Project. Additional design and construction administration services are needed for the work related to the installation of the two new sodium hypochlorite tanks and associated appurtenances. This includes submittal review, responding to RFI's, additional project management and progress meeting attendance. These will also be incorporated in Amendment No. 4.

Recommendation and Resolution Authorization

The Utilities Department recommends that the City Council:

- Authorizes the City Manager to approve additional contingency in the amount of \$446,000 from the Water Operating Fund (Fund 520) for the Agreement (Contract No. 174-21 26-019) with BWD Construction, Inc. dba BWD General Engineering Contractors for construction of the Water Treatment Plant Caustic Soda Storage System Project.
- Authorizes the City Manager to execute Amendment No. 1 to the Agreement (Contract No. 173-21 26-023) with Inferrera Construction Management Group, Inc. for \$128,203.36 from the Water Operating Fund (Fund 520) for additional construction management and inspection services for the Water Treatment Plant Caustic Soda System Project (WA2401).
- Authorizes the City Manager to execute Amendment No. 4 to the Agreement (Contract No. 173-21 23-037) with Black & Veatch Corporation for \$131,737.60 from the Water Operating Fund (Fund 520) and \$7,694.40 from the Water Capital Fund (Fund 521) for the Design of the Water Treatment Plant Caustic Soda System Project (WA2401).
- Ratifies the City Manager's Authorization to Execute a purchase agreement with Harrington Industrial Plastics LLC in the amount of \$182,391.14 from the Water Operating Fund (Fund 520) for emergency procurement of two polyethylene chemical storage tanks.
- Authorizes the associated appropriation of funds.

POLICY / RULE

In accordance with Chapter 2.36 of the Folsom Municipal Code, supplies, equipment, services, and construction with a value of \$77,426 or greater shall be awarded by City Council.

In accordance with Chapter 2.36 of the Folsom Municipal Code, the city manager shall make, or authorize others to make, emergency procurement of supplies when there exists a threat to public health or safety; provided, that such emergency procurement shall be made with sufficient competition as is practicable under the circumstances. The requesting department shall complete a waiver of bid format and submit it for filing with the city clerk.

ANALYSIS

The WTP Caustic Soda System Project (WA2401) is currently under construction at the WTP. The active on-site project team is comprised of:

- BWD Construction, Inc. dba BWD General Engineering Contractors (BWD) for construction.
- Infrerra Construction Management Group (ICM) for construction management and inspection services.
- Black & Veatch Corporation (B&V) for design and construction administration services.

Use of the same project team for additional design, construction, and inspection services associated with the work of installing the two new sodium hypochlorite tanks saves on mobilization costs, improves efficiency, and benefits from the teams' knowledge of treatment plant processes and protocols.

i. Construction: BWD

The work identified to replace the two existing sodium hypochlorite tanks will exceed the 10% contingency (in the amount of \$218,620) previously authorized by City Council through Resolution No. 11598. The specific scope of work (Attachment No. 6) for the replacement of the two existing tanks and their associated appurtenances is outlined below:

- | | |
|---|----------|
| ➤ Tank and piping removal; patching of resulting holes | \$44,000 |
| ➤ Concrete tank pad removal, disposal of associated debris | \$24,000 |
| ➤ Construct (2) new concrete tank foundation pads | \$68,000 |
| ➤ Install (2) new owner furnished tanks | \$27,000 |
| ➤ Install piping and stainless steel supports per scope | \$96,000 |
| ➤ Install owner supplied transfer pump | \$ 5,000 |
| ➤ Replace in kind pipe insulation | \$25,000 |
| ➤ Associated electrical work, including demolition and installation of electrical conduit and wiring. | |
| Provide and install level transmitters | \$68,000 |
| ➤ 25% contingency | \$89,000 |

City staff is requesting authorization to approve an additional contingency for the project in the amount of \$446,000 above the original \$218,620 contingency funds approved by City Council, resulting in a revised, cumulative not-to-exceed contingency amount of \$664,620.

This Resolution will authorize the City Manager to approve this additional contingency from the Water Operating Fund (Fund 520) for the active agreement (Contract No. 174-21 26-019) with BWD for the construction of the WTP Caustic Soda System Project (WA2401) and approve the corresponding appropriation of funds.

ii. Construction Management and Inspection: ICM

Replacing the two existing sodium hypochlorite tanks requires additional construction management and inspection services (Attachment No. 7). To accommodate this scope expansion, Amendment No. 1 (Contract No. 173-21 26-023) with ICM will cover increased project coordination, project management, and additional construction inspection for the replacement of the two sodium hypochlorite tanks.

This Resolution will authorize the City Manager to execute Amendment No. 1 to the Agreement (Contract No. 173-21 26-023) with ICM for \$128,203.36 from the Water Operating Fund (Fund 520) for additional construction management and inspection services for the WTP Caustic Soda System Project for a revised total contract not-to-exceed amount of \$503,488.36 and approve the corresponding appropriation of funds.

iii. Design and Engineering Services: B&V

Additional design and engineering services recommended to be provided by B&V (Attachment No. 8) for the WTP Caustic Soda System Project and for the work related to the WTP Sodium Hypochlorite Tanks are identified below:

- For the WTP Caustic Soda System Project:
 - Review of submittals/resubmittals.
 - Review of RFI's.
 - Project management.
 - Additional effort required to update as-built drawings upon completion of construction.
- For work related to the WTP Sodium Hypochlorite Tanks:
 - Design modifications, including civil, structural, electrical and Instrumentation & Controls.
 - Review of submittals/resubmittals.
 - Review of RFI's.
 - Project management.
 - Establish as-built drawings upon completion of the sodium hypochlorite tanks.

This Resolution will authorize the City Manager to execute Amendment No. 4 to the Agreement (Contract No. 173-21 23-037) with B&V for \$131,737.60 from the Water Operating Fund (Fund 520) and \$7,694.40 from the Water Capital Fund (Fund 521) for the design of the WTP Caustic

Soda System Project (WA2401) for a revised total contract not-to-exceed amount of \$604,902 and approve the corresponding appropriation of funds.

iv. Purchase Agreement: Harrington Industrial Plastics, LLC

As required by section 2.36.150 of the Folsom Municipal Code, which states that *emergency procurement shall be made with sufficient competition as is practicable under the circumstances*, the city requested quotes for the required chemical storage tanks from 3 manufacturers, and received the following responses:

Manufacturer	Manufacturer's Representative	Base Cost (Excl. tax)	Tax (7.75%)	Estimated Freight	Not to Exceed Total
Assmann	D&H Water Systems, Inc.	Non-responsive (unable to provide a quote in given timeframe)			
Poly Processing	Goble Sampson	\$185,530	\$14,378.58	\$31,785	\$234,908.58*
Snyder	Harrington Industrial Plastics, LLC	\$150,710.14	\$11,680	\$15,072	182,391.14**

Table 1: Responses to Request for Quotes for chemical storage tanks

*This not to exceed total allows for up to \$35,000 for freight costs

**This not to exceed total allows for up to \$20,000 for freight costs

The companies that provided quotes were also requested to advise on lead time for the requested tanks.

- Poly Processing (supplied by Goble Sampson).
 - Lead time: Approximately 6 - 8 weeks from drawing approval (drawing approval is approx. 1-2 weeks).
- Snyder (supplied by Harrington).
 - Lead time: Approximately 5-7 weeks from drawing approval (drawing approval is approx. 1-2 weeks).

Based on the above, and after reviewing the quoted tank specifications, the Utilities Department recommended purchase of two tanks manufactured by Snyder, supplied by Harrington Industrial Plastics, LLC.

On September 29, 2026, at the request of the Utilities Department, the City Manager approved a Waiver of Bid for Emergency Procurement (Attachment 5) providing authorization to proceed with a purchase agreement for the two required sodium hypochlorite tanks. In the waiver, it was noted that as the cost of the required equipment exceeds the City Manager limit, the procurement would be ratified at the City Council meeting on October 27, 2026. The associated purchase agreement was executed on October 15, 2026.

This Resolution will ratify the City Manager's authorization to execute the purchase agreement with Harrington Industrial Plastics LLC in the not to exceed amount of \$182,391.14 from the

Water Operating Fund (Fund 520) for emergency procurement of two polyethylene chemical storage tanks.

FINANCIAL IMPACT

The WTP has an overall capacity of 50 million gallons a day (MGD) of which the current Lime Feed System can treat 30 million gallons a day (MGD). On completion of the WTP Caustic Soda System Project (WA2401) the new Caustic Soda Feed System will have the capacity to treat the maximum 50 MGD, increasing the treatment capacity by 40%. Therefore, funding for any additional work required for this project is split 60/40 between the Water Operating Fund (Fund 520) and the Water Capital Fund (Fund 521).

Funding for the purchase of the two sodium hypochlorite tanks and for any work associated with installation of the tanks will be entirely from the Water Operating Fund (Fund 520). No financial contribution is required from the Water Capital Fund (Fund 521) for this emergency work.

i. Construction: BWD

On April 28th, 2026, City Council passed Resolution No. 11598, authorizing the City Manager to execute an agreement with BWD for the construction of the WTP Caustic Soda System Project (WA2401). The total authorized budget was \$2,404,820, which included a \$2,186,200 base contract and a 10% contingency of \$218,620.

The Utilities Department recommends increasing the contingency amount budgeted for this agreement (Contract No. 174-21 26-019) by an additional \$446,000 above the original \$218,620 for a revised total contingency of \$664,620. This request will result in a new total not-to-exceed project budget for this agreement of \$2,850,820.

The funding sources for BWD's original and new contract (with revised contingency) are summarized in Table 2 below:

	Fund 520	Fund 521	Total
Original BWD Contract	\$1,311,720.00	\$874,480.00	\$2,186,200.00
Original Contingency	\$131,172.00	\$87,448.00	\$218,620.00
Original Contract Total	\$1,442,892.00	\$961,928.00	\$2,404,820.00
Additional Contingency	\$446,000	\$0	\$446,000
NEW BWD CONTRACT TOTAL	\$1,888,892	\$961,928.00	\$2,850,820

Table 2: Funding sources for both the original BWD contract and after including additional contingency

Project costs expended and encumbered to date include design, advertisement, construction administration services, construction management services, inspection services and construction. An appropriation in the amount of \$446,000 in the Water Operating Fund (Fund 520) is required for the increased contingency and if approved would increase the total project budget to \$3,703,500. Sufficient funds are available in the Water Operating Fund (Fund 520) to support this appropriation.

ii. Construction Management and Inspection: ICM.

On April 28th, 2026, City Council passed Resolution No. 11599, authorizing the City Manager to execute an agreement with Inferrera Construction Management (ICM) for construction management and inspection services for the Water Treatment Plant Caustic Soda System Project (WA2401). The total authorized contract budget was \$375,285.

The Utilities Department recommends that the City Council authorize the City Manager to execute Amendment No. 1 to the agreement (Contract No. 173-21 26-023) with ICM for additional construction management and inspection services for the WTP Caustic Soda and Feed System Project (WA2401) increasing the total compensation by \$128,203.36 for a new total not-to-exceed contract amount of \$503,488.36.

The funding sources for ICM's original and amended contract are summarized in Table 3 below:

	Fund 520	Fund 521	Total
Original ICM Contract	\$225,171.00	\$150,114.00	\$375,285.00
ICM Amendment No. 1	\$128,203.36	\$0.00	\$128,203.36
NEW ICM CONTRACT TOTAL	\$353,374.36	\$150,114.00	\$503,488.36

Table 3: Funding sources for both the original ICM contract and the amended contract

An appropriation in the amount of \$128,203.36 in the Water Operating Fund (Fund 520) is required for the amendment to the agreement. Assuming adoption of Resolution No. 11735 for an additional contingency for the agreement (Contract No. 174-21 26-019) with BWD at the October 27, 2026 City Council meeting, these combined actions will bring the cumulative project budget to a new total of \$3,831,703.36. Sufficient funds are available in the Water Operating Fund (Fund 520) to support this appropriation.

iii. Design and Engineering Services: B&V

On July 11, 2023, City Council passed Resolution No. 11064, authorizing the City Manager to execute an agreement with B&V for the design of the WTP Caustic Soda System Project (WA2401) for a total not to exceed amount of \$233,915 funded through the Water Operating Fund (Fund 520). Amendment No. 1, to extend the term of the agreement by one year to facilitate the design, was executed in July 2024. On November 12, 2024, City Council passed Resolution No. 11282, authorizing the City Manager to execute Amendment No. 2 to the agreement, increasing the total compensation by \$231,555 (Fund 520: \$45,367; Fund 521: \$186,188) for a new not-to-exceed contract amount of \$465,470 (Fund 520: \$279,282; Fund 521: \$186,188). Amendment No. 3, to extend the term of the agreement for an additional two years, was executed in February 2026.

The Utilities Department recommends that the City Council authorize the City Manager to execute Amendment No. 4 to the agreement (Contract No. 173-21 23-037) with B&V for additional design and construction administration services for the WTP Caustic Soda System Project (WA2401) increasing the total compensation by \$139,432 (Fund 520: \$131,737.60; Fund 521: \$7,694.40) for a new not-to-exceed amount of \$604,902 (Fund 520: \$411,019.60; Fund 521: \$193,882.40).

For Amendment No. 4, the Water Operating Fund (Fund 520) will fully fund costs associated with the replacement of the two sodium hypochlorite tanks, and no financial contribution is required from the Water Capital Fund (Fund 521) to pay for engineering services related to this emergency work. However, because the new Caustic Soda System increases treatment capacity by 40% (up to 50 million gallons per day) compared to the previous lime feed system, the additional design and construction administration services for the WTP Caustic Soda System Project will be split: 60% from the Water Operating Fund (Fund 520) and 40% from the Water Capital Fund (Fund 521).

The funding sources for B&V's current contract and for work to be performed for Amendment No.4 are summarized in Table 4 below:

	Fund 520	Fund 521	Total
Current B&V Contract Total	\$279,282.00	\$186,188.00	\$465,470.00
Emergency work related to the WTP Sodium Hypochlorite Tanks	\$120,196.00	\$0	\$120,196.00
Additional Design Services for WTP Caustic Soda System Project	\$11,541.60	\$7,694.40	\$19,236.00
Amendment No. 4 Total	\$131,737.60	\$7,694.40	\$139,432.00
NEW B&V CONTRACT TOTAL	\$411,019.60	\$193,882.40	\$604,902.00

Table 4: Funding sources for both the original B&V contract and the amended contract

An appropriation in the amount of \$131,737.60 in the Water Operating Fund (Fund 520) and \$7,694.40 from the Water Capital Fund (Fund 521) is required for the amendment to the agreement. Assuming adoption of Resolution No. 11735, for an additional contingency for the agreement (Contract No. 174-21 26-019) with BWD for construction on the same project (WA2401), which is being presented to City Council at the same meeting on October 27, 2026, and assuming adoption of Resolution No. 11736 for Amendment No. 1 to the agreement (Contract No. 173-21 26-023) with ICM. for work on the same project (WA2401), which is being presented to City Council at the same meeting on October 27, 2026, these combined actions will bring the cumulative project budget to a new total of \$3,971,135.36. Sufficient funds are available in both the Water Operating Fund (Fund 520) and the Water Capital Fund (Fund 521) for the appropriation.

iv. Procurement of two Sodium Hypochlorite Tanks: Harrington Industrial Plastics, LLC

On September 29, 2026, a Waiver of Bid for Emergency Procurement (Attachment No. 5) was approved, providing authorization to proceed with a purchase agreement in the not to exceed amount of \$182,391.14 for the two required sodium hypochlorite tanks. The associated purchase agreement was executed on October 15, 2026.

The Water Operating Fund (Fund 520) will fully fund the procurement of the two sodium hypochlorite tanks, and no financial contribution is required from the Water Capital Fund (Fund 521).

The Utilities Department recommends that the City Council ratifies the City Manager's authorization to execute this purchase agreement with Harrington Industrial Plastics LLC in the amount of \$182,391.14 from the Water Operating Fund (Fund 520).

Additionally, the City will rent temporary chemical storage tanks for sodium hypochlorite. This will allow the Contractor to demolish and install the tanks concurrently, significantly improving construction efficiency and productivity. After only one of three companies responded to a request for quotes, the Utilities Department has prepared a sole source waiver of bid (Attachment No. 9) requesting approval to accept the proposal from Rain for Rent. The estimated rental cost of two (2) tanks (excluding tax) is \$2,793.47 per month, plus one-time delivery, installation, removal and service fees totaling \$3,106.80. The Utilities Departments anticipates a rental period of no more than six months, at a cost not to exceed \$21,500.00. The Water Operating Fund (Fund 520) will fully fund the costs for rental of the temporary chemical storage tanks, and no financial contribution is required from the Water Capital Fund (Fund 521).

An appropriation in the amount of \$203,891.14 in the Water Operating Fund (Fund 520) is required for the purchase of two sodium hypochlorite tanks in the amount of \$182,391.14 and for the rental of temporary chemical storage tanks in the amount of \$21,500. Assuming adoption of Resolution No. 11735, for an additional contingency for the agreement (Contract No. 174-21 26-019) with BWD for construction on the same project (WA2401), which is being presented to City Council at the same meeting on October 27, 2026, and assuming adoption of Resolution No. 11736 for Amendment No. 1 to the agreement (Contract No. 173-21 26-023) with ICM for work on the same project (WA2401), which is being presented to City Council at the same meeting on October 27, 2026, and assuming adoption of Resolution No. 11737 for Amendment No. 4 to the agreement (Contract No. 173-21 23-037) with B&V for work on the same project (WA2401), which is being presented to City Council at the same meeting on October 27, 2026, these combined actions will bring the cumulative project budget to a new total of \$4,175,026.50. Sufficient funds are available in both the Water Operating Fund (Fund 520) and the Water Capital Fund (Fund 521) for the appropriation.

v. Total Revised Project Costs with Funding Sources.

The funding sources for the revised project costs, including additional contingency for construction on the BWD contract, Amendment No. 1 for ICM, Amendment No. 4 for B&V, purchase of two tanks, and rental of tanks, are summarized in Table 5 below:

	Fund 520	Fund 521	Total
Original WA2401 Project Costs	\$1,954,500.00	\$1,303,000.00	\$3,257,500.00
Additional Contingency for construction (BWD)	\$446,000	\$0.00	\$446,000
Amendment No. 1 for ICM	\$128,203.36	\$0.00	\$128,203.36
Amendment No. 4 for B&V	\$131,737.60	\$7,694.40	\$139,432.00
Purchase Agreement with Harrington	\$182,391.14	0	\$182,391.14
Tank rental	\$21,500		\$21,500
TOTAL REVISED PROJECT COSTS	\$2,864,332.10	\$1,310,694.40	\$4,175,026.50

Table 5: Funding sources for project WA2401, showing original costs, and revised costs, after including additional contingency for construction for BWD, amendments for ICM and B&V, purchase of 2 new chemical storage tanks and rental of temporary chemical storage tanks

ENVIRONMENTAL REVIEW

This project is replacement and/or improvement of existing infrastructure with negligible or no expansion of use and therefore is categorically exempt from environmental review under the California Environmental Quality Act as noted in Title 14 – California Code of Regulations, Chapter 3 – Guidelines for Implementation of the California Environmental Quality Act, Article 19 – Categorical Exemptions, Sections 15301 (Existing Facilities), 15302 (Replacement or Reconstruction), and/or 15304 (Minor Alterations to Land).

ATTACHMENTS

1. Resolution No. 11735 – A Resolution Authorizing the City Manager to Approve an Additional Contingency in the Amount of \$446,000 from the Water Operating Fund (Fund 520) for the Agreement (Contract No. 174-21 26-019) with BWD Construction, Inc. dba BWD General Engineering Contractors for Construction of the Water Treatment Plant Caustic Soda Storage and Feed System Project (WA2401) and Appropriation of Funds
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4. Resolution No. 11738 - A Resolution Ratifying the City Manager's Authorization to Execute a Purchase Agreement with Harrington Industrial Plastics LLC in the Amount of \$182,391.14 from the Water Operating Fund (Fund 520) for Emergency Procurement of Two Polyethylene Chemical Storage Tanks and Appropriation of Funds
5. Emergency Waiver of Bid
 - 5.1 Sodium Hypochlorite Tank No. 1 Leak Photos
 - 5.2 Sodium Hypochlorite Tank No. 2 Leak Photos
 - 5.3 Black and Veatch e-mail recommending Replacement of the Tanks
 - 5.4 June 2026 Responses to Requests for Re-Coating the Tanks

5.5 Recommendation for Replacement of FRP Sodium Hypochlorite Tanks in lieu of Repair

5.6 Sodium Hypochlorite Tank Quotes

6. BWD Scope and Fee

7. ICM Scope and Fee

8. B&V Scope and Fee

9. Sole Source Waiver of Bid for Rain for Rent – Chemical Storage Tank Rental

Submitted,

Marcus Yasutake, Director
UTILITIES DEPARTMENT

Attachment 1

RESOLUTION NO. 11735

A RESOLUTION AUTHORIZING THE CITY MANAGER TO APPROVE AN ADDITIONAL CONTINGENCY IN THE AMOUNT OF \$446,000 FROM THE WATER OPERATING FUND (FUND 520) FOR THE AGREEMENT (CONTRACT NO. 174-21 26-019) WITH BWD CONSTRUCTION, INC. DBA BWD GENERAL ENGINEERING CONTRACTORS FOR CONSTRUCTION OF THE WATER TREATMENT PLANT CAUSTIC SODA SYSTEM PROJECT (WA2401) AND APPROPRIATION OF FUNDS

WHEREAS, the City of Folsom identified that the project is critical to ensuring the treatment of high quality water supply to be delivered to all residents; and

WHEREAS, the City of Folsom has identified this project as a priority to maintain the integrity and operation of the water treatment system; and

WHEREAS, on April 28, 2026, City Council passed Resolution No. 11598, authorizing the City Manager to execute an agreement with BWD Construction, Inc. dba BWD General Engineering Contractors for the construction of the Water Treatment Plan Caustic Soda and Feed System Project (WA2401). The total authorized budget for the contract was \$2,404,820 (Fund 520: \$1,442,892; Fund 521: \$961,928), which included a \$2,186,200 (Fund 520: \$1,311,720; Fund 521: \$874,480) base contract and a 10% contingency of \$218,620 (Fund 520: \$131,172; Fund 521: \$87,448); and

WHEREAS, the Water Treatment Plant Caustic Soda System Project (WA 2401) is included in the FY 2026-27 Capital Improvement Plan; and

WHEREAS, the Utilities Department is requesting authorization for approval of an additional contingency for the project in the amount of \$446,000 (Fund 520: \$446,000; Fund 521: \$0) above the originally approved contingency amount of \$218,620 (Fund 520: \$131,172; Fund 521: \$87,448) for a revised not-to-exceed contingency amount of \$664,620 (Fund 520: \$577,172; Fund 521: \$87,448); and

WHEREAS, this request will increase the project budget by \$446,000 (Fund 520: \$446,000; Fund 521: \$0) above the originally approved project budget amount of \$3,257,5000 (Fund 520: \$1,954,500; Fund 521: \$1,303,000) for a revised total not-to-exceed amount of \$3,703,500.00 (Fund 520: \$2,400,500.00; Fund 521: \$1,303,000.00); and

WHEREAS, an additional appropriation of funds in the amount of \$446,000 (Fund 520: \$446,000; Fund 521: \$0) is needed for this request and sufficient funds are available in the Water Operating Fund (Fund 520) for this appropriation; and

WHEREAS, the agreement will be in a form acceptable to the City Attorney;

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Folsom hereby authorizes the City Manager to approve an additional contingency in the amount of \$446,000 from the Water Operating Fund (Fund 520) for the agreement with BWD Construction,

Inc. dba BWD General Engineering Contractors for Construction of the Water Treatment Plant Caustic Soda System Project (WA2401) for a new total not-to exceed project budget of \$3,703,500 (Fund 520: \$2,400,500; Fund 521: \$1,303,000) and;

BE IT FURTHER RESOLVED that the Finance Director is authorized to appropriate \$466,000 for this agreement. The appropriation will be from the Water Operating Fund (Fund 520) fund balance in the amount of \$466,000.

