

CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

AGENDA REGULAR MEETING WATER BOARD

Tuesday, March 25, 2025 – 9:30 a.m.

MARGARET H. CHANDLER WATER RECLAMATION PLANT
399 CHANDLER PLACE
San Bernardino, California

WATER BOARD

TONI CALLICOTT
President

Commissioners

WAYNE HENDRIX, P.E.
DAVID E. MLYNARSKI
RIKKE V. JOHNSON
THOMAS BRICKLEY



MIGUEL J. GUERRERO, P.E.

General Manager

ROBIN L. OHAMA

Deputy General Manager

STEVE R. MILLER

Director of Water Utility

KEVIN T. STEWART, P.E.

Director of Water Reclamation

CYNTHIA J. MOUSER

Director of Finance

JENNIFER L. SHEPARDSON

Director of Environmental &
Regulatory Compliance

“Trusted, Quality Service since 1905”

Welcome to a meeting of the Water Board of the City of San Bernardino

- The City of San Bernardino Municipal Water Department recognizes its obligation to provide equal access to those individuals with disabilities. Please contact the General Manager’s Office (909-384-5191) two working days prior to the meeting for any requests for reasonable accommodation, to include interpreters.
- All documents for public review are on file with the Water Department located at 1350 South “E” Street, San Bernardino or may be accessed online at <https://www.sbmwd.org/agendacenter>
- Please turn off or mute your cell phone while the meeting is in session.
- Any member of the public desiring to speak to the Water Board concerning any matter not on the agenda, but which is within the subject matter jurisdiction of the Water Board, may address the body during the period reserved for public comments. Said total period for public comments shall not exceed forty-five (45) minutes unless such time limit is extended by the Water Board. A three-minute limitation shall apply to each member of the public unless such time limit is extended by the Water Board. No member of the public shall be permitted to “share” his/her three minutes with any other member of the public.
- The Water Board may refer any item raised by the public to staff for appropriate action or have the item placed on the next agenda of the Water Board. However, no other action shall be taken nor discussion held by the Water Board on any item which does not appear on the agenda unless the action is otherwise authorized in accordance with the provisions of subdivision (b) of Section 54954.2 of the Government Code.
- Public comments will not be received on any item on the agenda when a public hearing has been conducted and closed.

THE SAN BERNARDINO MUNICIPAL WATER DEPARTMENT ENCOURAGES THE PUBLIC TO VIEW THIS WATER BOARD MEETING ONLINE. THE MEETING WILL BE LIVE STREAMED VIA YOUTUBE AT: <https://bit.ly/YouTubeSBWater>

MEMBERS OF THE PUBLIC WHO WISH TO COMMENT ON MATTERS BEFORE THE WATER BOARD MAY PARTICIPATE IN THE FOLLOWING WAYS:

1. IF ATTENDING IN PERSON, MAY PROVIDE COMMENT AT THE APPROPRIATE TIME DICTATED BY THE AGENDA AND WATER BOARD PRESIDENT.
2. COMMENTS AND CONTACT INFORMATION MAY BE E-MAILED TO Comments@sbmwd.org BY 8:30 A.M. THE DAY OF THE SCHEDULED MEETING TO BE INCLUDED IN THE WRITTEN RECORD.

CALL TO ORDER

ROLL CALL

1. ANNOUNCEMENTS BY MEMBERS OF THE WATER BOARD
2. PUBLIC COMMENTS ON ITEMS NOT ON THE AGENDA: A three-minute limitation shall apply to each member of the public who wishes to address the Water Board of any item not listed on the agenda. There is no limit on the number of items that may be discussed within the three-minute time limit. **To be called by the Water Board President, please see special public comments instructions above.**
3. PUBLIC COMMENTS ON ITEMS LISTED ON THE AGENDA: A three-minute limitation shall apply to each member of the public who wishes to address the Water Board of any item listed on the agenda, excluding public hearings. There is no limit on the number of items that may be discussed within the three-minute time limit. **To be called by the Water Board President, please see special public comment instructions above.**
4. CONSENT CALENDAR

MOTION: That the motions indicated by consent calendar items 4A through 4E be adopted, except for _____.