PASSED AND ADOPTED this 27th day of October 2026, by the following roll-call vote:

AYES: Councilmember(s):
NOES: Councilmember(s):
ABSENT: Councilmember(s):
ABSTAIN: Councilmember(s):

Justin Raithel, MAYOR

ATTEST:

Christa Freemantle, CITY CLERK

Attachment 2

RESOLUTION NO. 11736

A RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE AMENDMENT NO. 1 TO THE AGREEMENT (CONTRACT NO. 173-21 26-023) WITH INFERRERA CONSTRUCTION MANAGEMENT GROUP, INC. FOR \$128,203.36 FROM THE WATER OPERATING FUND (FUND 520) FOR CONSTRUCTION MANAGEMENT AND INSPECTION SERVICES FOR THE WATER TREATMENT PLANT CAUSTIC SODA SYSTEM PROJECT (WA2401) AND APPROPRIATION OF FUNDS

WHEREAS, the City of Folsom identified that the project is critical to ensuring the treatment of high quality water supply to be delivered to all residents; and

WHEREAS, the City of Folsom has identified this project as a priority to maintain the integrity and operation of the water treatment system; and

WHEREAS, Inferrera Construction Management, Inc. by reason of their experience and abilities for performing these types of services, are qualified to perform the required additional construction management and inspection services for this project; and

WHEREAS, on April 28, 2026, City Council passed Resolution No. 11599, authorizing the City Manager to execute an agreement with Inferrera Construction Management Group, Inc. for construction management and inspection services for the Water Treatment Plan Caustic Soda and Feed System Project (WA2401) for a total of \$375,285 (Fund 520: \$225,171; Fund 521: \$150,114); and

WHEREAS, the Water Treatment Plant Caustic Soda System Project (WA 2401) is included in the FY 2026-27 Capital Improvement Plan; and

WHEREAS, assuming adoption of Resolution No. 11735 for an additional contingency for the Agreement (Contract No. 174-21 26-019) with BWD Construction, Inc. dba BWD General Engineering Contractors for construction on the same project (WA2401) which is being presented to City Council at the same meeting on October 27, 2026, where the total project budget was increased from \$3,257,500 (Fund 520: \$1,954,500; Fund 521: \$1,303,000) to \$3,703,500 (Fund 520: \$2,400,500; Fund 521: \$1,303,000); and

WHEREAS, an additional appropriation of funds in the amount of \$128,203.36 (Fund 520) is needed for a revised total project budget of \$3,831,703.36 (Fund 520 \$2,528,703.36; Fund 521: \$1,303,000) and sufficient funds are available in the Water Operating Fund (Fund 520) for this appropriation; and

WHEREAS, the agreement will be in a form acceptable to the City Attorney:

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Folsom hereby authorizes the City Manager to execute Amendment No. 1 to the Agreement (Contract No. 173-21 26-023) with Inferrera Construction Management Group, Inc. for additional construction

management and inspection services for the Water Treatment Plant Caustic Soda System Project (WA2401) in the amount of \$128,203.36 (Fund 520: \$128,203.36) and the new contract not-to-exceed amount, including Amendment No. 1 is \$503,488.36 (Fund 520: \$353,374.36; Fund 521: \$150,114) and;

BE IT FURTHER RESOLVED that the Finance Director is authorized to appropriate \$128,203.36 for this agreement. The appropriation will be from the Water Operating Fund (Fund 520) fund balance in the amount of \$128,203.36.

PASSED AND ADOPTED this 27th day of October 2026, by the following roll-call vote:

AYES: Councilmember(s):
NOES: Councilmember(s):
ABSENT: Councilmember(s):
ABSTAIN: Councilmember(s):

Justin Raithel, MAYOR

ATTEST:

Christa Freemantle, CITY CLERK

Attachment 3

RESOLUTION NO. 11737

A RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE AMENDMENT NO. 4 TO THE AGREEMENT (CONTRACT NO. 173-21 23-037) WITH BLACK & VEATCH CORPORATION FOR \$131,737.60 FROM THE WATER OPERATING FUND (FUND 520) AND \$7,694.40 FROM THE WATER CAPITAL FUND (FUND 521) FOR THE DESIGN OF THE WATER TREATMENT PLANT CAUSTIC SODA SYSTEM PROJECT (WA2401) AND APPROPRIATION OF FUNDS

WHEREAS, the City of Folsom identified that the project is critical to ensuring the treatment of high quality water supply to be delivered to all residents; and

WHEREAS, the City of Folsom has identified this project as a priority to maintain the integrity and operation of the water treatment system; and

WHEREAS, Black & Veatch Corporation, by reason of their experience and abilities for performing these types of services, are qualified to perform the required additional design services needed for this project; and

WHEREAS, the Water Treatment Plant Caustic Soda System Project (WA 2401) is included in the FY 2026-27 Capital Improvement Plan; and

WHEREAS, assuming adoption of Resolution No. 11735 for an additional contingency for the agreement (Contract No. 174-21 26-019) with BWD Construction, Inc. dba BWD General Engineering Contractors for construction on the same project (WA2401) which is being presented to City Council at the same meeting on October 27, 2026, where the total project budget was increased from \$3,257,500 (Fund 520: \$1,954,500; Fund 521: \$1,303,000) to \$3,703,500 (Fund 520: \$2,400,500; Fund 521: \$1,303,000); and

WHEREAS, assuming adoption of Resolution No. 11736 for Amendment No. 1 to the agreement (Contract No. 173-21 26-023) with Infrerra Construction Management Group, Inc. on the same project (WA2401) which is being presented to City Council at the same meeting on October 27, 2026, where the total project budget was increased by \$128,203.36 (Fund 520) to \$3,831,703.36 (Fund 520: \$2,528,703.36; Fund 521; \$1,303,000); and

WHEREAS, an appropriation of funds in the amount of \$139,432 (Fund 520: \$131,737.60; Fund 521: \$7,694.40) is needed for a revised overall project budget \$3,971,135.36 (Fund 520: \$2,660,440.96; Fund 521: \$1,310,694.40) and sufficient funds are available in the Water Operating Fund (Fund 520) and in the Water Capital Fund (Fund 521) for this appropriation; and

WHEREAS, the agreement will be in a form acceptable to the City Attorney:

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Folsom hereby authorizes the City Manager to execute Amendment No. 4 to the Agreement (Contract No. 174-21 26-019) with Black & Veatch Corporation for additional design services for the Water

Treatment Plant Caustic Soda System Project (WA2401) in the amount of \$139,432 (Fund 520: \$131,737.60; Fund 521: \$7,694.40) and the new contract not-to-exceed amount, including Amendment No. 4 is \$604,902 (Fund 520: \$411,019.60; Fund 521: \$193,882.40) and;

BE IT FURTHER RESOLVED that the Finance Director is authorized to appropriate \$139,432 for this agreement. The appropriation will be from the Water Operating Fund (Fund 520) in the amount of \$131,737.60 and from the Water Capital Fund (Fund 521) in the amount of \$7,694.40.

PASSED AND ADOPTED this 27th day of October 2026, by the following roll-call vote:

AYES: Councilmember(s):
NOES: Councilmember(s):
ABSENT: Councilmember(s):
ABSTAIN: Councilmember(s):

Justin Raithel, MAYOR

ATTEST:

Christa Freemantle, CITY CLERK

Attachment 4

RESOLUTION NO. 11738

A RESOLUTION RATIFYING THE CITY MANAGER'S AUTHORIZATION TO EXECUTE A PURCHASE AGREEMENT WITH HARRINGTON INDUSTRIAL PLASTICS LLC IN THE AMOUNT OF \$182,391.14 FROM THE WATER OPERATING FUND (FUND 520) FOR EMERGENCY PROCUREMENT OF TWO POLYETHYLENE CHEMICAL STORAGE TANKS AND APPROPRIATION OF FUNDS

WHEREAS, the Utilities Department has identified a critical need to replace two tanks used for the storage of Sodium Hypochlorite at the City of Folsom Water Treatment Plant; and

WHEREAS, the tanks have reached the end of their serviceable life and are currently leaking, posing a potential threat to public health and safety; and

WHEREAS, the Utilities Department requested quotes for tanks from three suppliers of chemical storage tanks; and

WHEREAS, Harrington Industrial Plastics LLC provided the lowest price in the amount of \$162,391.14 (excluding delivery); and

WHEREAS, on September 29, 2026, the City Manager approved a Waiver of Bid for Emergency Procurement of the two tanks; and

WHEREAS, on October 15, 2026, the City Manager executed a purchase agreement (Contract No. 046-21 26-008) with Harrington Industrial Plastics LLC for procurement of the two tanks in the amount not to exceed \$182,391.14 which allows for up to \$20,000 for delivery; and

WHEREAS, the city requested quotes for rental of temporary chemical storage tanks to transfer sodium hypochlorite. This allows the Contractor to demolish and install the tanks concurrently, significantly improving construction efficiency and productivity; and

WHEREAS, the city requested quotes for rental of temporary chemical storage tanks and the only response received was from Rain for Rent; and

WHEREAS, the Utilities Department has routed a sole source waiver of bid for approval to rent two tanks from Rain for Rent for a period of up to six months, at a cost not to exceed \$21,5000; and

WHEREAS, assuming adoption of Resolution No. 11735 for an additional contingency for the agreement (Contract No. 174-21 26-019) with BWD Construction, Inc. dba BWD General Engineering Contractors for construction on the same project (WA2401) which is being presented to City Council at the same meeting on October 27, 2026, where the total project budget was increased from \$3,257,500 (Fund 520: \$1,954,500; Fund 521: \$1,303,000) to \$3,703,500 (Fund 520: \$2,400,500; Fund 521: \$1,303,000); and

WHEREAS, assuming adoption of Resolution No. 11736 for Amendment No. 1 to the

agreement (Contract No. 173-21 26-023) with Inferrera Construction Management Group, Inc. on the same project (WA2401) which is being presented to City Council at the same meeting on October 27, 2026, where the total project budget was increased from \$3,703,500 (Fund 520: \$2,400,500; Fund 521: 1,303,000) to \$3,831,703.36 (Fund 520: \$2,528,703.36; Fund 521: \$1,303,000); and

WHEREAS, assuming adoption of Resolution No. 11737 for Amendment No. 4 to the agreement (174-21 26-019) with Black & Veatch Corporation on the same project (WA2401) which is being presented to City Council at the same meeting on October 27, 2026, where the total project budget was increased from \$3,831,703.36 (Fund 520: \$2,528,703.36; Fund 521: \$1,303,000) to \$3,971,135.36 (Fund 520: \$2,660,440.96; Fund 521: \$1,310,694.40); and

WHEREAS, an additional appropriation of funds in the Water Operating Fund (Fund 520) in the amount of \$182,391.14 is needed for the procurement of the two sodium hypochlorite tanks for a revised overall project budget of \$4,153,526.50 (Fund 520: \$2,842,832.10; Fund 521: \$1,310,694.40) and sufficient funds are available in the Water Operating Fund (Fund 520) for this appropriation; and

WHEREAS, an additional appropriation of funds in the Water Operating Fund (Fund 520) in the amount of \$21,500 is needed for rental of temporary chemical storage tanks for a revised overall project budget of \$4,175,026.50 (Fund 520: \$2,864,332.10; Fund 521: \$1,310,694.40) and sufficient funds are available in the Water Operating Fund (Fund 520) for this appropriation; and

WHEREAS, the agreement will be in a form acceptable to the City Attorney:

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Folsom does hereby ratify the City Manager's authorization to execute the purchase agreement with Harrington Industrial Plastics LLC in the amount of \$182,391.14 from the Water Operating Fund (Fund 520) for emergency procurement of two polyethylene chemical storage tanks.

BE IT FURTHER RESOLVED that the City Council of the City of Folsom does hereby ratify the City Manager's authorization to execute the rental agreement in the amount of \$21,500 from the Water Operating Fund (Fund 520) for the rental of chemical storage tanks and approval of the associated waiver of bid.

BE IT FURTHER RESOLVED that the Finance Director is authorized to appropriate \$203,891.14 in the Water Operating Fund (Fund 520).

PASSED AND ADOPTED this 27th day of October 2026, by the following roll-call vote:

AYES: Councilmember(s):
NOES: Councilmember(s):
ABSENT: Councilmember(s):
ABSTAIN: Councilmember(s):

Justin Raithel, MAYOR

ATTEST:

Christa Freemantle, CITY CLERK

Attachment 5

Memo



CITY OF
FOLSOM

To: Christa Freemantle, City Clerk

From: Vaughn Fleischbein, PE
Bryson Pearson, Water Treatment Plant Manager

Date: 09/24/2026

Subject: **Request for Approval of Waiver of Bid for Emergency Procurement of Two Sodium Hypochlorite Tanks for the Water Treatment Plant**

This shall serve as a request for approval of a waiver of bid for emergency procurement of equipment pursuant to Section 2.36.150 of the Folsom Municipal Code, due to an existing threat to public health and safety. As the cost of the required equipment exceeds the City Manager limit, the procurement will be ratified at the City Council meeting on October 27, 2026.

Emergency

The City of Folsom's Water Treatment Plant (WTP) currently has two (2) 12.5% Fiber Reinforced Polymer (FRP) Tanks for the storage of Sodium Hypochlorite, which is primarily used for disinfection to eliminate pathogens in the drinking water system. **As of September 10th, 2026, both tanks are actively leaking and should be replaced immediately** to prevent spills and potential exposure to this chemical. Risks associated with exposure to sodium hypochlorite include:

- Health Hazard (Corrosive Action)
 - Skin and Eye Damage
 - Respiratory Irrigation
- Off Gassing and Reactive Hazards
 - Leaking liquid poses an extreme risk if it comes into contact with incompatible materials on the ground or in the secondary containment area.

Background

Sodium Hypochlorite at the WTP is primarily used for disinfection to eliminate pathogens, but it also serves several other critical chemical functions throughout the treatment process including:

- Primary Disinfection
 - Inactivate harmful microorganisms (bacteria, viruses, and parasites)

Memo



CITY OF
FOLSOM

- Secondary Disinfection
 - Maintain chlorine residual in the water distribution system to maintain CT values
- Pre-Chlorination for oxidation
 - Iron and manganese removal
 - Algae control
- Filter Maintenance
 - Backwashing of filters to sanitize the filter media and restore filter capacity

Tank No. 1 began leaking on July 22nd, 2026, at two locations (Attachment No. 1). The first location was on the front face of the manway access flange, and the second location was on the front face of the discharge flange used for the sodium hypochlorite feed pumps. The volume of the two leaks on Tank No. 1 was minimal and manageable until the necessary repairs could be performed by WTP staff. Because both tanks are required to remain in service during peak summer water demands, Tank No. 1 was scheduled to be taken offline for in-house repairs in November 2026 during the low water demand season (November through February).

On September 10th, 2026, Tank No. 2 began leaking (Attachment No. 2) on the backside of the discharge flange used for the sodium hypochlorite feed pumps. The location of this leak is more difficult to repair and cannot be repaired by WTP staff and requires the services of a Contractor.

The Utilities Department categorizes this as an emergency situation due to the following:

- Both sodium hypochlorite tanks are compromised and actively leaking.
- 12.5% chlorine concentration is classified as a severe corrosive and strong oxidizer, posing risks to public health and safety including:
 - Health Hazard (Corrosive Action)
 - Skin and Eye Damage
 - Respiratory Irritation
 - Off Gassing and Reactive Hazards
 - Leaking liquid poses an extreme risk if it comes into contact with incompatible materials on the ground or in the secondary containment area.

This classification as an emergency situation is outlined and documented in an email from consultants, Black & Veatch Corporation. (Attachment No. 3)

Memo



CITY OF
FOLSOM

Replacement vs Repair

In June 2026, prior to the tanks leaking, city staff tried to obtain 3 quotes for inspection and re-coating of the two tanks (Attachment No. 4). After receiving photos and tank plans, all three contractors were non-responsive. Additionally, one of the three contractors recommended replacement over repair (See Attachment 5).

Because the sodium hypochlorite tanks have been in service for more than 20 years (reaching their serviceable life), have been repaired multiple times by both outside contractors (2015, 2020/2021) and in-house staff (2025) and because 3 contractors were non-responsive in June of 2026 for the rehabilitation work of the existing tanks, the Utilities Department recommends purchasing two new sodium hypochlorite tanks.

Equipment Selection

High density polyethylene (HDPE) tanks are preferable to fiberglass reinforced plastic tanks for the storage of sodium hypochlorite because:

- Seamless, one-piece construction (no joint weakness).
- Integral chemical resistance (no liners required).
- Lower maintenance and inspection costs.
- Economic efficiency (lower upfront costs and easier installation).

The 3 recommended manufacturers of HDPE tanks, per Black & Veatch Corporation's technical specifications, are:

- Snyder.
- Poly Processing.
- Assmann.

Memo



CITY OF
FOLSOM

As required by section 2.36.150 of the Folsom Municipal Code, which states that 'emergency procurement shall be made with sufficient competition as is practicable under the circumstances' the city requested quotes from all 3 manufacturers, and received the following responses:

Manufacturer	Manufacturer's Representative	Base Cost (Excl. tax)	Tax (7.75%)	Estimated Freight	Estimate Total
Assmann	D&H Water Systems, Inc.	Non-responsive (unable to provide a quote in given timeframe)			
Poly Processing	Goble Sampson	\$185,530	\$14,378.58	\$31,785	\$231,693.58
Snyder	Harrington	\$150,710.14	\$11,680	\$15,072	\$177,462.14

The companies that provided quotes were also requested to advise on lead time for the requested tanks.

- Poly Processing (supplied by Goble Sampson)
 - Lead time: Approximately 6 - 8 weeks from drawing approval (drawing approval is approx. 1-2 weeks)
- Snyder (supplied by Harrington)
 - Lead time: Approximately 5-7 weeks from drawing approval (drawing approval is approx. 1-2 weeks)

Based on the above, the Utilities Department would like to purchase the tanks manufactured by Snyder and supplied by Harrington.

Equipment Installation

The WTP Caustic Soda System Project is currently under construction at the WTP. The active on-site project team is comprised of:

- Black & Veatch Corporation (Design and Construction Administration Services).
- Inferrera Construction Management Group (Construction Management and Inspection Services).
- BWD Construction, Inc. dba BWD General Engineering Contractors (Construction).

Memo



CITY OF
FOLSOM

The Utilities Department proposes utilizing the same project team for additional design, installation and inspection services associated with the emergency work of installing the two new sodium hypochlorite tanks. This action saves on mobilization costs, improves efficiency, and benefits from the teams' knowledge of treatment plant processes and protocols. Temporary tanks will need to be rented for the duration of the emergency work, for which the department is obtaining relevant quotes.

On the October 27, 2026, City Council meeting, the Utilities Department will seek authorization for this additional work and the appropriation of funds to pay for the two new tanks, the rental of temporary tanks, and work associated with installation of the tanks. In addition, the City Council will be asked to ratify the purchase contract resulting from this request for waiver of bid for emergency procurement of the two sodium hypochlorite tanks.

Monitoring and Contingency Plan

The city is currently following its Spill Prevention Control and Countermeasure (SPCC) Plan, actively working on a temporary contingency plan (renting chemical storage tanks with secondary containment) and will continue to monitor the situation and notify the proper agencies as identified in the SPCC.

Summary

As there is a critical need to install the new tanks as soon as possible, and the lead time for the tanks is 5 to 7 weeks from drawing approval, the Utilities Department requests approval of this waiver of bid for emergency procurement. The request is for the purchase of 2 sodium hypochlorite tanks manufactured by Snyder from the manufacturer's representative Harrington in the amount of \$150,710.14 (Base Cost) for an approximate total cost of \$177,462.14 which includes tax (7.75%) and estimated freight which is subject to change due to fuel surcharge and date of shipment. Funds from the Water Operating Fund (Fund 520) will be used for the purchase, and the procurement will be ratified at the City Council meeting on October 27, 2026.

Memo



CITY OF
FOLSOM

Submitted for Record and Filing by:



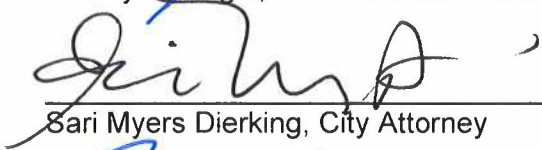
Marcus Yasutake, Utilities Director

9/24/2026
Date



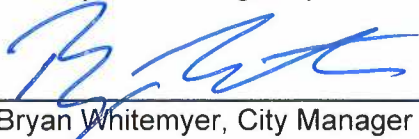
Stacey Tamagni, CFO/Finance Director

9/25/24
Date



Sari Myers Dierking, City Attorney

9/29/26
Date



Bryan Whitemyer, City Manager

9/29/26
Date

cc: City Clerk, Original
Chief Finance Officer
File

Attachments:

1. Sodium Hypochlorite Tank No. 1 Leak Photos
2. Sodium Hypochlorite Tank No. 2 Leak Photos
3. Black and Veatch e-mail corroborating the emergency situation and recommending Replacement of the Tanks
4. June 2026 Responses to Requests for Re-Coating the Tanks
5. Recommendation for Replacement of FRP Sodium Hypochlorite Tanks in lieu of Repair
6. Sodium Hypochlorite Tank Quotes

Memo



CITY OF
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Attachment No. 1

Sodium Hypochlorite Tank No. 1 Leak Photos



Manway Access Front Face Flange Leak



Discharge Front Face Flange Leak
(Feed Pumps)

Memo



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Attachment No. 2

Sodium Hypochlorite Tank No. 2 Leak Photos



**Discharge Rear Face Flange Leak
(Feed Pumps)**

Memo



CITY OF
FOLSOM

Attachment No. 3

Black and Veatch e-mail corroborating the emergency situation and recommending Replacement of the Tanks

Hi Bryson and Vaughn

Thank you for your calls today explaining the leakage situation at the two existing sodium hypochlorite storage tanks at the City's Water Treatment Plant. Based on the review of the existing records and tank specifications, these tanks were designed to hold a dilute (0.8% concentration) sodium hypochlorite solution generated using an onsite hypochlorite generation system originally. These tanks therefore were not suitable to hold 12.5% sodium hypochlorite solution. The City performed additional work on these tanks to make it suitable for storing 12.5% sodium hypochlorite solution. Over the years, the City also invested money in tank interior lining repair and maintenance. The existing tanks have served the City well over the last decade or more. However, the existing tanks are at the end of their useful life and continued issues such as leakage confirms the need for replacement of these tanks. The 12.5% sodium hypochlorite solution is classified as a severe corrosive and strong oxidizer chemical and storage tanks should be replaced immediately to prevent spills, resulting in exposure to this chemical and associated risks including:

- Health Hazard (Corrosive Action)
 - Skin and Eye Damage
 - Respiratory Irritation
- Off Gassing and Reactive Hazards
 - Leaking liquid poses an extreme risk if it comes into contact with incompatible materials on the ground or in the secondary containment area.

Black & Veatch as discussed is available to support the City in specifying the replacement tanks and associated appurtenances.

We are proceeding with preparing the tank specification for the City's use and should have it developed in the next week.

Please let us know if any additional information is needed.

Thanks

Ashu

Ashu Shirolkar, P.E.* (he/his)

Associate Vice President, Client Director

Government and Communities

Black & Veatch Corporation

10995 Gold Center Dr., Suite 100, Rancho Cordova, CA 95670

Memo



CITY OF
FOLSOM

Attachment No. 4

June 2026 Responses to Requests for Re-Coating the Tanks

From: [Bryson Pearson](#)
To: [Vaughn Fleischbein](#)
Subject: FW: Fiberglass tank inspection and coating
Date: Thursday, September 10, 2026 11:04:16 AM
Attachments: [image001.png](#)
[image002.png](#)

No reply from DT fiberglass and no return calls.



Bryson Pearson
WTP Manager T5/D5
City of Folsom
194 Randall Drive, Folsom, CA 95630
bpearson@folsom.ca.us
c:530-363-8044 o:916-461-6191
www.folsom.ca.us

From: Bryson Pearson
Sent: Tuesday, June 16, 2026 1:47 PM
To: 'info@DTFiberglass.com' <info@DTFiberglass.com>
Subject: Fiberglass tank inspection and coating

Good afternoon, Jose

My name is Bryson Pearson from the City of Folsom. You recoated 2 of our tanks 4-5 years ago. It's coming up on the 5 year inspection time and I wanted to see if I could get a quote for the 2 tanks to be inspected. Please give me a call or email if you are able to give us a quote.



Bryson Pearson
WTP Manager T5/D5
City of Folsom
194 Randall Drive, Folsom, CA 95630
bpearson@folsom.ca.us
c:530-363-8044 o:916-461-6191
www.folsom.ca.us

From: [Bryson Pearson](#)
To: [Vaughn Fleischbein](#)
Subject: FW: Tank inspection and coating quote 194 Randall Drive, Folsom, CA 95630 Bryson Pearson
Date: Thursday, September 10, 2026 11:02:50 AM
Attachments: [image001.png](#)
[image002.png](#)

fyi



Bryson Pearson
WTP Manager T5/D5
City of Folsom
194 Randall Drive, Folsom, CA 95630
bpearson@folsom.ca.us
c:530-363-8044 o:916-461-6191
www.folsom.ca.us

From: Chris Schulz <fiberglassunlimitedinc@gmail.com>
Sent: Thursday, June 25, 2026 11:43 AM
To: Bryson Pearson <bpearson@folsom.ca.us>; stefanfiberglassunlimitedinc@gmail.com;
FiberglassUnlimitedInc@gmail.com
Subject: RE: Tank inspection and coating quote 194 Randall Drive, Folsom, CA 95630 Bryson Pearson

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Bryson,
I'm going out of town for the weekend. Can we follow up on this on Monday?
Also, can you send us the tank inspection from DT back in 2020? It may give us some additional insight.

Thank you,

Christopher Schulz
Fiberglass Unlimited Inc.
San Mateo, CA
C: +1 (650) 787-8099
E: FiberglassUnlimitedInc@gmail.com

From: Bryson Pearson <bpearson@folsom.ca.us>
Sent: Thursday, June 25, 2026 8:08 AM
To: FiberglassUnlimitedInc@gmail.com; stefanfiberglassunlimitedinc@gmail.com
Subject: RE: Tank inspection and coating quote

I agree these tanks may have lived their life and that what I was possibly looking for out of an inspection. If so would we be able to get quotes on a set of new tanks. As

builds aren't the greatest. We had these tanks inspected and recoated in 2020 by DT Fiberglass. They added chopped strand Mat 1.5 oz (2) layers, (2) layers of C-Veil and finished with a Reach resin coat, Resin Derakane 210B-400 to the pipe outlets and interior walls. One of our manways does have some seepage through a bolt hole and one tank has some outer peeling. Attached are some pics and specifications about the tanks.



Bryson Pearson
WTP Manager T5/D5
City of Folsom
194 Randall Drive, Folsom, CA 95630
bpearson@folsom.ca.us
c:530-363-8044 o:916-461-6191
www.folsom.ca.us

From: Chris Schulz <fiberglassunlimitedinc@gmail.com>
Sent: Thursday, June 25, 2026 7:28 AM
To: Bryson Pearson <bpearson@folsom.ca.us>; stefanfiberglassunlimitedinc@gmail.com;
FiberglassUnlimitedInc@gmail.com
Subject: RE: Tank inspection and coating quote

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Bryson,
Thanks for the email. Yes, we are interested. Do you have the as-built drawings for these tanks? Have they been relined before?
I see the liner system is 922 BPO, which is fine. Unfortunately, the FRP structural is an Isophalic resin with an MEKP catalyst system. This is not recommended or used for new tank designs when storing Sodium Hypochlorite chemicals. The tanks are 25 years old. Possibly, these tanks should be replaced rather than relined them, just an observation. Please call me to discuss further.

Thank you,

Christopher Schulz
Fiberglass Unlimited Inc.
San Mateo, CA
C: +1 (650) 787-8099
E: FiberglassUnlimitedInc@gmail.com

From: Bryson Pearson <bpearson@folsom.ca.us>
Sent: Monday, June 22, 2026 7:11 AM
To: fiberglassunlimitedinc@gmail.com

Subject: Tank inspection and coating quote

Good morning,

My name is Bryson Pearson I run a drinking water plant for the City of Folsom. We are looking to get a quote for inspection and possible re-coating for the inside and outside on two 8,500 gallon Fiberglass Chlorine tanks. Attached are the pictures of the tanks. Please let me know if this is something you would be able to help with.



Bryson Pearson
WTP Manager T5/D5
City of Folsom
194 Randall Drive, Folsom, CA 95630
bpearson@folsom.ca.us
c:530-363-8044 o:916-461-6191
www.folsom.ca.us

From: [Bryson Pearson](#)
To: [Vaughn Fleischbein](#)
Subject: FW: City of Folsom - Hypo Tank reline
Date: Thursday, September 10, 2026 11:09:38 AM
Attachments: [Fiberglass FRP tank specs.pdf](#)
[pic 6.jpg](#)
[pic 1.jpg](#)
[pic 2.jpg](#)
[pic 3.jpg](#)
[Tank Drawings.pdf](#)
[image001.png](#)
[image002.png](#)

Here's the 3rd company that ghosted me once I sent the pics and info.



Bryson Pearson
WTP Manager T5/D5
City of Folsom
194 Randall Drive, Folsom, CA 95630
bpearson@folsom.ca.us
c:530-363-8044 o:916-461-6191
www.folsom.ca.us

From: Bryson Pearson
Sent: Wednesday, July 22, 2026 12:44 PM
To: 'Chevan Goonetilleke' <chevan@piconfrp.com>
Subject: RE: City of Folsom - Hypo Tank reline

Hey Chevan,

I'm circling back to an email I sent last month to see about a tank inspection. Attached is information you had asked for.

We had these tanks inspected and recoated in 2019 & 2020 by DT Fiberglass. They added chopped strand Mat 1.5 oz (2) layers, (2) layers of C-Veil and finished with a Reach resin coat, Resin Derakane 210B-400 to the pipe outlets and interior walls. One of our manways does have some seepage through a bolt hole and one tank has some outer peeling. Attached are some pics and specifications about the tanks.



Bryson Pearson
WTP Manager T5/D5
City of Folsom
194 Randall Drive, Folsom, CA 95630
bpearson@folsom.ca.us
c:530-363-8044 o:916-461-6191
www.folsom.ca.us

From: Bryson Pearson
Sent: Monday, June 22, 2026 2:18 PM
To: 'Chevan Goonetilleke' <chevan@piconfrp.com>
Subject: RE: City of Folsom - Hypo Tank reline

Hey Chevan,

We had these tanks inspected and recoated in 2020 by DT Fiberglass. They added chopped strand Mat 1.5 oz (2) layers, (2) layers of C-Veil and finished with a Reach resin coat, Resin Derakane 210B-400 to the pipe outlets and interior walls. One of our manways does have some seepage through a bolt hole and one tank has some outer peeling. Attached are some pics and specifications about the tanks.



Bryson Pearson
WTP Manager T5/D5
City of Folsom
194 Randall Drive, Folsom, CA 95630
bpearson@folsom.ca.us
c:530-363-8044 o:916-461-6191
www.folsom.ca.us

From: Chevan Goonetilleke <chevan@piconfrp.com>
Sent: Monday, June 22, 2026 11:48 AM
To: Bryson Pearson <bpearson@folsom.ca.us>
Subject: City of Folsom - Hypo Tank reline

You don't often get email from chevan@piconfrp.com. [Learn why this is important](#)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Yes.

Do you have any pictures of the access area and any issues?

Although not required, do you have any Inspection Reports, any known issues, Drawings?

Here are some pictures from a Chlorine (NaOCl) FRP tank reline we did in the SF bay area...<https://www.piconfrp.com/2026/03/27/tank-linings-refurbish-project/>

Thanks,
Chevan

Chevan Goonetilleke, MS
Project Manager
NACE Certified Coating Inspector - Level 3

Fiberglass Tank & Pipe Institute, RP-2007 Inspector
Picon FRP, Inc.
Tel. 510-232-0065 ext. 1 Email Chevan@PiconFRP.com

From: noreply@piconfrp.com <noreply@piconfrp.com>
Sent: Monday, June 22, 2026 8:01 AM
To: Chevan Goonetilleke <chevan@piconfrp.com>
Subject: Piconfrp.com Contact Form From Website

Name

Bryson Pearson

Company

City of Folsom - Folsom, CA

Email

bpearson@folsom.ca.us

Phone

(530) 363-8044

Products/Services of Interest

- Tank Restoration
- Inspection

How did you hear about us

website

What information are you looking for?

My name is Bryson Pearson I run a drinking water plant for the City of Folsom. We are looking to get a quote for inspection and possible re-coating for the inside and outside on two 8,500 gallon Fiberglass Chlorine tanks. Please let me know if this is something you would be able to help with.

Memo



CITY OF
FOLSOM

Attachment No. 5

Recommendation for Replacement of FRP Sodium Hypochlorite Tanks in lieu of Repair

From: Chris Schulz <fiberglassunlimitedinc@gmail.com>

Sent: Thursday, June 25, 2026 7:28 AM

To: Bryson Pearson <bpearson@folsom.ca.us>; stefanfiberglassunlimitedinc@gmail.com;
FiberglassUnlimitedInc@gmail.com

Subject: RE: Tank inspection and coating quote

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Bryson,

Thanks for the email. Yes, we are interested. Do you have the as-built drawings for these tanks? Have they been relined before?

I see the liner system is 922 BPO, which is fine. Unfortunately, the FRP structural is an Isophalic resin with an MEKP catalyst system. This is not recommended or used for new tank designs when storing Sodium Hypochlorite chemicals. The tanks are 25 years old.

Possibly, these tanks should be replaced rather than relined them, just an observation.

Please call me to discuss further.

Thank you,

Christopher Schulz

Fiberglass Unlimited Inc.

San Mateo, CA

C: +1 (650) 787-8099

E: FiberglassUnlimitedInc@gmail.com

Memo



CITY OF
FOLSOM

Attachment No. 6

Sodium Hypochlorite Tank Quotes

Harrington Industrial Plastics
5071 Kelton Way Suite 400
Sacramento CA 95838
916-920-5392
Fax

Quotation# 010A9569
Written: DXM
Quote Date 09/24/26
Expire Date 10/08/26
Page 1 OF 4

Quotation

080650
FOLSOM, CITY OF
WATER TREATMENT PLANT
194 RANDALL DRIVE
FOLSOM, CA 95630

Ship To:
FOLSOM, CITY OF
WATER TREATMENT PLANT
194 RANDALL DRIVE
FOLSOM, CA 95630

Job:

RFQ# EMERGENCY TANK QTE

Contact: BRYSON PEARSON
Phone#: 916-355-8337
Fax: 916-355-8323

Ship Via: BEST WAY POSSIBLE
FOB / Delivery ARO: SHIPPING POINT
Frt-Terms: CHRG INBOUND & OUTBOUND

Product/Description	Quantity	Price	U/M	Extension
*4201 TANKS & ACC SNYDER 8700 GAL DOUBLE WALL TANK SYSTEM PRODUCT IS NON-RETURNABLE ITEMS MAY NOT BE CANCELLED	2	45613.68	EA	91,227.36
WRAP-7 WRAP PROTECTIVE PLAST 11500-18800 GAL (142"-165") &	2	1192.81	EA	2,385.62
34700753 2" FITTING BKHD SxT CPVC VIT GSKT	4	119.20	EA	476.80
34700891 2" FITTING DBL FLG S CPVC VIT GSKT ENCAP TITANIUM BOLTS	2	691.73	EA	1,383.46
1070000N-2V ASSEMBLY TRANS FTG OUTLET VIT FOR 2" BOLTED FTG FOR CAPTOR	2	554.91	EA	1,109.82
34700909 2" TUBE SIPHON SLIP CPVC SCH80	2	78.10	EA	156.20
34700892 3" FITTING DBL FLG S CPVC VIT GSKT ENCAP TITANIUM BOLTS	2	835.60	EA	1,671.20
1035000N97804 18" VENT ASSY MUSHROOM W/MESH SCREEN THR FIT 18" MANWAY RING	2	324.73	EA	649.46
34701562 24" MANWAY PP VENTED HINGED W/LOCK 90"-142" DIA FOR VST &	2	279.74	EA	559.48

Continued

Harrington Industrial Plastics
 5071 Kelton Way Suite 400
 Sacramento CA 95838
 916-920-5392
 Fax

Quotation# 010A9569
 Written: DXM
 Quote Date 09/24/26
 Expire Date 10/08/26
 Page 2 OF 4

Product/Description	Quantity	Price	U/M	Extension
34701515 INDICATOR ULTRASONIC LVL PVC FOR SNYDER TANKS	2	2121.00	EA	4,242.00
34700753 2" FITTING BKHD SxT CPVC VIT GSKT	2	119.20	EA	238.40
34700753 2" FITTING BKHD SxT CPVC VIT GSKT	2	119.20	EA	238.40
34700753 2" FITTING BKHD SxT CPVC VIT GSKT vent	2	119.20	EA	238.40
34702757 SENSOR LEAK DETECTION W/LIGHT &AUDIBLE ALARM OUTPUT RELAY	2	1628.33	EA	3,256.66
34700753 2" FITTING BKHD SxT CPVC VIT GSKT	2	119.20	EA	238.40
00000290 HYDROTESTER 2000-16500 GAL CAPACITY 4HR	2	312.40	EA	624.80
00000285 ASTM DOCUMENTAION (VST,VOT CCS & DCT 500GAL & ABOVE)	2	35.23	EA	70.46
*4201 TANKS & ACC SNYDER 347 -REVERSE FLOAT INDICATOR (CPVC/PP) HDLPE TANKS ONLY PRODUCT IS NON-RETURNABLE ITEMS MAY NOT BE CANCELLED	2	2147.09	EA	4,294.18
*4201 TANKS & ACC SNYDER FRP 339 LADDER W/PLATFORM PRODUCT IS NON-RETURNABLE ITEMS MAY NOT BE CANCELLED	2	5037.79	EA	10,075.58
34700397 ATTACHMENT ASSY FOR FIBERGLASS LADDERS	2	516.16	EA	1,032.32
34701682 SEISMIC RESTRAINT TIE DOWN FOR 8700 GAL CAPTOR TANK SNYDER SS RESTRAINTS	2	3909.30	EA	7,818.60

Continued

Harrington Industrial Plastics
 5071 Kelton Way Suite 400
 Sacramento CA 95838
 916-920-5392
 Fax

Quotation# 010A9569
 Written: DXM
 Quote Date 09/24/26
 Expire Date 10/08/26
 Page 3 OF 4

Product/Description	Quantity	Price	U/M	Extension
99800016 ORIGINAL WET STAMP CALCULATIONS STD NON-SITE	2	773.94	EA	1,547.88
365 8"x5" NAMEPLATE 304SS 5 LINES	2	280.10	EA	560.20
34702568 12"x8" MOUNTING BLOCK HD/NAT NAMEPLATE	2	257.78	EA	515.56
365-12X8 12"x8" NAMEPLATE 304SS (8 LINES)	2	280.10	EA	560.20
3472569 8"x5" MOUNTING BLOCK HD/NAT NAMEPLATE	2	257.78	EA	515.56
5390100N95401 2" FLEXIBLE CONNECTOR FLG HDPE FLEXMASTER	6	802.33	EA	4,813.98
5390100N95401 2" FLEXIBLE CONNECTOR FLG HDPE FLEXMASTER OPAQUE WHITE FOR SUCTION ONLY	2	1045.45	EA	2,090.90
5390000N95401 3" FLEXIBLE CONNECTOR FLG HDPE FLEXMASTER	2	928.66	EA	1,857.32
*8099 ACCESSORIES MISC 1035000N97803 MUSHROOM VENT 18" VENT ASSY MUSHROOM W/MESH SCREEN NO FITTING REQUIRED PRODUCT IS NON-RETURNABLE ITEMS MAY NOT BE CANCELLED	2	288.37	EA	576.74
*8099 ACCESSORIES MISC FALL PROTECTION PRODUCT IS NON-RETURNABLE ITEMS MAY NOT BE CANCELLED	2	1050.00	EA	2,100.00
34701742 2" ASSEMBLY PIPE CPVC EXT FILL FOR 8700 GAL CAPTOR TANK	2	1537.03	EA	3,074.06
34701666 2" ASSEMBLY VALVE ELB CPVC PP FOR EXT FILL PIPE	2	255.07	EA	510.14

Harrington's standard Terms and conditions apply. Please visit
<https://www.hipco.com/terms-and-conditions-sale> for the full

Continued

Harrington Industrial Plastics
5071 Kelton Way Suite 400
Sacramento CA 95838
916-920-5392
Fax

Quotation# 010A9569
Written: DXM
Quote Date 09/24/26
Expire Date 10/08/26
Page 4 OF 4

Product/Description	Quantity	Price	U/M	Extension
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Terms and Conditions

Due to recent volatility in U.S. government tariff regulations
--whether enacted or under review--all quotes remain provisional
and are subject to price adjustments or surcharges. Pricing
provided is valid for 24 hours from the time of the quotation
and may be adjusted up until receipt of a confirmed Purchase Order
and approval to proceed with production.

Merchandise	Tax	Est.Freight / Handling	Net	Quote Total
150,710.14	11,680.00	0.00		162,390.14

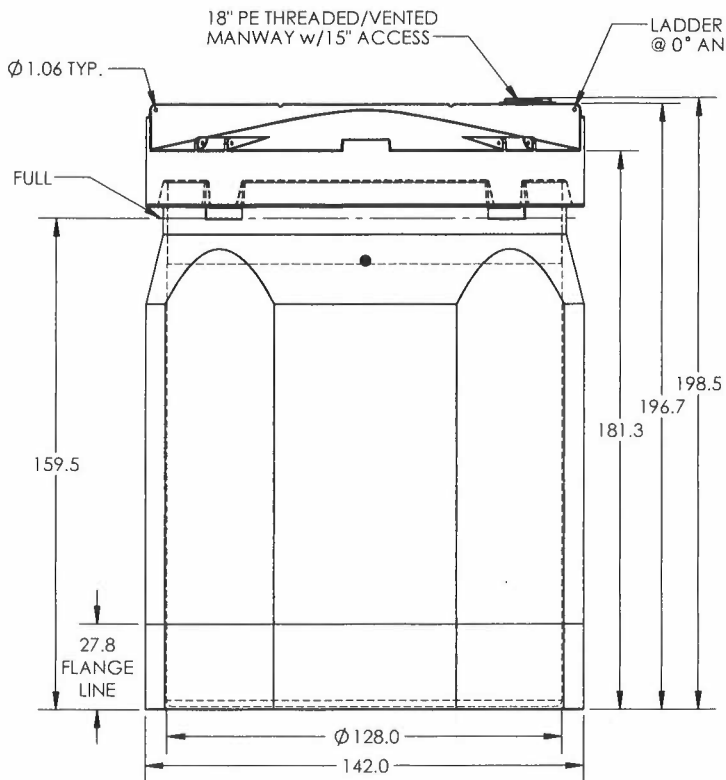
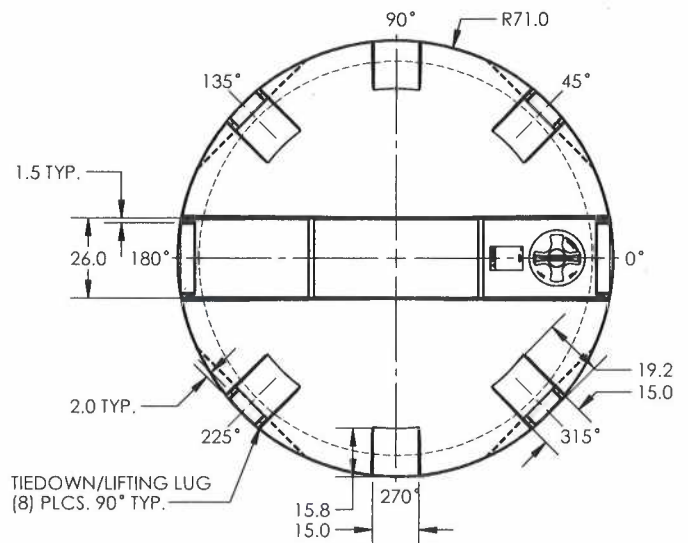
Thanks For Thinking Harrington.

Respectfully Diana Marshall

All Quotations are subject to review upon placement of order.

Freight/Handling and applicable taxes if not listed above will be added.

Harrington standard terms and conditions apply to this quote.



*ALL EXTERNAL PIPING MUST BE INDEPENDENTLY SUPPORTED.
 *ONLY BASE FITTINGS TO BE LEFT INSTALLED AT TIME OF SHIPMENT PER SHI PROCEDURE.
 *TANKS ORDERED WITH FOAM INSULATION WILL HAVE AN INCREASED DIAMETER OF 4-6 INCHES.
 *Consult Snyder's Guidelines for Use and Installation prior to delivery.
 Available on-line at <http://www.snyderindustriestanks.com/technical>
 ALL DIMENSIONS ARE IN INCHES, NOMINAL, & SUBJECT TO CHANGE WITHOUT NOTICE.
 ALL DIMENSIONS ON ROTATIONAL MOLDED PARTS ARE SUBJECT TO A $\pm$ 3% TOLERANCE.

DO NOT SCALE	DRAWN BY	ESTI SNYDER INDUSTRIES	TITLE	REVISION
STATUS: Released	EF3		ASM TK 8700CP X 128	B
© SNYDER INDUSTRIES, LLC, 2019				SHEET 1 OF 1
ALL DIMENSIONS, DESIGNS AND INFORMATION ON THIS PRINT MUST BE CONSIDERED PROPRIETARY TO SNYDER INDUSTRIES, LLC AND MAY NOT BE USED, COPIED, OR DISTRIBUTED WITHOUT WRITTEN PERMISSION OF AN OFFICER (OR HIS AGENT) OF THE FIRM.		(402) 467-5221 www.snyderinc.com	PART NO. 1006400N & 1006500N	ENG. ID. A003592

Vaughn Fleischbein

From: Diana Marshall <dxmarshall@hipco.com>
Sent: Friday, September 25, 2026 7:12 AM
To: Vaughn Fleischbein; Bryson Pearson
Subject: Re: Emergency tank quote

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Vaughn,

Usually takes about 2 weeks for the drawings to be complete. We will need you and the team to mark up the drawing I provided with quote with the locations of where you would like the fittings placed, I suggest to submit that with the purchase order that way Snyder will be able to produce the cad drawing back within a week for final approval from you and they can start the production of the tanks.

Yes, the \$15072, is for both tanks and appurtenances for a dedicated delivery.

Diana Marshall

Insides Sales

5071 Kelton Way Suite 400

Sacramento, Ca 95838

P: 916-920-5392 | dxmarshall@hipco.com

EXT: 11013

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Process Solutions since 1959

HARRINGTON
Process Solutions since 1959

PumpMan



CORTROL
Control Systems



J²RESOURCES
Distribution Redefined



From: Vaughn Fleischbein <vfleischbein@folsom.ca.us>
Sent: Friday, September 25, 2026 6:57 AM
To: Diana Marshall <dxmarshall@hipco.com>; Bryson Pearson <bpearson@folsom.ca.us>
Subject: RE: Emergency tank quote

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and they confirm the content is safe.

WARNING: The sender of this email could not be validated and may not match the person in the "From" field.

Hi Diana,

Thank you for the freight and lead time of tanks below. Do you know how long final drawing approval typically takes as well?

Also, as I read the estimated freight charge below I have a few follow up questions.

Does 1 load for \$10,092 include both tanks (2) and is the "other load for ladders" include both ladders for \$4,980 so that the total estimated freight charge for delivery of the 2 tanks and all appurtenances is \$15,072?

Thank You,

Vaughn Fleischbein, PE

Utilities Department
50 Natoma St, Folsom, CA 95630
Phone: 916.461.6165



From: Diana Marshall <dxmarshall@hipco.com>

Sent: Friday, September 25, 2026 6:50 AM

To: Bryson Pearson <bpearson@folsom.ca.us>; Vaughn Fleischbein <vfleischbein@folsom.ca.us>

Subject: Re: Emergency tank quote

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning, Bryson,

The lead time to fabricate and ship tank is 5-7 weeks after the final drawing approval.

Freight is as follows from Snyder:

1 load at \$10,092 + a load for ladders at \$4980 dedicated

- All freight quoted in US dollars unless otherwise noted. All quoted freight is an estimate only. Actual freight may be different depending on fuel surcharge on the date of shipment.
- Quote is for items specified in request. Additional items, such as insulation, ladders, tie downs, hoops & large fittings may add to freight costs.

- Quote is valid for 30 days only and for the carrier specified and for the city, state & zip code provided.
- A copy of the freight quote must be submitted with purchase order (PO #) at time of order.
- Please note if this will be a residential, military, construction site or limited access delivery location as additional charges may apply.
- If advance arrival notice or delivery appointment scheduling is required additional charges may apply.
- Snyder Industries will do our best to notify of any late shipments that are a result of a manufacturing delay, however, Snyder Industries will not be responsible for any incidental fees (late penalties, crane fees, etc.) for late shipment arrivals.
- Click here for information regarding shipments from USA to Canada. [shipments from USA to Canada.](#)

Diana Marshall

Insides Sales

5071 Kelton Way Suite 400

Sacramento, Ca 95838

P: 916-920-5392 | dxmarshall@hipco.com

EXT: 11013

HARRINGTON

Process Solutions since 1959

HARRINGTON
Process Solutions since 1959

PumpMan

ATN

CORTROL

CRIST

J2RESOURCES
Distribution Redefined

|||

From: Bryson Pearson <bpearson@folsom.ca.us>

Sent: Thursday, September 24, 2026 6:42 PM

To: Diana Marshall <dxmarshall@hipco.com>; Vaughn Fleischbein <vfleischbein@folsom.ca.us>

Subject: Re: Emergency tank quote

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and they confirm the content is safe.

WARNING: The sender of this email could not be validated and may not match the person in the "From" field.

Sorry one more thing Diana, the quote also needs to have the lead time on tank delivery. If we can get both lead time and freight first thing in the morning would be very helpful.

Items needed:

1. Tank lead times
2. freight charge

Bryson Pearson
WTP ManagerT5/D5



September 23, 2026

To: Bryson Pearson | City of Folsom

Subject: **Goble Sampson Quote #AMQ-000075**

We are pleased to offer the following quotation of Poly Processing Chemical Tank storage for your review:

TANK SYSTEM: 8700 SAFEs for Hypochlorite

For storing: Sodium Hypochlorite, 9 - 15%, SPG 1.2

Complete Tank System NSF Certification for Sodium Hypochlorite Storage

Diameter: 11'-0" | Height: 14'-6" | Dome Manway Size: 24"

[PDF Drawing](#) / [CAD \(dwg file\)](#) / [3D-CAD \(stp file\)](#) | [PDF Gallon per Inch chart](#) |

Primary Tank (Quantity: 2)

8700 SAFE-Tank ♦ Inside Primary Tank

1.90 specific gravity wall thickness

Crosslinked Polyethylene (XLPE) ♦ ,Black

Tank wall includes Oxidation Resistance additives(OR1000) ♦

Containment Tank (Quantity: 2)

8700 SAFE-Tank ♦ Nested Containment Outside Tank

1.90 specific gravity wall thickness

Crosslinked Polyethylene (XLPE) ♦ ,Black

Lid/Manway (Quantity: 2)

24in lid & 8in vent Combination (FS2650 Lid ®) ♦ ,Black (polyethylene) with vent screen

Fill (Quantity: 2)

Universal Ball Dome Fitting 2" Bulkhead fitting Style CPVC/Viton nsf

Flange Adapter

Inner Tank Fitting for Outlet(Quantity: 2)

BOSS_fitting (Bolted One-piece Sure Seal) ♦ 2" Assembly (polyethylene)/cPVC/Titanium/viton nsf

Outlet Assembly (Quantity: 2)

Bellows Transition Fitting with Containment and Flex ♦

Outlet Endplate: 2" Bellows Style II CPVC/Viton nsf/C-276 with Expansion Joint

Level Sensor Fitting (Quantity: 2)

Universal Ball Dome Fitting 2" Bulkhead fitting Style CPVC/Viton nsf

Flange Adapter 2" Threaded CPVC

Outer Tank Drain (Quantity: 2)

Bolted Flange Fitting 2" Threaded CPVC/Titanium/viton nsf

Corporate Office:

3780 S West Temple STE #101, Salt Lake City, UT 84115

801.268.8790 | <https://www.goblesampson.com>

Secondary Vent (Quantity: 2)
2" Mushroom Vent

Overflow Fitting (Quantity: 2)
Bulkhead fitting Assembly 3" Socket x thread Hayward CPVC/viton nsf

Transfer Pump Return (Quantity: 2)
Universal Ball Dome Fitting 2" Bulkhead fitting Style CPVC/Viton nsf
Flange Adapter 2" Threaded CPVC

Level Measurement (Quantity: 2)
Reverse Float Level Gauge ♦ PVC (with no internal piping)
(Quantity: 2)

Ladder (Quantity: 2)
Ladder 12' Standard with Pltfrm (Fiberglass) with 3 ft 6in Walk Thru
*Note: Lad-Saf Fall Arrest device is by others

Leak Detection (Quantity: 2)
PPC Leak Detection Kit/Sensor (PolyPropylene)

Nameplate (Quantity: 2)
SS NAMEPLATE 4 X 6

Restraint System (Quantity: 2)
A6-10 Base Clips 316 Stainless Steel Outdoor System with Cables
P.E. Stamped Anchorage Design Calcs

WARRANTY: 3 Years, Full Replacement, Non-Prorated

System Subtotal:	\$182,030.00	+ \$3,500 (Level sensor) = \$185,530
Freight/Shipping Estimate:	\$31,785.00	
Total:	\$213,815.00	+

Additional Options:

Level Sensor
Poly Levelpro Pro Scan 3 series Radar Level Transmitter 1.5" Qty(2):

\$3,500.00

Freight quoted is an estimate at time of quote. Actual freight charged will be passed through from carrier at time of shipment.

-
- Pricing does not include sales tax
 - Payment terms: Net 30 days from invoice date upon credit approval
 - Freight: Full Freight Allowed
 - Lead time: 1-2 weeks for approval drawing; Delivery: Approximately 6 - 8 weeks from drawing approval
 - Issue PO to: Goble Sampson & Assoc. 3780 S West Temple STE #101, Salt Lake City, UT 84115

Please let us know if you have any questions.

Corporate Office:
3780 S West Temple STE #101, Salt Lake City, UT 84115
801.268.8790 | <https://www.goblesampson.com>

Thank you,
Sean Coholan

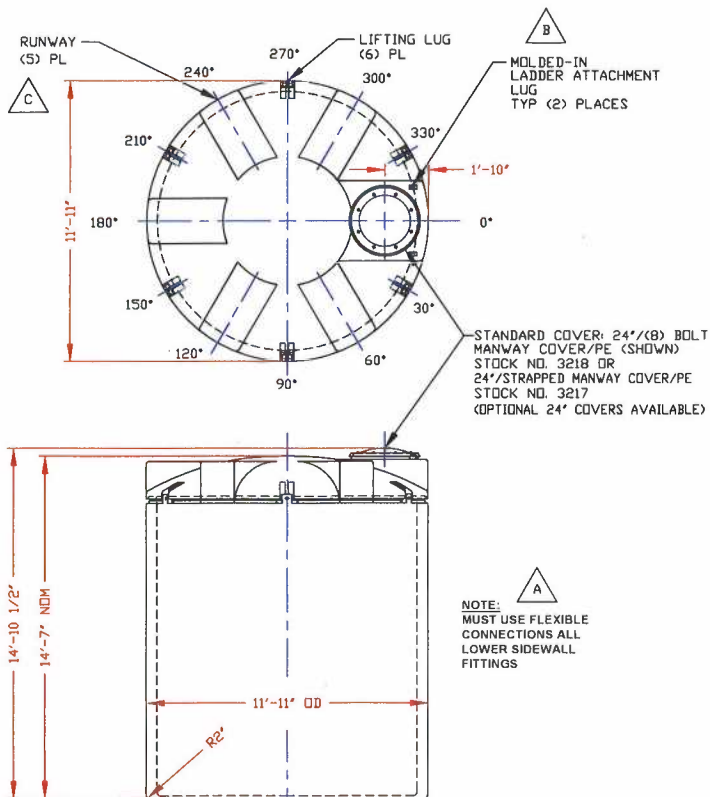
Prices are firm if Proposal accepted within 30-days from proposal date. Invoices are payable within 30-days from Invoice date. Retentions of any (%) on invoices, back charges, or liquidated damages, will not be accepted unless pre-approved in writing by an officer of Goble Sampson Associates, Inc. The attached Terms and Conditions have become a part of this offer to sell.

ACCEPTANCE:

Purchaser: _____

Date: _____

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 2. DIMENSIONS WILL VARY $\pm 3\%$ DUE TO VARIATIONS IN MULTIPLE MOLDS & CONDITIONS PREVALENT DURING MANUFACTURE & USAGE.
 3. OVERALL HEIGHT DIMENSION WILL VARY WITH THE PENETRATION OF THE INSIDE TANK INTO THE OUTSIDE TANK.
 4. FOR INNER TANK DTLS SEE COMPUTER FILE NO. 2008700, TITLE '8700 GALLON INNER SAFE-TANK' FOR OUTER TANK DTLS SEE COMPUTER FILE NO. 2110150, TITLE '8700 GALLON OUTER SAFE-TANK/10150 GALLON OPEN TOP TANK.'

NOTE:
 MUST USE FLEXIBLE CONNECTIONS ALL LOWER SIDEWALL FITTINGS

NOZZLE SCHEDULE & ACCESSORIES						
SERVICE	MK	STOCK NO.	SIZE	FITTING	DEG	ELEV

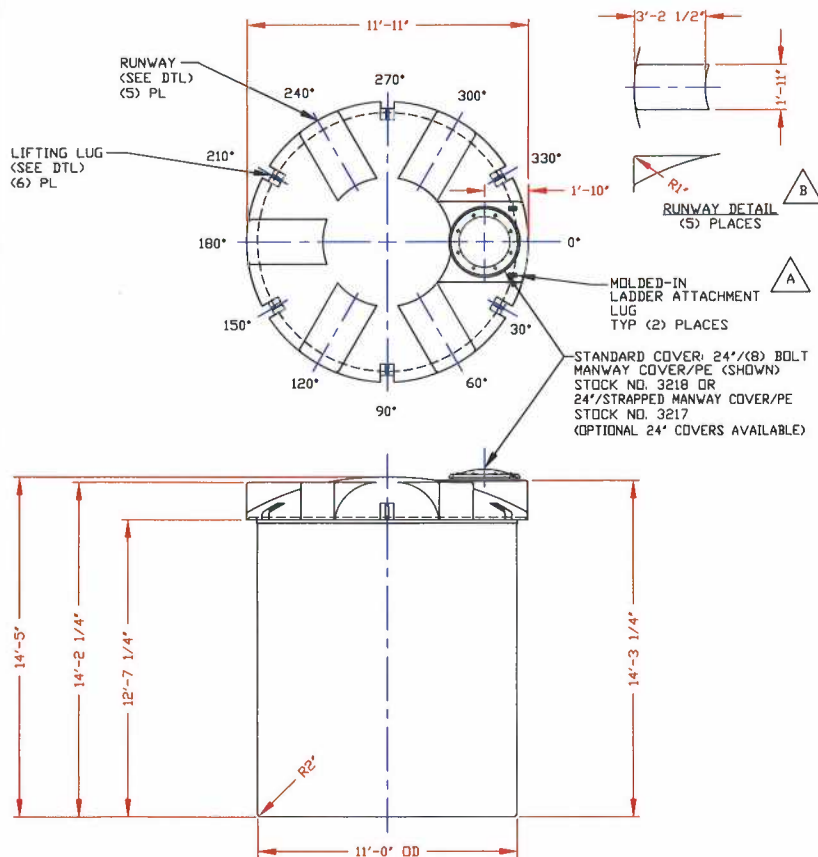
CALCULATED CAPACITIES/ VOLUME IN U.S. GALLONS			
TANK	DESIGN CAP	DDME VOL	TOTAL VOL
INNER	8727	675	9402
OUTER	10174	N/A	10174

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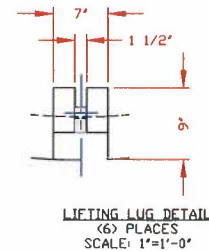
REV 'D' ADDED RUNWAYS TO ELEV VIEW BY:JB 3/30/10 CK:SN
 REV 'C' ADDED (3) RUNWAYS BY:JB 8/18/09 CK:WM
 REV 'B' ADDED LADDER ATTACHMENT LUGS BY:JB 9/22/04 CK:WM
 REV 'A' ADDED FITTING NOTE BY:MBW 4/16/03 CK:JB

DWG TITLE 8700 GALLON SAFE-TANK ASSEMBLY			
SCALE: 1/4"=1'-0"	 Central Region P.O. Box 488 (C-200) 800 W. 17th Avenue 84 COVINGTON, LA 70044 TEL: 504-833-6700 FAX: 504-833-6700	DR: B. HARPER	REV
DATE: 09/13/19		CK:	
SHEET 1 OF 1		COMPUTER FILE SAFE-A-08700	REV D

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[illegible]

NOTE: MOLDED IN 3/8" HIGH LETTERING ABOVE LIFTING LUGS TO READ:
"LIFT EMPTY ONLY
USE ALL LIFTING LUGS"



NOTES

- NOTES
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 2. DIMENSIONS WILL VARY ±3% DUE TO VARIATIONS IN MULTIPLE MOLDS & CONDITIONS PREVALENT DURING MANUFACTURE & USAGE.
 3. FOR OUTER TANK DTLS SEE COMPUTER FILE NO. 2110150, TITLE "8700 GALLON OUTER SAFE-TANK/10150 GALLON OPEN TOP TANK." FOR ASSEMBLY DTLS SEE COMPUTER FILE NO. 2008700A, TITLE "8700 GALLON SAFE-TANK ASSEMBLY."

CALCULATED CAPACITIES/ VOLUME IN U.S. GALLONS		
DESIGN CAP	DOME VOL	TOTAL VO
8727	675	9402

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DWG TITLE

8700 GALLON INNER SAFE-TANK

SCALE: 1/4"=1'-0"

DATE: 09/12/19

	0.000000
	0.000000

POLYPROCESSING
SOLUTIONS, SIMPLIFIED.

Central Region
P.O. Box 4288 Orléans
8001 Old Worthington Rd.
Riverside, LA 70575
CDD 343-7568
FAX CDD 343-8795

DR: B. HARPER

CK₀

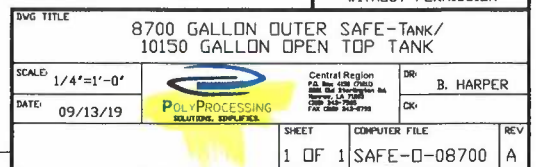
SHEET	COMPUTER FILE
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1	OF	1	SAFE-I-08700
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REV

REV 'C' ADDED RUNWAYS TO ELEV VIEW BY:JB 3/30/10 CK:SN
REV 'B' ADDED (3) RUNWAYS BY:JB 8/18/09 CK:WM
REV 'A' ADDED LADDER ATTACHMENT LUGS BY:JB 9/22/04 CK:WM

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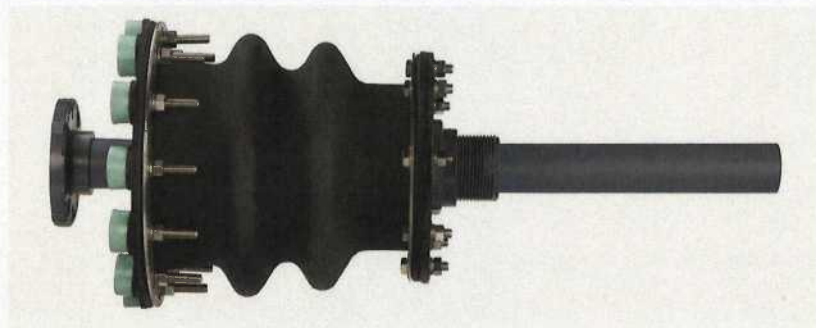


Enhanced Bellows Transition Fitting



BELLOWS TRANSITION FITTING

Flexible Expansion
Joint Maximizes
Tank Performance
& Longevity



The Bellows Transition Fitting adds value to your tank installation:

1. A flexible expansion joint maximizes tank performance and longevity by allowing the tank to expand freely during loading and unloading. This also eliminates damage from piping vibrations caused by pumps.
2. Containment of the expansion joint eliminates the threat of uncontained chemical leaks and the threat of dangerous 'spurts' from the expansion joint.
3. Connecting a dual-wall piping system directly onto the fitting fully contains piping layouts; this provides a safe workplace for employees and protects the environment.



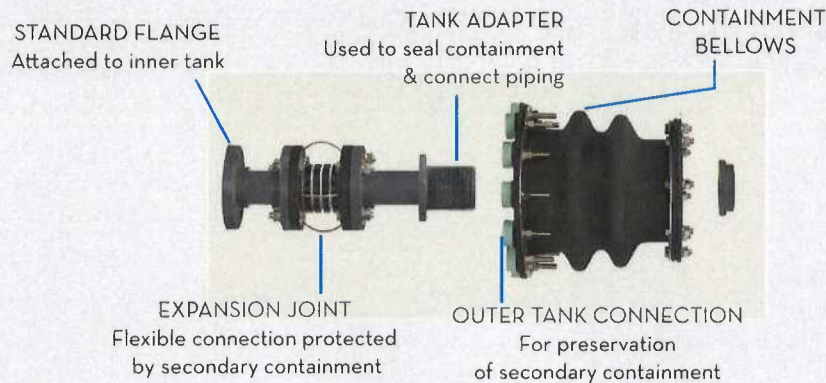
California
8055 S. Ash St.
French Camp, CA 95231

Louisiana
P.O. Box 4150
2201 Old Sterlington Rd.
Monroe, LA 71203
Tel: 866.765.9957
www.polyprocessing.com

Virginia
161 McGhee Rd.
Winchester, VA 22603

ABOUT THE DESIGN

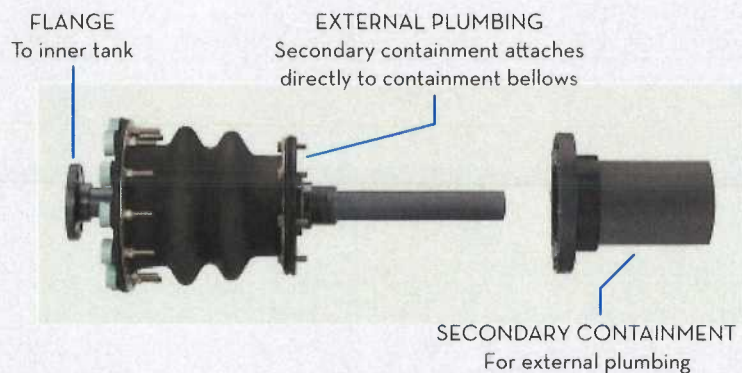
- Bottom discharge capability in a system that supports 110% secondary containment requirements.
- Expansion joint allows the tank to expand freely.
- No threaded connections.
- Easy-to-install fitting.
- Pressure tested internal components come to you pre-assembled.
- Bellows Containment made of polyethylene.
- Internal transition fitting made of PVC or CPVC.
- Three alloy options: 316 Stainless Steel, Titanium and C-276.
- Installed onto the internal tank wall as with any standard flange fitting connection.



All PVC/CPVC fitting connections within bellows transition fitting are socket glued unless otherwise specified.

Extended Configuration for Extra Safety

By replacing the shorter faceplate bolts in the Bellows Transition Fitting with extend bolts, this extended configuration allows for the connection of a secondary piping system over the primary pipe using a standard 6" ANSI flange.



Product Data Sheet

PolyCL™ Rotomolding Crosslinkable Polyethylene

Description:

PolyCL™ rotomolding, crosslinkable polyethylene is designed to create a robust finished product suitable for harsh chemical applications, including strong oxidizers. The customer can expect structural integrity, with superior stress cracking resistance and with thermal resistance and UV stabilization.

For specific field applications, the processing characteristics of **PolyCL™** encourage the bonding of resin to create a robust oxidation-resistant chemical storage system.

PolyCL™ is available in natural, black, and white colors. White colored resin carries an additional cost.

NSF/ANSI/CAN 61 Certified

Properties:

<u>Property</u>	<u>Test Method</u>	<u>Unit</u>	<u>Value</u>
ESCR Condition A, F50	ASTM D1693		
100% Igepal		hr	F ₀ > 2,000
10% Igepal		hr	F ₀ > 2,000
Density	ASTM D1505	g/cc	0.943-0.946
Tensile Strength at Yield 2.0"/min	ASTM D638	psi	3290
Elongation at Break 2.0"/min	ASTM D638	%	640
Flexural Modulus	ASTM D790	psi	88,700
Impact Strength, -40°C	ARM	ft-lbs	71
Deflection Temperature @ 66 psi	ASTM D648	°F	157

Note: All values measured on rotationally molded samples except ESCR, which was measured on compression molded samples.

Data presented is based upon tests performed on representative samples. Users must make independent assessment of product performance under their given field requirements and conditions. Poly Processing Company does not give permission for product use to cause patent infringement.



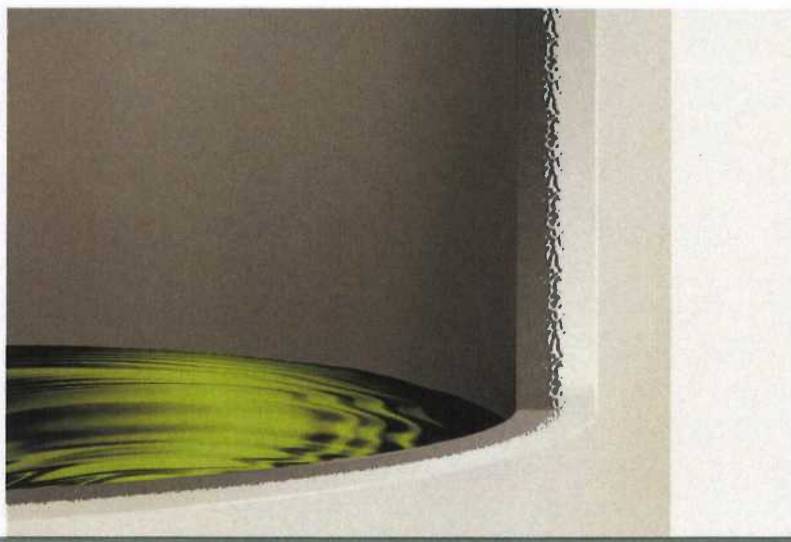
Certified to
NSF/ANSI/CAN 61

OR-1000™ Engineered Resin System

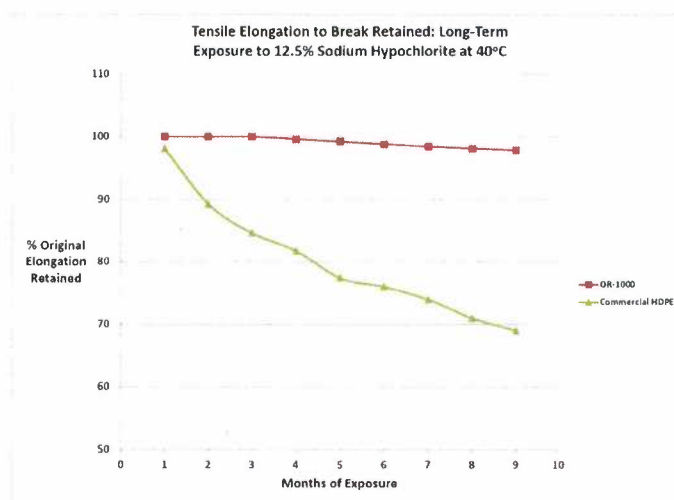


OR-1000™ SYSTEM

An engineered resin system for increased tank life in oxidizing environments



Poly Processing's exclusive OR-1000™ system was specifically designed to address the aggressive oxidation effects of sodium hypochlorite, sulfuric acid and hydrochloric acid and maximize the useful life of storage tanks in oxidizing environments. The OR-1000 system consists of engineered resins for oxidizing applications. This system increases the life of a crosslinked polyethylene tank giving the end user a cost effective solution. OR-1000's engineered resin system is made of polyethylene, specifically formulated to resist oxidation. Its outer surface is made of XLPE for superior strength. The 2 surfaces are molecularly bound together during the roto-molding process creating a truly seamless bond between the XLPE and OR-1000 system.



The advantages of OR-1000™:

- The result gives you 4 times the antioxidant strength of any polyethylene on the market today!
- All wetted surfaces are covered by the OR-1000™ system, extending tank life in oxidizing chemical storage environments.
- OR-1000™ can be used on any of our tanks, including our SAFE-Tanks® and IMFO® tank systems.

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8055 S. Ash St.
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Virginia
161 McGhee Rd.
Winchester, VA 22603

XLPE TANK SYSTEMS

High Density Cross-linked Polyethylene

Not all high-density polyethylene tanks are created equal. Although they sound nearly identical, linear polyethylene and cross-linked polyethylene (XLPE) chemical storage tanks have significant differences. Those differences could impact your organization's bottom line, your people's safety, and the operations of your facility.

High-density crosslinked polyethylene, or XLPE, is a thermoset resin that is specifically designed for critical applications like chemical storage. During the XLPE manufacturing process, a catalyst (peroxide) is built into the resin, which creates a free radical. The free radical generates the crosslinking of the polymer chain, so the tank essentially becomes one giant molecule. The result is a resin that is specifically designed for critical chemical applications.



XLPE versus Linear Polyethylene:

- XLPE has 20 times the environmental stress crack resistance of HDPE.
- It has 10 times the molecular weight of HDPE.
- It has 3-5 times the impact and tensile strength of HDPE.

XLPE versus Fiberglass-Reinforced Plastic (FRP):

- XLPE offers seamless construction for greater strength.
- With FRP, chemicals can wick into the fiber, compromising tank life.
- XLPE can have a lower cost of ownership, due to the low amount of required maintenance compared to FRP.
- FRP often requires special handling to avoid cracking.

XLPE versus Carbon and Stainless Steel:

- XLPE has seamless one-piece construction, which eliminates the potential for chemical attack points and bad welds.
- Unlike carbon and stainless steel, XLPE has very broad chemical resistance capabilities without the need for high-cost coatings.
- XLPE does not require ongoing maintenance and inspection.
- XLPE is a cost-effective solution to high-priced alloys.



EchoBeam® LR80

80 GHz Radar Liquid and Solids Level Transmitter



Performance

Offered in four models, EchoBeam® is the most reliable and easy-to-use non-contact level sensor. Flowline's 80 GHz radar technology is unaffected by most media, process or environmental factors, and our intuitive LevelTap™ App makes configuration simple.

	LR80	LR81	LR83	LR85
Range:	Liquid: 32.8' (10m) Solids: 16.4' (5m)	Liquid: 98.4' (30m) Solids: 49.2' (15m)	Liquid: 98.4' (30m) Solids: 49.2' (15m)	Liquid: 393.7' (120m) Solids: 196.8' (60m)
Accuracy:	±5mm	±2mm	±2mm	±2mm
Output:	4-20 mA	4-20 mA w/HART, Modbus or SDI-12	4-20 mA w/HART or Modbus	4-20 mA w/HART or Modbus
Class.:	GP	GP	GP	GP
Max Temp.:	60° C.	80° C.	100° C.	120° C.
Termination:	Cable	Cable	Conduit	Conduit
Application:	Basic	Challenging	Challenging	Extreme

Application

The LR80 general purpose 80 GHz radar sensor provides continuous level measurement up to 32.8' (10m) for liquids or 16.4' (5m) for solids with a 4-20 mA signal output. The sensor is wirelessly configured over Bluetooth via our LevelTap™ App which enables you to see the level, verify the status, and manage the settings of connected sensors from the safety of the ground or nearby catwalk. The sensor measures liquid and solids media with a dielectric constant value ≥ 1.6 , such as water, chemical or petroleum-based liquids, and pellet, grain, powder or aggregate solids. Select this sensor for tank, sump, lift station, weir, canal, reservoir, bin, conveyor or transfer station applications.

Features

- 80 GHz technology provides reliable, maintenance-free operation
- Measures level height, air gap, tank volume or open channel flow
- Rugged PVDF antenna and enclosure for corrosive liquid or solids
- IP68 rated sensor for harsh outdoor or below grade installations
- Sealed 10m PVC jacketed cable for corrosive level environments
- Zero dead band maximizes the potential fill capacity of small tanks
- Optionally measures through top wall of plastic or fiberglass tanks
- Bluetooth wireless configuration via the LevelTap™ mobile App
- Lowest cost radar sensor for your basic level requirements

Configuration

Download the free LevelTap™ App at the Apple Store, Google Play or Baidu Store, register and go to Demo Sensors. There you can view level status and step-by-step or advanced configuration examples prior to sensor purchase.



LM50-3S21 SS bracket

Offered with 32.8' (10m) PVC cable and a variety of fitting accessories.

Natural contaminant free PVDF antenna.



Versatile compact sensor with zero dead band is ideal for small or large tanks and sumps.



EchoBeam® LR80

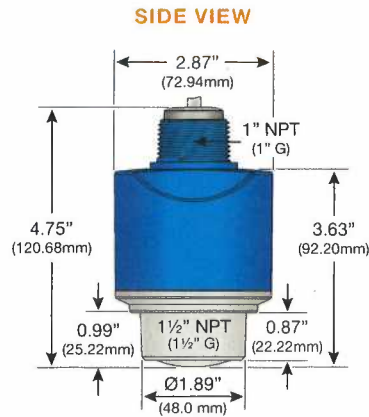
80 GHz Radar Liquid and Solids Level Transmitter



Specifications

Maximum range:	Liquid: 32.8' (10m) with media dielectric ≥ 1.6 and no agitation Solids: 16.4' (5m) with media dielectric ≥ 6 and no dust
Frequency:	80 GHz., W-band, FMCW
Accuracy:	0.4m to 10m: ± 5 mm 0.00m to 0.39m: ± 10 mm 0" (0mm)
Dead band:	8"
Beam angle:	$\geq 1.6^\circ$
Min. dielectric:	≥ 1.6
Bluetooth version:	Bluetooth 5.0
Bluetooth range:	26.2' (8m)
Configuration:	LevelTap™ App (IOS & Android)
Memory:	Non-volatile
Signal output:	4-20 mA, two-wire
Max. signal dist.:	1,000' (304m)
Signal fail-safe:	Selectable high, low or hold last value
Supply voltage:	12-30 VDC
Max. consumption:	22.5 mA
Process temp.:	F: -40° to 140° C: -40° to 60°
Temp. comp.:	Automatic
Storage temp.:	F: -40° to 176° C: -40° to 80°
Pressure:	-14.5 to 43.5 psi (-1 to 3 bar)
Enclosure rating:	Type 6P (IP68)
Encl. material:	PVDF (pigmented polyvinylidene fluoride)
Antenna material:	PVDF (natural polyvinylidene fluoride)
Cable jacket mat.:	PVC (polyvinyl chloride)
Cable seal mat.:	Viton GLT (fluoroelastomer)
Cable orientation:	Vertical
Shielded cable:	2-conductor
Cable length:	32.8' (10m)
Conduit connect.:	___ 0 ___ 1" NPT ___ 1 ___ 1" G ___ 0 ___ 1 1/2" NPT ___ 1 ___ 1 1/2" G
Process mount:	___ 0 ___ N/a ___ 1 ___ Viton GLT (fluoroelastomer)
Mount gasket:	
Classification:	General purpose (cCSAus)
Approvals:	C22.2 No. 61010-1-12
Compliance:	FCC: Part 15.256, 15.209, 15C ISED IC: RSS-102, RSS-211, RSS-247 UKCA RER 2017: 6(1)(a), 6(1)(b), 6(2) CE/RED 2014/53/EU: EN 302 372, EN 302 729, EN 301 489-1, -33, EN 300 328 SRRC: (No. [2002] 353) RoHS, REACH, CRN, conflict minerals

Dimensions



FITTINGS

LM53-4855 PVC adhesive fitting



ADAPTERS

LM53-2440 PTFE capped adapter



BRACKETS



LM53-1S80 SS tri-clamp adapter



LM50-3S22 SS bracket

Installation

Flowline offers a variety of installation solutions including adhesive fittings for non-invasive measurement through flat mount plastic or fiberglass tank tops; capped PTFE fitting adapters for extremely corrosive media; and adjustable 316 brackets for side wall or above tank mounting.

Ordering

LR80-00 0

PROCESS MOUNT (1) (2)

- 0 1 1/2" NPT
- 1 1 1/2" G with Viton Gasket



LM50-3S21



LM50-3S31



LM50-3S22



LM50-3S32

NOTES

- To mount the sensor to the tank side wall or above an open sump or bin, order the appropriate 316 stainless steel bracket:
Short bracket with 1" NPT lock nut = LM50-3S21
Short bracket with 1" G lock nut = LM50-4S21
Short bracket with 1 1/2" NPT lock nut = LM50-3S31
Short bracket with 1 1/2" G lock nut = LM50-4S31
Long bracket with 1" NPT lock nut = LM50-3S22
Long bracket with 1" G lock nut = LM50-4S22
Long bracket with 1 1/2" NPT lock nut = LM50-3S32
Long bracket with 1 1/2" G lock nut = LM50-4S32
- If PVDF is not compatible with your application media or you need a different process mount, go to www.flowline.com/level-fittings-enclosures and view our installation accessories.



TERMS AND CONDITIONS

The following Terms and Conditions are an integral part of Goble Sampson Associates, Inc., attached offer to sell equipment or services stated in this Proposal for use specifically on this project.

- A. **SHIPMENT:** Estimated shipment is per Manufacturer's estimate. Goble Sampson Associates, Inc. is not responsible for delays in shipment or delivery of any kind beyond our control.
- B. **TERMS:** The prices quoted by Goble Sampson Associates, Inc. are subject to the following payment terms:
1. Net amount is due in thirty (30) days after date of each invoice on all orders. Purchaser's payment of invoices shall not be contingent or dependent upon prior receipt of any payment to Purchaser from third parties.
 2. Any invoice unpaid after 30 days from invoice date will be subject to interest charges of 1.5% per month, compounded.
 3. No Retainer is Allowed per the Terms and Conditions of this offer to sell.
 4. Lien laws and Bonding Company requirements are such that Goble Sampson Associates, Inc. must file claim with City, Bonding Company and Engineer within 60 days from date of invoice on unpaid accounts in order to protect reserve of amounts to cover supplier's unpaid invoice. This is in no way reflective of Contractor's ability to pay only a required action dictated by State Lien Laws and Bonding Companies. Therefore, Goble Sampson claim forms will be filed with the City, Bonding Company and Engineer 10 days before any account receivable becomes 60 days old.
 5. Equipment cannot be returned and an order, once accepted and approved, cannot be canceled, without prior written consent. In case of cancellation, Buyer agrees to reimburse Goble Sampson Associates, Inc. for all costs incurred plus a mark-up of 20% for overhead expenses.
- C. **TAXES:** We do not include in this Quotation any Federal, State or Municipal Sales, Use or Gross Income Tax which may be chargeable against the equipment offered. Any such tax which the Seller shall be liable for the payment or collection of shall be paid by the Buyer, although not specifically set out as an item in this Proposal.
- D. **PENALTIES:** There are no penalties or liquidated damages assessed except as may be specifically provided for in this Proposal.
- E. **CLAIMS FOR LOSS OR DAMAGE IN TRANSIT:** Since material is sold "FOB Factory" or "FOB Factory, freight allowed to destination", the responsibility for filing claims for loss or damage in transit is the Buyers. We will assist and cooperate with the Buyer in handling such problems.
- F. **WARRANTY & SERVICE:** Goble Sampson Associates, Inc. warranties on equipment are limited to the warranty provided to the Purchaser by the Manufacturer of the specific equipment contained in this Proposal. Start-up or operation of equipment containing electrical or electronic components by unauthorized persons and damage resulting from unauthorized operation will be sufficient grounds to void all warranties on that equipment unless it has been previously checked out and operated by qualified personnel of the manufacturer or their representatives. If such failure is attributable to defects in the material furnished and found to have existed at the time of delivery, the Seller's liability shall be limited to furnishing necessary replacement material or parts. No liability is assumed by Goble Sampson Associates, Inc. under any conditions for installation, labor or materials associated with the installation of Seller's materials, unless installation is an integral part of this Proposal and are supplied by Goble Sampson Associates, Inc. This Proposal is for equipment only, and unless stipulated otherwise, does not include field service of any kind. Two weeks minimum advance notice in writing for start-up service is required. Start-up or supervision service will not be provided by Manufacturer or Goble Sampson Associates, Inc. on equipment covered by this Proposal if payment for equipment is not current, per Item B(1) of these Terms and Conditions.
- G. **ACCEPTANCE OF THE PROPOSAL:** This proposal is subject to Buyer's offer to purchase and to the subsequent acceptance of an Officer of Goble Sampson Associates, Inc. Thereupon it will become the entire Agreement between Buyer and the Seller notwithstanding any previous communications or negotiations, whether oral or written. There are no covenants, agreements, inducements, guarantees, warranties, additions or considerations other than as set out specifically in this Proposal. The parties intend to be legally bound by this Agreement and to be governed by Utah law upon the execution of this instrument as a contract. In the event the Buyer issues his own purchase order or prepares a contract based on this Proposal, the Terms and Conditions of this Proposal shall be deemed to be incorporated in the said purchase order or contract unless exception is specifically taken.
- H. **SPECIAL CONDITIONS:** No back charges or delay in payment of equipment shipped or services performed will be accepted by Goble Sampson Associates, Inc. unless authorized in advance and confirmed in writing by Goble Sampson Associates, Inc. We wish to assure you that Goble Sampson Associates, Inc., will do its utmost to meet your required delivery dates; however, we cannot be held responsible for delays and shortages of material caused by conditions beyond our control.

CARBON BLACK TANKS

A wide variety of compounded colors are available for polyethylene storage tanks. Cosmetics to match the surrounding buildings and landscape, customer preferences, and the application or the chemicals being stored are factors determining tank color selection. However, one color almost always selected for higher end storage solutions, such as storing harsh, aggressive chemicals such as sodium hypochlorite, is black. Specifically when the tank is used outdoors.

Let's explore why black, or more specifically, carbon black, is a smart color choice.



What Is Carbon Black?

Carbon Black is a form of nearly pure, elemental carbon. With its different molecular structure from other forms of elemental carbon, graphite and diamond, carbon black has different physical properties. It's softer than graphite and diamond, and intensely black in color. Carbon black is manufactured by burning hydrocarbon fuels at a reduced heat in a controlled atmosphere. Kerosene is one of the most common hydrocarbons used in manufacturing carbon black.

Why Carbon Black?

Carbon black has many applications in plastics. It's used as a pigment, conductive filler material, particulate reinforcement, and UV absorber. In crosslinked polyethylene storage tanks, carbon black is used as both a compounded pigment and UV absorber. Carbon black is the industry standard for UV absorption, when compared to other colors like forest green or white storage tanks that are pigmented with Titanium Dioxide. Many of these other pigmented colors shorten the useful life of a chemical tank due to premature breakdown of the polymer.

California

8055 S. Ash St.
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Tel: 877.325.3142

Louisiana

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2201 Old Sterlington Rd.
Monroe, LA 71203
Tel: 866.590.6845
sales@polyprocessing.

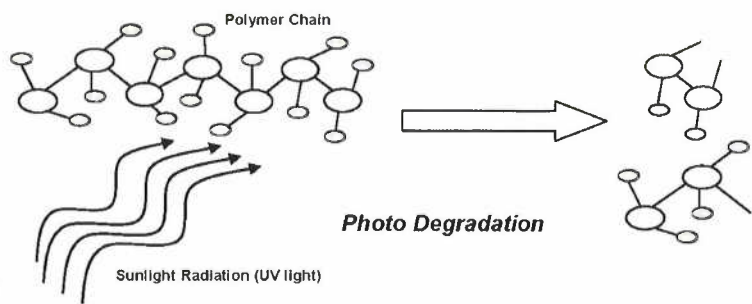
Virginia

161 McGhee Rd.
Winchester, VA 22603
Tel: 877.633.6416



CARBON BLACK TANKS (CONTINUED):

Carbon black offers superior weather resistance in storage tanks housed outside. Polyethylene tanks, in addition to heating when exposed to sunlight, also degrade from exposure to ultraviolet rays. UV turns plastic brittle through photodegradation. This degradation results in loss of mechanical properties, discoloration, cracking, fading, and chalking. Photodegradation weathers polyethylene.



A simple, inexpensive method to protect polyethylene from UV degradation is adding carbon black as an internal stabilizer material. Carbon black, added as a stabilizer, absorbs or screens out damaging UV rays. The rays are transformed into heat. The heat is harmlessly dissipated throughout the tank itself.

The UV index value or rating of carbon black, according to an Exxonmobil study conducted over a 36 month period in the Arizona desert, supports carbon black as a superior UV resistant material.

While black tanks have a slightly higher overall temperature than natural or white tanks, the UV protection the carbon black provides outweighs the effects of slightly elevated temperature levels. The useful life of the tank is extended and the potential for catastrophic failure is reduced significantly. As a result, carbon black is the preferred compounded pigment for storing harsh chemicals such as sodium hypochlorite and other aggressive materials.

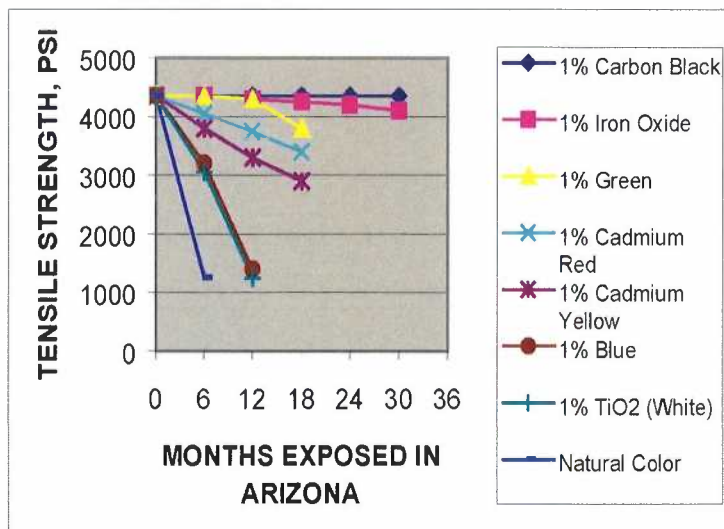


Figure 1: Effect of Pigments on UV stabilization of HDPE PE resins.
Source ExxonMobil "Tip from Technology, UV Effect on Polyethylene"

Vaughn Fleischbein

From: Bryson Pearson
Sent: Thursday, September 24, 2026 6:18 PM
To: Vaughn Fleischbein
Subject: Fw: Tank Quote - D&H Water Systems

FYI



Bryson Pearson
WTP ManagerT5/D5
City of Folsom
194 Randall Drive, Folsom, CA 95630
bpearson@folsom.ca.us

From: Zach Barney <zach.barney@DANDHWATERSYSTEMS.COM>
Sent: Thursday, 24 September 2026 17:27:25
To: Bryson Pearson <bpearson@folsom.ca.us>
Subject: Re: Tank Quote - D&H Water Systems

You don't often get email from zach.barney@dandhwatersystems.com. [Learn why this is important](#)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Unfortunately, I can't I'm sorry Bryson. Full transparency, I'm 8 weeks into the job and I called my manager. To do our due diligence and fully review the spec and get the quote good to go, I'm being told it would take a few days to get this over to you.

Ideally, if you can give us a week heads up next time we would be much better positioned to support this request. I hope you can understand where we're coming from.

Honestly, I live in Folsom. I'd love to come by and drop off my line card and put a face to the name if you'd be open to that. Are you free next week for me to come and introduce myself?

Thanks,

Zach Barney

Technical Sales | Northern CA
Serving the Municipal Water/Wastewater Market
Chemical Feed – Mixing – Process Control
Design – Fabrication – Installation – Service



Phone: 916-708-5156

zach.barney@dandhwatersystems.com

From: Bryson Pearson <bpearson@folsom.ca.us>
Sent: Thursday, September 24, 2026 4:38 PM
To: Zach Barney <zach.barney@DANDHWATERSYSTEMS.COM>
Subject: Re: Tank Quote - D&H Water Systems

If you are able to send what you have without freight we can at least match tank for tank.

Bryson Pearson
WTP ManagerT5/D5
City of Folsom
194 Randall Drive, Folsom, CA 95630
bpearson@folsom.ca.us

From: Zach Barney <zach.barney@DANDHWATERSYSTEMS.COM>
Sent: Thursday, 24 September 2026 16:24:22
To: Bryson Pearson <bpearson@folsom.ca.us>
Subject: Tank Quote - D&H Water Systems

You don't often get email from zach.barney@dandhwatersystems.com. [Learn why this is important](#)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Bryson,

Just left you a voicemail a few minutes ago. I wanted to be upfront with you but I'm just getting out of meetings from the day and looking at this email. It looks like the attachment you provided to Tom wasn't forwarded on. Can you resend it to me?

I spoke with my internal team and because our manufacturer is on the east coast I can't get you a freight number today, I apologize. Tried pulling some strings but with fuel costs ever changing we cannot predict the freight without talking with them and likely won't be able to get this back to you until early next week. Is it possible to get an extension with the city?

Thanks,

Zach Barney

Technical Sales | Northern CA
Serving the Municipal Water/Wastewater Market
Chemical Feed – Mixing – Process Control
Design – Fabrication – Installation – Service

**DH WATER
SYSTEMS**

Phone: 916-708-5156

zach.barney@dandhwatersystems.com

Attachment 6



October 5, 2026

City of Folsom

50 Natoma St

Folsom, CA 95648

Attn: Vaughn Fleischbein

Dear Vaughn,

BWD General Engineering Contractors is pleased to provide a proposal for the removal and replacement of the existing Chlorine Tanks (2) located at Folsom WTP. Scope of work was provided by Folsom and is attached to this document. BWD has the following clarifications. Price to perform this work is **\$ 446,000 including 25% contingency** and is detailed on attached Sheet

- New chlorine tanks, process chemicals and transfer pump to be provided by the City of Folsom
- It is our understanding that any startup or commissioning activities would be performed by City staff and the vendor supplying the tank. BWD has included (1) day of startup support to assist as directed if necessary
- See attached scope with comments
- Price is valid for 60 days.

If you have any additional questions, please don't hesitate to contact me. We appreciate the opportunity to bid on your project.

Sincerely,

Bernard Drennon

Ben Drennon

BWD General Engineering Contractors

Enclosures:

Price Breakdown

Provided scope of work with comments

CC:

Nathan Stites-Folsom

Jeff Inferrera- ICM

Price Breakdown

1. Tank and piping Removal \$ 44,000
 - a. Removal and legal disposal of existing tanks and piping as outlined in the project scope, patching of holes in building wall after pipe removal is included. Removal of chemical to safe limit is performed by owner.
2. Concrete Tank Pad Removal \$ 24,000
 - a. Demolition of Existing concrete tank pads to containment slab height, debris disposal included
3. Place New Concrete Tank Pads \$ 68,000
 - a. Construct (2) tank foundation pads, basis of estimate is the current tank slab being constructed.
4. Install New Tanks \$ 27,000
 - a. Install new owner furnished tanks
5. Install Pipe and Supports \$ 96,000
 - a. Install piping per provided scope, BWD has reviewed the current configuration and provided scope in developing this estimate. Includes stainless steel Unistrut supports.
6. Install Transfer Pump Complete \$ 5,000
 - a. Includes new concrete pad and pipe connections of owner supplied transfer pump
7. Pipe Insulation \$ 25,000
 - a. Replace in kind pipe insulation
8. Electrical \$ 68,000
 - a. Demo existing transfer pump conduit and wire.
Install new conduit and wire from existing panel DP-DD to new combination motor starter disconnect installed in the Hypochlorite Building, extend new conduit and wire out to the transfer pump.
Demo existing chlorine tank control conduit and wiring.
Install new conduit and control wire from the existing PLC cabinet to the new chlorine tanks for level transmitters.
Provide and install level transmitters, displays to be mounted in the PLC door. No specification provided, quoting Siemens ST-H ultrasonic level transducer, Siemens a. LT500 level controller, and Siemens universal mounting adapter.
9. 25% Contingency \$89,000
 - a. Current estimate was developed from provided scope and review of the current configuration of the chlorine tanks. BWD was informed a formal design is being developed and will be provided when complete. Contingency is to cover any additional changes that arise during formal design and any unforeseen conditions encountered while working on the existing facility

TOTAL

\$446,000

SCOPE OF WORK

CITY OF FOLSOM WATER TREATMENT PLANT

SODIUM HYPOCHLORITE STORAGE

DEMOLITION AND NEW DESIGN

**PROFESSIONAL ENGINEERING DESIGN AND
ENGINEERING SERVICES DURING CONSTRUCTION**

I. SUMMARY

Provide professional engineering services to the City of Folsom (City) for design services associated with a new sodium hypochlorite storage and feed system and modifications to chemical feed system area at the City's Water Treatment Plant. This Scope of Work consists of preparing preliminary and detailed design including creating drawings and specifications for the project to be added to work already under contract with the existing general contractor currently onsite completing the City of Folsom Water Treatment Plant Caustic Soda Storage and Feed System Project (Caustic Soda Project) previously bid and awarded. Overall scope items also includes Engineering Services During Construction for the new sodium hypochlorite design.

II. PROJECT DESCRIPTION

New Sodium Hypochlorite Storage and Feed System

The City wants to replace the existing sodium hypochlorite storage system with new Crosslinked Polyethylene Chemical Tanks (Poly Processing Tanks). This project is a result of an emergency response to both tanks which are currently leaking. The following are the main items involved with the new system.

- New sodium hypochlorite storage tanks will be sized to match the storage capacity of the existing sodium hypochlorite storage tanks.
- New tanks will be purchased by the City and BWD will be responsible for installation. Tanks will be purchased through the emergency waiver of bid process through Goble Sampson, Poly Processing Chemical Tanks, the two (2) tanks will be delivered with integrally molded flanged 4 -inch outlet, with 2-inch fill tank connection. tank overflow, tank drain, and tank transfer connections.
- New tanks shall have level transmitter instruments and safety devices as

required by the code.

- New tanks will be located in same space that the existing tanks occupy. The existing tank bases will need to be demolished and constructed to meet the height of the secondary containment wall.
- If required by the City, a temporary system will be set up, installed, tested and go through start up by the existing Contractor, that is not a part of this scope of work. It is assumed that only one tank will be demolished and replaced at any given time to make sure the hypo feed service is not interrupted. Contractor to make a note of this operational constraint. **BWD notes this constraint, Also we have not included any cost for Temporary system installation or operation**
- The existing containment area will be unchanged with the exception of the tank bases.
- It has been confirmed that the existing containment volume is not sufficient to accommodate the tank volume plus the rainwater as required by the code. Therefore, a double walked tank is being specified.
- There are no changes to the existing Tank Containment drainage.
- Existing two FRP 8500 gallon tanks will be demolished along with the associated appurtenances.
- Existing 10 inch piping in the containment area and also in the pump room associated with the old onsite hypochlorite feed system will be demolished.
- Existing 3 inch old OSHG piping in the containment area and in the pump room shall be demolished.
- The existing piping for tank fill, tank drain, overflow, and suction for the hypo feed pumps will be replaced in kind with new CPVC piping of the same diameter. Piping shall be provided with the same insulation and cover as the existing piping. Existing pipe supports shall be demolished and the contractor shall use Unistrut type pipe supports as required to support the new piping from the containment floor.
 - Fill Size – 2 inch
 - Suction Piping – 2 inch
 - Drain and overflow piping – 3 inch
 - Recirculation pump suction and discharge piping – 2 inch

Civil • The existing lighting and eyewash stations will remain as is.

- B&V will use the City provided AUTOCAD as-built drawings for drawings development. Survey work is not anticipated and is not included.

- No geotechnical investigations will be performed. The City will provide the previous geotechnical reports for B&V's design use.
- It is assumed that environmental review and permitting will not be required.
- Scope will not include coordination time with DDW for the work, this is simply a change in storage of the chemical.
- Black & Veatch standards and practices will be used.

Structural

- Structural design and detailing for two new Sodium Hypochlorite Tank pads and a Transfer Pump pad. Design includes anchorage for equipment to meet previously established design criteria.
- Pipe support design is required to replace the existing system which is anticipated to be removed. A common free standing pipe support structure will be provided for the fill and overflow piping next to the tanks similar to the Caustic Storage Tank piping support. **BWD has included installation of pipe supports as field fit unistrut type we have not included any type of delegated designed system.**
- Typical B&V foundation settlement criteria of 1" total and 1/2" differential will be used.
- Seismic Site Class will be A, B, C, or D.
- Design for seismic liquefaction is not included.
- Spread or mat foundations will be used. No piling or soil improvement systems are included.
- Design of structural elements for a fall protection system is not included.
- Special Inspections support is not included.

HVAC

- The area involved in the design is outdoors and does not have HVAC design requirements.

Plumbing Assumptions

- Existing Sodium Hypochlorite Storage Area
 - The existing sodium hypochlorite storage area and fill location are equipped with eye wash stations, no additional eye wash provisions are included.
 - The existing sodium hypochlorite storage area has adequate hose bibs for washdown and no additional provisions are included.

- The building water pressure available is expected to be in the range of 50-70 psig. No water booster system design is included.

Chemical Feed

- The existing sodium hypochlorite pumps will be reused with the new storage tanks without modification.
- The City has a new transfer pump at the site that they intend to use to replace the existing transfer pump powered from spare breaker in the existing panel on the south wall of the hypochlorite room. The existing pump will be demolished and the new pump will be installed by the contractor (BWD) in the same location on a raised concrete pad.
- Sodium hypochlorite will be delivered as 12.5%.

Electrical

- A new transfer pump at the site will be installed to replace the existing pump, the power and signal will require new conduit routed to a different panel that was used previously. This panel is in the same room and located on the south wall. Demolition of the electrical and signal connections is required at the panel that the existing transfer pump was connected to, located on the north wall.
- New conduits and wiring will be provided for the level transmitters on the tanks. Control wiring will be connected to the existing PLC panel in the hypo pump room.
- All modifications to the electrical system beyond distribution of power from an existing source should be considered Supplemental Services.
- No security, access control, fire alarm, voice communication, or lightning protection equipment will be provided.

I&C

- The fee assumes that configuration work will be done by Contractor.
- Upgrades to existing SCADA system computer hardware or software are not anticipated and therefore not included in the Scope of Work. Major network upgrades or improvements are not included.

III. PROJECT SCHEDULE

The scope of work presented below is based on the following schedule:

100% Design Submittal – 4-6 weeks after receiving City NTP

September 25, 2026

City of Folsom

Sodium Hypochlorite Storage Demo and Design SCOPE OF WORK

Page 6

Review revisions – we have budgeted for two rounds of review and incorporation of comments. We will resubmit 2 weeks after receipt of comments.

IV. SCOPE OF WORK

The sheet list will include the following drawings, the existing Caustic Soda Project Drawings and Specifications will be referenced where appropriate.

- 1 M-01 Containment Area Demolition Plan
- 2 M-02 Sodium Hypochlorite Tank Area Plans
- 3 M-03 Sodium Hypochlorite Tank Sections and Details
- 4 S-3 Structural Std concrete base detailing and anchorage
- 5 S-4 Structural Pipe Support Details
- 6 E-5 Electrical Chemical feed building power and lighting plan
- 7 E-6 Electrical Miscellaneous details

Task 1. Project Management

This task will include project setup, administration, coordination with the City, and managing scope schedule and budget. B&V PM will provide a monthly update on the project via conference call. The following meetings and calls are included:

- Kickoff meeting by PM and Engineer.
- 100% design Review Meeting (2 hours) by PM and Engineers
- Site Visits – As part of the detailed design, 2 site visits are included by PM and Engineers.
- Progress Status Conference Calls B&V will hold informal conference calls with the City to provide progress status and discuss project design related items. For budgeting purposes, two (2), 1-hour calls are included.
- Monthly invoicing for the project will be included in the task.

Deliverable - An agenda, and meeting minutes will be prepared for the kickoff and design review meetings and distributed to all attendees in PDF format. Monthly invoicing will be sent to the City for the duration of the project.

Task 2 – Detailed Design

Task 2.1 – Client Initiated Design Change

This task involves taking the information from the City of Folsom on sizing, volume, elevation of tank pads and developing initial concepts and drawings for this project. Our design team will evaluate the information provided thru the City and the existing contractor to provide initial sizing of the pads, pipe supports and general layout of the two Sodium Hypochlorite Tanks to be located in the existing chemical area.

Task 2.2 – 100% Design

A 100% complete draft design will be prepared using the basis of design established in the Caustic Soda Project. Any other criteria required to be developed will be discussed and approved by the City. Construction Drawings, details and sections for the work will be prepared. Drawings will be developed using B&V standards and AutoCAD (latest version used at B&V) and prepared on 22 x 34-inch sheet. Project technical specifications (Div. 2 to 16) from the Caustic Soda Project will be used for this effort. Additional specifications as needed will be prepared in MSWord using B&V standard specifications.

A design review meeting will be held at the City office. This meeting will be attended by B&V PM and select design team members. Two meetings have been budgeted for. Meeting agenda and minutes will be prepared and distributed. Responses to client comments will be provided in the revised and resubmitted set of plans and specifications.

The review comments from the City and the QA/QC team will be incorporated into the design documents as appropriate. Upon completion, final drawings will be submitted to the City in electronic format, together with one set of project specifications. The final construction drawings will be signed and sealed by registered professional engineers in the State of California.

Deliverable – Drawings and specifications PDF by email, and five hard copies.
Meeting agenda and minutes in PDF

Task 3 – Bid Phase Services (NOT USED)

Task 4a – Construction Phase Services

Task 4.1a. Review Of Shop Drawings and Submittals

Shop drawings and other data submitted by the Contractor as required by the contract documents shall be reviewed by the Consultant. Review shall be for general conformity to the construction contract drawings and specifications for the Project and shall not relieve the Contractor of any contractual responsibilities. Such reviews shall not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions and programs incident thereto. The budget for this task has been based on the review of 10 shop drawings submittals including resubmittals. Submittal review comment sheets will be provided to the City in electronic format (PDF files). Annotated shop drawings will be provided as applicable for clarity.

Task 4.2a. Review and Evaluation of Contractor's Request for Information

The Consultant shall interpret the construction contract drawings and specifications and respond to the City in writing to Requests for Information (RFIs) from the Contractor relating to the design. The budget for this task is based on review of 5 RFIs. This assumes that field issues, not needing design interpretation, will be handled directly by the City/CM and not forwarded to the Consultant for review. Responses to RFIs will be provided to the Contractor in electronic format (PDF files).

Task 4.3a. Prepare Design Changes

The Consultant shall prepare design changes, as required, to facilitate the project construction. Design changes will be provided to the City in electronic format (PDF files) for approval and transmittal to the Contractor. The City/CM shall prepare the actual change order document and negotiate the change order with the Contractor. The budget for this task has been developed based on preparation of one design change only.

Task 4.4a. Review and Evaluate Change Orders

The Consultant shall participate in review of time/cost of change orders, resulting from the issuance of design changes, as requested by the City. Recommendations shall be provided to the City regarding the validity and proposed cost associated with change order requests. The City shall prepare the actual change order document and negotiate the change order with the Contractor. The budget for this task has been developed based on an allowance of 8 hours of engineer's time.

Task 4.5a. Construction Site Visits

The Consultant shall conduct a total of two site visits check on status and observe construction when needed. The PM and select design team members shall conduct these

visits to the construction site to observe progress of the work and consult with the City, and Contractor. The Consultant will tour the construction as needed. Site visits will be combined with in person meetings attended by the Consultant. In addition, a two-hour site visit is included for B&V structural engineer to visit the site and answer Contractor questions related to the structural concrete work.

Task 4.6a. Conformed to Construction Drawings

Consultant will utilize the City provided red-lined set of drawings to prepare a Conformed to Construction Record Drawing set after review and acceptance by City. One set of 11 x 17 hard copy drawings will be submitted along with AutoCAD electronic files. Record drawings will be completed by the Consultant at the end of the project upon receipt of red-line drawings from the City. Contractor shall provide a single set of legible full size red-line plans for Consultant to develop the Conformed to Construction Drawings. The red-lines will include markups resulting from all RFIs, design changes, and field changes. Specifications will not be updated.

Task 4b – Construction Phase Services

Task 4b is additional services that are required to supplement the existing contract for Engineering Services During Construction for the Caustic Soda Storage and Feed System project. We have assumed an additional month of services are required and as described below.

Task 4.1b. Review Of Shop Drawings and Submittals

Shop drawings and other data submitted by the Contractor as required by the contract documents shall be reviewed by the Consultant. Review shall be for general conformity to the construction contract drawings and specifications for the Project and shall not relieve the Contractor of any contractual responsibilities. Such reviews shall not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions and programs incident thereto. The budget for this task has been based on the review of 5 shop drawings submittals including resubmittals. Submittal review comment sheets will be provided to the City in electronic format (PDF files). Annotated shop drawings will be provided as applicable for clarity. For budgeting purposes, we have assumed a total of 40 hours for this task.

Task 4.2b. Review and Evaluation of Contractor's Request for Information

The Consultant shall interpret the construction contract drawings and specifications and respond to the City in writing to Requests for Information (RFIs) from the Contractor relating to the design. The budget for this task is based on review of 5 RFIs. This assumes that field issues, not needing design interpretation, will be handled directly by the City/CM and not forwarded to the Consultant for review. Responses to RFIs will be provided to the Contractor in electronic format (PDF files). For budgeting purposes, we have assumed a total of 40 hours for this task.

EXCLUSIONS:

- By performance of this Scope of Work, Consultant shall not have the authority or responsibility to supervise, direct, or control the Contractor's work or the Contractor's means, methods, techniques, sequences, or procedures of construction. Consultant shall not have authority or responsibility for safety precautions and programs incident to the Contractor's work or for any failure Of the Contractor to comply with laws, regulations, rules, ordinances, codes or orders applicable to the Contractor furnishing and performing the work.
- This scope of work does not include Construction Management or inspection services unless specifically noted in this Scope of Work.
- Consultant shall not be responsible for any materials testing or geotechnical inspections. It is assumed that these will be covered by the City.
- Observation by Engineer of Record is not included.
- Field office and office equipment will not be provided by the Consultant. Consultant staff working in the field will utilize available space within the Construction Manager's field offices (if available) when attending onsite meetings. Control system programming and configuration services are not provided by the Consultant.

End of Scope Document

Attachment 7



October 1, 2026

Mr. Vaughn Fleischbein, PE
Utilities Department
50 Natoma Street
Folsom, CA 95630

RE: Amendment 1 - Water Treatment Plant Caustic Soda System Project

Dear Mr. Fleischbein,

In response to the City's request for additional construction management and inspection services for the referenced Project, we are happy to present this proposal for Amendment 1 to our Professional Services Agreement dated July 20, 2026. The scope of our services has not changed. However, due to a forthcoming construction change order for the demolition and replacement of the entire sodium hypochlorite tank system in the Spring of 2027, additional construction management and inspection hours will be needed to satisfy the needs of the Project.

Using BWD General Engineering Contractor's proposed work schedule provided via email on September 30, 2026, we propose Amendment 1 with a budget of \$128,203.36 to complete the Project as currently planned. Details of the proposed increase are shown on the following tables:

Table 1 - Budget Summary

Task	Total
Original Budget (February 22, 2025)	\$375,285.00
Proposed Budget for Amendment 1	\$128,203.36
Total Budget with Proposed Increase	\$503,488.36

Table 2 - Proposed Budget for Amendment 1

Task	Hours	Rate	Total
Construction Manager	80	\$260.00	\$20,800.00
Inspector	550	\$182.00	\$100,100.00
Administrator	16	\$92.56	\$1,480.96
Expenses	3	\$1,000	\$3,000
Bay Area Coating Inspection	0	\$146.05	0
Youngdahl	16	\$168.00	\$2,688.00
5% Fee on Subconsultants			\$134.40
Proposed Budget for Amendment 1			\$128,203.36

BWD's proposed work schedule is as follows:

- Change Order Notice to Proceed approximately December 2026
- Work commences approximately April 2026
- Demolition of tank/piping and concrete slab - 7 working days
- Form/Rebar/Place concrete tank foundation - 9 working days
- Concrete cure time prior to setting tank- 30 calendar days
- Set Tank 1 and install piping - 8 working days
- Electrical - 5 working days
- Commission first tank- 1 working day
- Demolition of tank/piping and concrete slab - 7 working days
- Form/Rebar/Place concrete tank foundation - 9 working days
- Concrete cure time prior to setting tank- 30 calendar days
- Set Tank 1 and install piping - 8 working days
- Insulation - 2 working days

Please let me know if you have any questions or need additional information.

Thanking you in advance,

Inferrera Construction Management Group, Inc.

A handwritten signature in black ink, appearing to read 'Jeffrey Inferrera', with a long, sweeping horizontal stroke extending to the right.

Jeffrey Inferrera
President

Attachment 8

SCOPE OF WORK
CITY OF FOLSOM WATER TREATMENT PLANT
SODIUM HYPOCHLORITE STORAGE
DEMOLITION AND NEW DESIGN
PROFESSIONAL ENGINEERING DESIGN AND
ENGINEERING SERVICES DURING CONSTRUCTION

I. SUMMARY

Provide professional engineering services to the City of Folsom (City) for design services associated with a new sodium hypochlorite storage and feed system and modifications to chemical feed system area at the City's Water Treatment Plant. This Scope of Work consists of preparing preliminary and detailed design including creating drawings and specifications for the project to be added to work already under contract with the existing general contractor currently onsite completing the City of Folsom Water Treatment Plant Caustic Soda Storage and Feed System Project (Caustic Soda Project) previously bid and awarded. Overall scope items also includes Engineering Services During Construction for the new sodium hypochlorite design.

II. PROJECT DESCRIPTION

New Sodium Hypochlorite Storage and Feed System

The City wants to replace the existing sodium hypochlorite storage system with new Crosslinked Polyethylene Chemical Tanks (Poly Processing Tanks). This project is a result of an emergency response to both tanks which are currently leaking. The following are the main items involved with the new system.

- New sodium hypochlorite storage tanks will be sized to match the storage capacity of the existing sodium hypochlorite storage tanks.
- New tanks will be purchased by the City and BWD will be responsible for installation. Tanks will be purchased through the emergency waiver of bid process through Goble Sampson, Poly Processing Chemical Tanks, the two (2) tanks will be delivered with integrally molded flanged 4 -inch outlet, with 2-inch fill tank connection. tank overflow, tank drain, and tank transfer connections.
- New tanks shall have level transmitter instruments and safety devices as

required by the code.

- New tanks will be located in same space that the existing tanks occupy. The existing tank bases will need to be demolished and constructed to meet the height of the secondary containment wall.
- If required by the City, a temporary system will be set up, installed, tested and go through start up by the existing Contractor, that is not a part of this scope of work. It is assumed that only one tank will be demolished and replaced at any given time to make sure the hypo feed service is not interrupted. Contractor to make a note of this operational constraint.
- The existing containment area will be unchanged with the exception of the tank bases.
- It has been confirmed that the existing containment volume is not sufficient to accommodate the tank volume plus the rainwater as required by the code. Therefore, a double walked tank is being specified.
- There are no changes to the existing Tank Containment drainage.
- Existing two FRP 8500 gallon tanks will be demolished along with the associated appurtenances.
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 - Fill Size – 2 inch
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 - Recirculation pump suction and discharge piping – 2 inch
- The existing lighting and eyewash stations will remain as is.

Civil

- B&V will use the City provided AUTOCAD as-built drawings for drawings development. Survey work is not anticipated and is not included.

- No geotechnical investigations will be performed. The City will provide the previous geotechnical reports for B&V's design use.
- It is assumed that environmental review and permitting will not be required.
- Scope will not include coordination time with DDW for the work, this is simply a change in storage of the chemical.
- Black & Veatch standards and practices will be used.

Structural

- Structural design and detailing for two new Sodium Hypochlorite Tank pads and a Transfer Pump pad. Design includes anchorage for equipment to meet previously established design criteria.
- Pipe support design is required to replace the existing system which is anticipated to be removed. A common free standing pipe support structure will be provided for the fill and overflow piping next to the tanks similar to the Caustic Storage Tank piping support.
- Typical B&V foundation settlement criteria of 1" total and 1/2" differential will be used.
- Seismic Site Class will be A, B, C, or D.
- Design for seismic liquefaction is not included.
- Spread or mat foundations will be used. No piling or soil improvement systems are included.
- Design of structural elements for a fall protection system is not included.
- Special Inspections support is not included.

HVAC

- The area involved in the design is outdoors and does not have HVAC design requirements.

Plumbing Assumptions

- Existing Sodium Hypochlorite Storage Area
 - The existing sodium hypochlorite storage area and fill location are equipped with eye wash stations, no additional eye wash provisions are included.
 - The existing sodium hypochlorite storage area has adequate hose bibs for washdown and no additional provisions are included.

- The building water pressure available is expected to be in the range of 50-70 psig. No water booster system design is included.

Chemical Feed

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- The City has a new transfer pump at the site that they intend to use to replace the existing transfer pump powered from spare breaker in the existing panel on the south wall of the hypochlorite room. The existing pump will be demolished and the new pump will be installed by the contractor (BWD) in the same location on a raised concrete pad.
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I&C

- The fee assumes that configuration work will be done by Contractor.
- Upgrades to existing SCADA system computer hardware or software are not anticipated and therefore not included in the Scope of Work. Major network upgrades or improvements are not included.

III. PROJECT SCHEDULE

The scope of work presented below is based on the following schedule:

100% Design Submittal – 4-6 weeks after receiving City NTP

September 25, 2026

City of Folsom

Sodium Hypochlorite Storage Demo and Design SCOPE OF WORK

Page 6

Review revisions – we have budgeted for two rounds of review and incorporation of comments. We will resubmit 2 weeks after receipt of comments.

IV. SCOPE OF WORK

The sheet list will include the following drawings, the existing Caustic Soda Project Drawings and Specifications will be referenced where appropriate.

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Task 1. Project Management

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- 100% design Review Meeting (2 hours) by PM and Engineers
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Deliverable - An agenda, and meeting minutes will be prepared for the kickoff and design review meetings and distributed to all attendees in PDF format. Monthly invoicing will be sent to the City for the duration of the project.

Task 2 – Detailed Design

Task 2.1 – Client Initiated Design Change

This task involves taking the information from the City of Folsom on sizing, volume, elevation of tank pads and developing initial concepts and drawings for this project. Our design team will evaluate the information provided thru the City and the existing contractor to provide initial sizing of the pads, pipe supports and general layout of the two Sodium Hypochlorite Tanks to be located in the existing chemical area.

Task 2.2 – 100% Design

A 100% complete draft design will be prepared using the basis of design established in the Caustic Soda Project. Any other criteria required to be developed will be discussed and approved by the City. Construction Drawings, details and sections for the work will be prepared. Drawings will be developed using B&V standards and AutoCAD (latest version used at B&V) and prepared on 22 x 34-inch sheet. Project technical specifications (Div. 2 to 16) from the Caustic Soda Project will be used for this effort. Additional specifications as needed will be prepared in MSWord using B&V standard specifications.

A design review meeting will be held at the City office. This meeting will be attended by B&V PM and select design team members. Two meetings have been budgeted for. Meeting agenda and minutes will be prepared and distributed. Responses to client comments will be provided in the revised and resubmitted set of plans and specifications.

The review comments from the City and the QA/QC team will be incorporated into the design documents as appropriate. Upon completion, final drawings will be submitted to the City in electronic format, together with one set of project specifications. The final construction drawings will be signed and sealed by registered professional engineers in the State of California.

Deliverable – Drawings and specifications PDF by email, and five hard copies.
Meeting agenda and minutes in PDF

Task 3 – Bid Phase Services (NOT USED)

Task 4a – Construction Phase Services

Task 4.1a. Review Of Shop Drawings and Submittals

Shop drawings and other data submitted by the Contractor as required by the contract documents shall be reviewed by the Consultant. Review shall be for general conformity to the construction contract drawings and specifications for the Project and shall not relieve the Contractor of any contractual responsibilities. Such reviews shall not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions and programs incident thereto. The budget for this task has been based on the review of 10 shop drawings submittals including resubmittals. Submittal review comment sheets will be provided to the City in electronic format (PDF files). Annotated shop drawings will be provided as applicable for clarity.

Task 4.2a. Review and Evaluation of Contractor's Request for Information

The Consultant shall interpret the construction contract drawings and specifications and respond to the City in writing to Requests for Information (RFIs) from the Contractor relating to the design. The budget for this task is based on review of 5 RFIs. This assumes that field issues, not needing design interpretation, will be handled directly by the City/CM and not forwarded to the Consultant for review. Responses to RFIs will be provided to the Contractor in electronic format (PDF files).

Task 4.3a. Prepare Design Changes

The Consultant shall prepare design changes, as required, to facilitate the project construction. Design changes will be provided to the City in electronic format (PDF files) for approval and transmittal to the Contractor. The City/CM shall prepare the actual change order document and negotiate the change order with the Contractor. The budget for this task has been developed based on preparation of one design change only.

Task 4.4a. Review and Evaluate Change Orders

The Consultant shall participate in review of time/cost of change orders, resulting from the issuance of design changes, as requested by the City. Recommendations shall be provided to the City regarding the validity and proposed cost associated with change order requests. The City shall prepare the actual change order document and negotiate the change order with the Contractor. The budget for this task has been developed based on an allowance of 8 hours of engineer's time.

Task 4.5a. Construction Site Visits

The Consultant shall conduct a total of two site visits check on status and observe construction when needed. The PM and select design team members shall conduct these

visits to the construction site to observe progress of the work and consult with the City, and Contractor. The Consultant will tour the construction as needed. Site visits will be combined with in person meetings attended by the Consultant. In addition, a two-hour site visit is included for B&V structural engineer to visit the site and answer Contractor questions related to the structural concrete work.

Task 4.6a. Conformed to Construction Drawings

Consultant will utilize the City provided red-lined set of drawings to prepare a Conformed to Construction Record Drawing set after review and acceptance by City. One set of 11 x 17 hard copy drawings will be submitted along with AutoCAD electronic files. Record drawings will be completed by the Consultant at the end of the project upon receipt of red-line drawings from the City. Contractor shall provide a single set of legible full size red-line plans for Consultant to develop the Conformed to Construction Drawings. The red-lines will include markups resulting from all RFIs, design changes, and field changes. Specifications will not be updated.

Task 4b – Construction Phase Services

Task 4b is additional services that are required to supplement the existing contract for Engineering Services During Construction for the Caustic Soda Storage and Feed System project. We have assumed an additional month of services are required and as described below.

Task 4.1b. Review Of Shop Drawings and Submittals

Shop drawings and other data submitted by the Contractor as required by the contract documents shall be reviewed by the Consultant. Review shall be for general conformity to the construction contract drawings and specifications for the Project and shall not relieve the Contractor of any contractual responsibilities. Such reviews shall not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions and programs incident thereto. The budget for this task has been based on the review of 5 shop drawings submittals including resubmittals. Submittal review comment sheets will be provided to the City in electronic format (PDF files). Annotated shop drawings will be provided as applicable for clarity. For budgeting purposes, we have assumed a total of 40 hours for this task.

Task 4.2b. Review and Evaluation of Contractor's Request for Information

The Consultant shall interpret the construction contract drawings and specifications and respond to the City in writing to Requests for Information (RFIs) from the Contractor relating to the design. The budget for this task is based on review of 5 RFIs. This assumes that field issues, not needing design interpretation, will be handled directly by the City/CM and not forwarded to the Consultant for review. Responses to RFIs will be provided to the Contractor in electronic format (PDF files). For budgeting purposes, we have assumed a total of 40 hours for this task.

EXCLUSIONS:

- By performance of this Scope of Work, Consultant shall not have the authority or responsibility to supervise, direct, or control the Contractor's work or the Contractor's means, methods, techniques, sequences, or procedures of construction. Consultant shall not have authority or responsibility for safety precautions and programs incident to the Contractor's work or for any failure Of the Contractor to comply with laws, regulations, rules, ordinances, codes or orders applicable to the Contractor furnishing and performing the work.
- This scope of work does not include Construction Management or inspection services unless specifically noted in this Scope of Work.
- Consultant shall not be responsible for any materials testing or geotechnical inspections. It is assumed that these will be covered by the City.
- Observation by Engineer of Record is not included.
- Field office and office equipment will not be provided by the Consultant. Consultant staff working in the field will utilize available space within the Construction Manager's field offices (if available) when attending onsite meetings. Control system programming and configuration services are not provided by the Consultant.

End of Scope Document

CITY OF FOLSOM

SODIUM HYPOCHLORITE STORAGE DEMOLITION AND DESIGN PROJECT FEE

		Staffing Summary										Hours	Labor	Subcontracts	Travel Expenses	Field/Misc Expenses	Project Total
	Client Position	Project Manager	Engineering Technician	Civil Engineer	Process Engineer	Sr. Process Engineer	Sr. Structural Engineer	I&C Engineer	Electrical Engineer	Structural Engineer	Electrical Engineer						
	Discipline	PM&S - Project Management	EDS - Virtual Design & Data	EDS - Civil	EDS - Process Engineering	EDS - Process Engineering	EDS - Structural	EDS - Instrumentation &	EDS - Electrical	EDS - Structural	EDS - Electrical						
	Sub-Discipline	PM - PM	VDDS - Design Coord	Civil - Treatment Facilities	Proc Eng - Wastewater	Proc Eng - Wastewater	Struct - Struct	I&C - Instrumentation,	Elec - Low/Medium	Struct - Struct	Elec - Low/Medium						
	Additional Information																
	HOURS\COST TOTALS IN USD \$:	34	44	98	114	44	27	109	23	59	56	608		\$	-		
	BILLING RATE IN USD \$\MARKUP:	\$ 376.27	\$ 188.25	\$ 171.87	\$ 171.87	\$ 302.91	\$ 302.91	\$ 302.91	\$ 171.87	\$ 234.19	\$ 171.87						
	CONTRACT TOTALS IN USD \$:	\$ 12,793	\$ 8,283	\$ 16,843	\$ 19,593	\$ 13,328	\$ 8,179	\$ 33,017	\$ 3,953	\$ 13,817	\$ 9,625		\$ 139,432	\$ -	\$ -	\$ -	\$ 139,432
Task	Description																
Task 1	Task 1 - Project Management																
1/.01	Kickoff Mtg	2		2								4	\$ 1,096				\$ 1,096
1/.02	100% Draft Design Review Mtg	2		2				1				5	\$ 1,399				\$ 1,399
1/.03	Site Visits	4		4				1	1			10	\$ 2,667				\$ 2,667
1/.04	100% Design Review Mtg	2		2								4	\$ 1,096				\$ 1,096
1/.05	Progress Status Conference Call	4		2				1	1			8	\$ 2,324				\$ 2,324
1/.06	Invoicing	11										11	\$ 4,139				\$ 4,139
	Task 1 Subtotals	25		12				3	2			42	\$ 12,722				\$ 12,722
Task 2	Task 2 - Detailed Design																
2/.01	Client Initiated Design Change			4	13	2		11		9		39	\$ 8,967				\$ 8,967
2/.02	100% Design		44	27	44	7	11	42	7	27	33	242	\$ 51,858				\$ 51,858
2/.03	QA/QC	9				9	2	4	4			28	\$ 8,618				\$ 8,618
	Task 2 Subtotals	9	44	31	57	18	13	57	11	36	33	309	\$ 69,443				\$ 69,443
Task 4	Task 4a - Engineering Services During Construction																
4/.01	Shop Drawing Review (4a)			7	29	3	2	9	2	7	9	68	\$ 13,958				\$ 13,958
4/.02	RFIs (4a)			7	4	1	1	9		4	4	30	\$ 6,847				\$ 6,847
4/.03	Prepare Design Changes (2)			4				1	9		4	22	\$ 5,341				\$ 5,341
4/.04	Review and Evaluate Change Orders (4a)			4			1	9		4	2	20	\$ 4,997				\$ 4,997
4/.05	Conformed Drawings (4a)			11	2		1	9		4	4	31	\$ 6,888				\$ 6,888
	Task 4 Subtotals			33	35	4	6	45	2	23	23	171	\$ 38,030				\$ 38,030
Task 5	Task 4b - Engineering Services During Construction																
5/.01	Shop Drawing Review (4b)			11	11	11	4	2	4			43	\$ 9,618				\$ 9,618
5/.02	RFIs (4b)			11	11	11	4	2	4			43	\$ 9,618				\$ 9,618
	Task 5 Subtotals			22	22	22	8	4	8			86	\$ 19,236				\$ 19,236

Attachment 9

Memo



CITY OF
FOLSOM

To: Christa Freemantle, City Clerk

From: Marcus Yasutake, Utilities Director

Date: October 7, 2026

Subject: **Waiver of Bid – Rain for Rent – Chemical Storage Tank Rental.**

This shall serve as a “Waiver of Bid Notification” for Sole Source Procurement for a required service, as required by Section 2.36.140 of the Folsom Municipal Code.

The City of Folsom’s Water Treatment Plant (WTP) currently has two (2) 12.5% Fiber Reinforced Polymer (FRP) Tanks for the storage of Sodium Hypochlorite. As of September 10th, 2026, both tanks are actively leaking, requiring immediate replacement.

Purchase of replacement tanks has been authorized through a Waiver of Bid for Emergency Procurement which was signed by the City Manager on September 29, 2026.

The WTP Caustic Soda System Project is currently under construction at the WTP, with an on-site project team comprised of:

- Black & Veatch Corporation (Design and Construction Administration Services).
- Infrerra Construction Management Group (Construction Management and Inspection Services).
- BWD Construction, Inc. dba BWD General Engineering Contractors (Construction).

The Utilities Department proposes utilizing this same project team for installation of the replacement tanks.

Use of temporary tanks during construction work associated with the installation of the new tanks will increase contractor production efficiency. Therefore, Utilities Department staff requested quotes from three companies for rental of chemical storage tanks. Rain for Rent was the only company that responded to this request. United Rentals and E-tanks were non-responsive.

The proposal provided by Rain for Rent, which covers a rental period of 2 months, is attached. The estimated rental cost of 2 tanks (excluding tax) is \$2,793.47 per month, plus one-time delivery, installation, removal and service fees totaling \$3,106.80. The

Memo



CITY OF
FOLSOM

Utilities Departments anticipates a rental period of no more than six months, at a cost not to exceed \$21,500.00.

The Utilities Department requests approval of this Waiver of Bid to allow the department to confirm the order for rental of the tanks, when needed.

The Water Operating Fund (Fund 520) will fully fund the costs associated with rental of the tanks. The Utilities Department will present a staff report for the WTP Caustic Soda System Project to the City Council on October 27, 2026 which will include a request for appropriation of \$21,500 into the Water Operating Fund (Fund 520) to cover the costs associated with the rental of the temporary chemical storage tanks.

Marcus Yasutake, Utilities Director

Date

Stacey Tamagni, Finance Director

Date

Sari Myers Dierking, City Attorney

Date

Bryan Whitemyer, City Manager

Date

cc: City Clerk, Original
City Manager
Chron File

Attachment

Proposal from Rain For Rent for rental of two chemical storage tanks



Rain For Rent

5301 Live Oak Avenue
Oakley, CA, 94561
925-679-2803
rainforrent.com
blindley@rainforrent.com

CITY OF FOLSOM

Account: 105843
50 NATOMA STREET
FOLSOM, CA, 95630
Bryson Pearson
530-363-8044
bpearson@folsom.ca.us

Dear Bryson Pearson,

Thank you for your inquiry. As requested, please find attached our proposal 1045-IND-2242576 for Sodium Hypochlorite Storage. We value this opportunity to provide a solution for your liquid handling need and we are committed to partnering with you to ensure your project's safe execution and completion.

To convert this proposal into a confirmed order WITHOUT ANY CHANGES, please click the "Start Signing" button to begin the electronic signature process.

If you would like to CHANGE anything in this proposal or discuss anything further, please call Brian Lindley at 925-679-2803.

Thank you, and I look forward to working with you.

Regards,

Brian Lindley
blindley@rainforrent.com
Mobile: 916-666-9585
Branch: 925-679-2803
5301 Live Oak Avenue
Oakley, CA, 94561



Project Name	Sodium Hypochlorite Storage	Jobsite	Sodium Hypochlorite Storage
Date Prepared	10/1/2026	Est. Delivery Date	11/2/2026
Prevailing Wage	Yes	Est. Completion Date	1/4/2027

Project Location
194 Randall Dr Folsom, CA, 95630

Project Description and Overview

PROJECT OVERVIEW

Customer requesting 2 6900 OR1000 Poly Tanks with 4" hoses

STATEMENT OF WORK

RFR Responsibilities & Scope of Work

Rain for Rent (RFR) will provide the following:

Delivery, installation, removal, pickup of all quoted materials/equipment

Due to the multitude of economic factors, materials, labor, hauling and freight are currently in a period of above average volatility. If, during the performance of work, the price of materials, labor, hauling or freight increases by 5% or greater through no fault of Rain for Rent, the contract price shall be equitably adjusted by an amount reasonably necessary to cover any such price increases. Equipment subject to availability at time of project.

Reference Materials

Project is quoted based on applicable/customer provided reference materials noted below:

Engineering Documents Zoho Ticket # - 194149

Verbal / Written Request 10/1/26 from Bryson Pearson

Operating Parameters

Material Stored Sodium Hypochlorite Material % 12.5% Temperature ambient pH 11.5-13 Quantity/Volume approx. 12K gallons Specific Gravity 1.195

Temperature in our poly tanks cannot exceed 100F.

This Recommendation is based upon the best knowledge available to us, however the customer is ultimately responsible for any damage incurred. The customer retains all liability associated with the application, including, but not limited to, all federal, state, and local regulations, as well as, all site and facility specific requirements.

Customer Responsibilities

It is the customer's responsibility to inform RFR about prevailing wage at time of proposal. If RFR is informed after the quote is issued that certified payroll is required, quote will be subject to additional charges.

Jobsite:

Customer is responsible for:

1. Informing RFR of any jobsite or general requirement(s) to perform work on location.
2. Securing permits, fees, bonding, right of ways, vehicular/pedestrian traffic control, and security.
3. Providing safe, secure access and egress to an adequate staging area throughout the job which could include brush clearing, grading, and removal or replacement of any landscape or hardscape in the temporary right of way for the equipment.
4. Any damage to the environment including trees, vegetation, stream banks, or any other part of the site caused by the installation, removal, construction, pulling or dragging of equipment, or operation of the equipment that would require site restoration or environmental



countermeasures.

- Any excavation, saw cutting, trench plating for the purpose of road crossings, backfilling, restoration, modification, or alteration of any permanent structure or site element including changes to pump pad preparation, suction, or discharge chambers during duration of job (including installation and removal).

Upon Delivery

- Customer is responsible for inspecting equipment for function and cleanliness. If equipment is deemed unsatisfactory, it is the customer's responsibility to refuse equipment and request replacement. If not refused or rejected, the customer accepts "as is" condition of equipment.
- Customer will provide suitable, safe access and laydown location for the equipment being delivered.
- Tank delivery requires DOT minimum height / width clearance.

System:

- RFR will provide dedicated equipment with operator and fuel to perform all needed unloading and reloading of provided equipment/system.
- If installation provided by RFR and Customer is operating system, this Transfer of Operation form will need to be reviewed and signed by both parties upon completion of setup. (sample form only): <https://rainforrentcorp.box.com/v/systemtransferoperation>
- Customer will supply all needed water for the commissioning, startup, and system testing. Project-specific criteria for hydrotesting can be provided at an additional charge.
- By accepting this quotation, the customer has acknowledged that the equipment proposed herein is suitable for its intended application and accepts all liabilities associated with its use. Customer is responsible for compliance with appropriate liquid/material quality standards, regulations, and testing protocols to meet all federal, state, local and job location specific requirements. Customer is responsible for all waste materials associated with this equipment/system.

Customer is responsible for:

- Any work in confined spaces.
- Protecting system from damage including any freeze protection necessary to safeguard equipment from damage. Should equipment become frozen and damaged, customer is responsible for repair of equipment. RFR can provide necessary freeze protection at an additional charge per executed change order. Equipment stays on rent until it can be returned.
- Using equipment in a safe and proper manner in accordance with manufacturers' recommendations, regulatory standards, and industry best practices. Improper usage may cause equipment/system failure, damage, possible incidents, injuries, and spills.

Upon Release

- Customer is responsible for unbolting at least front hatch door, opening fill tube caps and valves for inspection.

Upon Pickup:

Contact the RFR office at 925-679-2803 to schedule pickup when equipment/system is cleaned and ready to be released.

Flushing and cleaning of equipment must be performed to RFR's standards prior to being called off rent. RFR personnel will perform a visual inspection. It is recommended to have a customer representative on-site during inspection. Equipment found not to be in "delivered condition" will not be picked up.

Project Scheduling & Billing

This quote is valid for 30 days. For the quoted items, RFR requires a signed quote not less than 14 days prior to delivery.

Estimated schedule durations:

Mobilization: 1 Day
Installation: 1 Day
Operation: Approx. 2 months
Removal: 1 Day
Demobilization: 1 Day
System Rental Duration: Approx. 2 months

Customer acknowledges that availability of equipment/system and/or media will be confirmed at time of order. Additional freight charges may apply subject to mutually agreed upon change order.

Billing

This is an estimate only. Actual Time and Material used for this job will be billed to the customer.

A minimum 2 hour charge will be assessed in the event the crew is at site and weather forces cancellation of work for remainder of day.

Rain for Rent's standard hours of operation are 7:30am – 4:00pm Monday – Friday. Time outside of normal business hours will be billed at 1.5x the base rate for Transportation and Service



Rain For Rent
Sales Rep: Brian Lindley

CITY OF FOLSOM
Account: 105843
Proposal: 1045-IND-2242576

Safety

Each employee is expected to adhere to the RFR Environmental, Health and Safety programs, which will protect the environment, the health and safety of the customer, employees, and others. RFR asks for your full cooperation to succeed in this expected outcome.



Rain For Rent
Sales Rep: Brian Lindley

CITY OF FOLSOM
Account: 105843
Proposal: 1045-IND-2242576

RENTAL ITEMS								
Qty	Units	Duration	Item	Description	Day	Week	Cycle	Extension
2	Each	56 Days	660551	Tank Poly 6900 Gallon Acid	\$42.21			\$4,727.52
2	Each	2 Cycles	BE00998	Adapter Reducing 4"x3" Male Cam x MIPT	\$11.66	\$11.66	\$23.31	\$93.24
2	Each	2 Cycles	722934	Hose 4"x20' HD Tank Truck Camlock 150#	\$73.79	\$73.79	\$147.58	\$590.32
Rental Subtotal								\$5,411.08

SERVICE ITEMS	
Description	Price
DELIVERY	\$1,006.40
INSTALL	\$440.00
REMOVE	\$440.00
PICKUP	\$1,006.40
SERVICE	\$214.00
Service Subtotal	\$3,106.80



PROJECT COSTS		
Estimated Rental Total		\$5,411.08
Estimated Environmental Recovery Fees		\$175.86
Total Estimated Recurring Charges		\$5,586.94
SERVICES		
Estimated Delivery		\$1,006.40
Estimated Installation		\$440.00
Estimated Removal		\$440.00
Estimated Pickup		\$1,006.40
Estimated Services		\$214.00
GRAND TOTAL		\$8,693.74

-Estimated costs do not include taxes

-Recurring rental project costs will be on a cycle/week/day basis+ tax

Engine driven equipment will be delivered with at least 50% fuel. A Fuel Convenience Charge will be implemented on a per gallon basis up to the delivered fuel level. Customer acknowledges that the Fuel Convenience Charge is not a retail sale of fuel. Customer may avoid the Fuel Convenience Charge if the Customer returns the Equipment at delivered level. The fuel convenience fee will be charged per gallon. No refunds will be given for a higher level of fuel upon return.

Customer Name

Customer Signature

Date

Proposal Acknowledgement

By signing this proposal, customer represents that he/she has read and agreed to both the Statement of Work and Quote Agreement sections, and is also agreeing to the grand total amount listed above, plus any recommended optional items if accepted and initialed. If customer requires a Purchase Order number to process and submit payment, it must be supplied to Rain for Rent at the time of acceptance of this proposal.

PO Number:

Rental Protection Plan

I have received and reviewed the Rental Protection Plan Agreement incorporated as the last page of this estimate. By initialing this paragraph, I understand that I am agreeing to enter into and be bound by the terms of the Rental Protection Plan Program Agreement and that I am authorized to enter into this Agreement on behalf of Customer. FOR ALL RENTALS OF EQUIPMENT, EXCEPT THOSE SPECIFICALLY EXCLUDED, YOU MAY EITHER SHOW PROOF OF PROPERTY INSURANCE IN ACCORDANCE WITH INSURANCE REQUIREMENTS AND RENTAL AGREEMENT OR PURCHASE THE RENTAL PROTECTION. THE PURCHASE OF THE RENTAL PROTECTION PLAN FOR RENTALS OF EQUIPMENT IS NOT MANDATORY AND MAY BE DECLINED IF YOU HAVE PROOF OF ALL RISK PROPERTY INSURANCE AS REQUIRED BY CONTRACT.

RPP	\$811.67	Accept	Decline
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INITIAL

Created Date: 10/1/2026



Quote Agreement

If Customer has entered into a Master Service Agreement with Rain for Rent and there is a conflict between these terms and conditions of this Quotation Agreement and the Customer's Master Service Agreement, then the terms and conditions in the Customer's Master Service Agreement signed by Rain for Rent will prevail. Availability of products and services is subject to change without notice. Payment terms are net 30 days from invoice date. Interest at the rate of 18% per year shall be charged on any past due invoice. Rain for Rent applies a processing fee on credit card transactions. The processing fee amount does not exceed our cost of accepting credit cards as required by the card brands. To avoid this fee, choose an alternative payment method (e.g. ACH). A Fuel Surcharge will be calculated and invoiced based on the diesel fuel price as published by the Department of Energy on <https://www.eia.gov/petroleum/gasdiesel>. An Environmental Recovery Fee shall apply to all rental charges invoiced for the duration of the rental pursuant to this quote/Estimate to help offset direct and indirect costs associated with regulatory compliance, obtaining permits, and obtaining licenses. California Air Quality Fee will be added to the cost of diesel pumps used in California only. This is a State mandated fee. Customer is prohibited from deducting retention from Rain for Rent invoices and charging Rain for Rent liquidated damages. Customer is responsible for flushing and cleaning tanks, roll off boxes, pipelines, pumps, filters and other Rain for Rent equipment prior to return unless specifically agreed to by both parties in writing. The Terms and Conditions of the Rain For Rent Rental and Hazardous Material and/or Non-Hazardous Waste Agreement, Credit Application/Master Rental & Sales Agreement, Invoice and this Quotation (also known as the Rain for Rent Rental/Sale Estimate as may be referenced in any Master Service Agreement, Blanket Purchase Order, or any other contractual document executed between the parties) contain the complete and final agreement between Rain for Rent and Customer and no other agreement in any way modifying or adding to any of said Terms and Conditions will be binding upon Rain for Rent unless made in writing and signed by a Rain for Rent Corporate Officer or Rain for Rent authorized representative. The Customer cannot alter the equipment without Rain for Rent's prior written approval. Customer is responsible for equipment, repairs, maintenance and damage, excluding normal wear and tear or damage caused by Rain for Rent. Rain for Rent will service all engine driven equipment at 400 hours of runtime or as required by manufacturer specifications, if less than 400 hours. Labor will be billed on a time and materials basis, portal to portal from nearest Rain for Rent location. Prorated billing will occur if rental is returned prior to 400 hours. All returned equipment is subject to inspection by Rain for Rent personnel. Damages and accrued rent will be invoiced to Customer while equipment is out of service for repairs. The Customer is responsible for damage caused by reactive, corrosive or abrasive material; including, but not limited to sand, sodium hydroxide, chlorine, and acids. Customer must notify Rain for Rent immediately of any spill so that any necessary repairs to the system can be made and to minimize service interruption. The Customer assumes all risks of loss due to operation and use of the equipment. Customer will provide "all risk" property insurance for rented equipment. Customer shall pay Rain for Rent additional expenses caused by unforeseen or changing conditions, including, but not limited to, soil, underground conditions, rock formations, environmental conditions, weather events, regulations or restrictions, hard pan, boulders, cesspools, gas lines, waterlines, drain pipes, underground electrical conduits or other above ground or underground obstructions. All equipment rented or used products sold are provided "AS IS, WHERE IS" in their present condition. Rain for Rent makes no warranties, expressed or implied of any kind whatsoever with respect to the equipment or products. Sold equipment is not to be rented. Customer agrees that customer is renting equipment or purchasing used products based on their judgment and evaluation, without reliance upon any statements of representations by Rain for Rent, and that Rain for Rent is not responsible for any defects in their operation or for any repairs, parts or services, unless otherwise noted. All new products sold are provided without warranty beyond the terms of such warranty offered by the manufacturer, if any. Customer must comply with all original manufacturer's terms and conditions for any warranty claims that may arise. Neither Rain for Rent nor the manufacturer warrants the product if it has failed due to corrosion, misuse or damage; (2) it has been altered, repaired or modified in any way that would adversely affect its operation; or (3) it was installed or operated other than in accordance with manufacturer's operating instructions. Products supplied by Rain for Rent are warranted to be free from any defect in workmanship and material under conditions of normal use and service. Rain for Rent's obligation under this warranty is limited to replacing or repairing at the designated manufacturer's or Rain for Rent facility any part or parts returned to it with transportation charges prepaid, which Rain for Rent determines in its sole discretion to be defective. This Quotation excludes any additional costs to Rain for Rent associated with Owner Controlled Insurance (OCIP) or WRAP insurance programs that will be added to Rain for Rent's prices. De-watering, Roll-off, Vacuum boxes and similar equipment are not liquid tight. Rentee accepts full responsibility for all losses, damages and costs caused by or arising out of spills, leakage or discharge from this equipment. Rain for Rent will not be held liable for any structural or soils subsidence. This Quotation is valid for 30 days and is subject to credit approval. The prices quoted herein are based on the tariffs, duties, and import/export regulations in effect as of the date of this quotation. If, at any time after the issuance of this Quotation, there is any change in applicable tariffs, duties, taxes, surcharges, or other government-imposed costs, Rain for Rent reserves the right to adjust the quoted prices accordingly. Rain for Rent is not liable for delays caused by changes in tariffs, duties, and import/export regulations. Please be assured every effort will be made to execute the quote as written.

Rental Protection Plan Program Agreement

If you elect to maintain All Risk Property Insurance coverage, and the certificate of insurance You provide to Rain for Rent to evidence Your insurance coverage expires or is cancelled for any reason, You agree Rain for Rent may charge RPP for Your rentals until such time as You provide an acceptable and valid certificate of insurance to Rain for Rent. This Rental Protection Plan Program Agreement (this "RPP Agreement") is entered into between the undersigned Rentor and Rentee in relation to the Master Rental and Sales Agreement (MRSA) between Rentor and Rentee. If Rentee has checked or initialed, as applicable, the Rental Protection Plan Program (the "RPP Program") box on the quote, then Rentee has opted-in to the RPP Program and this RPP Agreement shall supplement the MSRA whether or not executed by Rentee. Rentee understands and agrees that the RPP Program is not insurance and that the RPP Program provides only limited coverage, as described below. 1. Cost; Deductible; Maximum Coverage; Rentee shall pay a fee equal to 15 percent (15%) of the rental charge for each covered item, which fee shall be listed on each invoice during which period Rentee has opted to participate in the RPP Program. In the event of a Covered Occurrence, as defined below, Rentee shall further be responsible for the lesser of \$500 or 10 percent (10%) of the total loss, as a deductible. The maximum coverage available under the RPP Program is \$150,000 per Covered Occurrence, whether or not there is more than one piece of equipment involved in the occurrence. 2. Coverage; The RPP Program provides coverage only for losses involving Covered Equipment, as defined below, in the following instances: fire that was not caused by Rentee's gross negligence or willful misconduct; theft for which a police report was filed, and that occurred despite Rentee's reasonable precautions to protect and secure the covered equipment; and vandalism for which a police report was filed (individually, "Covered Occurrence," and collectively, "Covered Occurrence"). The RPP Program provides coverage only for the following types of equipment: pumps, electric submersible pumps, tanks, generators, light towers, filtration, boxes, heaters, spillguards, safety products, sprinklers, hoses, pipe, valves and fittings ("Covered Equipment"). Coverage does not extend to any equipment not owned by Rentor such as re-rented equipment. 3. Exclusions; The RPP program does not cover any equipment or event of loss that is not specifically described in Section 2. Without limiting the foregoing, the RPP Program does not provide coverage for the following: misuse of equipment; willful abuse of equipment; failure to maintain equipment; failure to secure items from theft (including but not limited to failing to store items in a fenced, locked area or failing to maintain personnel on site); damage or theft while in transit to or from a jobsite; corrosion from any source; any damage caused by named storm events; any instance that occurs while the account is not in good standing, such as a default as defined in the MRSA or upon written notice of non-payment; and any occurrence not reported to Rentor within 24 hours after the occurrence. The RPP program does not provide coverage for: electronic equipment (controls, instrumentation, and wiring), flow meters, water meters, wheel wash systems & accessories, Freezesentry items, or tires. 4. Claims; All claims must be submitted within 24 hours of the Covered Occurrence. Rentor's mechanic will inspect the equipment following any claim. The mechanic's findings as to the cause of the damage and cost of repair will be final. In the event of a theft or vandalism, Rentee must also provide supporting evidence that the site was secured at the time of loss.