MOTION: _____ SECONDED: _____

A. PAYROLL

MOTION: Approve the payroll for the pay period beginning March 10, 2025 through March 23, 2025.

B. CONTRACTS AND BILLS

MOTION: Approve the payment of contracts and bills to be presented at this meeting.

C. MINUTES

MOTION: Approve the minutes of March 11, 2025, of the Water Board.

D. APPROVAL OF REVISION TO EXISTING POLICY NO. 51.020 - MODIFICATIONS TO PROFESSIONAL SERVICES AND COMPETITIVELY BID CONTRACTS: Policy 51.020 - Modifications to Professional Services and Competitively Bid Contracts, has been revised to reflect updated procedures to contracts greater than \$250,000. The threshold for General Manager approval to change orders for these contracts has been updated to \$100,000 or 5% of the original contract cost, whichever is greater. Change orders in excess of these amounts shall require Water Board approval.

There is no fiscal impact associated with this revision.

MOTION: Approve revision of Policy No. 51.020 – Modifications to Professional Services and Competitively Bid Contracts, as submitted.

E. WELL MONITORING FOR PER AND POLYFLUOROALKYL SUBSTANCES (PFAS) – NOTIFICATION LEVEL EXCEEDANCES: The California Water Resources Control Board's Division of Drinking Water Order DW 2024-002-DDW requires the Department to monitor for PFAS analytes in their public drinking water system.

Under Health and Safety Code section 116455, as a retail water agency, the Department must inform its governing body and the governing body of any local agency whose jurisdiction includes areas supplied with drinking water by the Department within 30 days after the Department is first informed by its analytical laboratory of an exceedance.

Samples were collected on January 23, 2025 and January 28, 2025. Three (3) samples were analyzed by the laboratory on January 23, 2025, and showed the presence of Perfluorohexanesulfonic Acid (PFHxS), a PFAS analyte, above the notification level of 3.0 nanograms per liter (ng/L). Two (2) samples collected showed the presence of Perfluorooctanoic acid (PFOA) above the notification level of 4.0 nanograms per liter (ng/L).

Two samples collected on January 28, 2025, showed the presence of PFHxS above its notification level.

The Department is meeting Order DW 2024-002-DDW's requirement of informing the governing Body (Water Board) and the City of San Bernardino by posting this report for the March 25, 2025, City of San Bernardino Water Board Meeting.
(INFORMATION ITEM ONLY)

DISCUSSION ITEMS

5. PRESENTATION OF RESOLUTION NO. 2025-003: Resolution No. 2025-003, recognizing Johnny Garcia, for more than thirty-three years of dedicated service to the City of San Bernardino Municipal Water Department. **(PRESENTATION ONLY)**

6. WATER FACILITIES RELOCATION PROJECT UPDATE: Engineering staff will be presenting an update to the Water Board on the Water Facilities Relocation Project. **(PRESENTATION ONLY)**

7. REPORTS:

- A. Report of the President
- B. Report of the Commissioners
- C. Report of the Directors
- D. Report of the General Manager

8. WATER FACILITIES RELOCATION PROJECT SITE VISIT: Staff will conduct a guided tour of the Water Facilities Relocation site for the Water Board and anyone from the public who wishes to attend.

Those who would like to take the tour are encouraged to attend the Water Board meeting located at the Margaret H. Chandler Water Reclamation Plant – 399 Chandler Place, San Bernardino, CA., at 9:30 a.m. The site visit will commence at the end of the meeting at 397 Chandler Place, San Bernardino, CA.

9. ADJOURNMENT

Meeting will be adjourned at the conclusion of the project site visit.

The next regular meeting is scheduled for *9:30 a.m., April 8, 2025*, at The Margaret H. Chandler Water Reclamation Plant, 399 Chandler Place, San Bernardino, CA 92408.



**City of San Bernardino
Municipal Water Department**

399 Chandler Place
San Bernardino, CA 92408
<http://www.sbcitywater.org>

*President Cecilia "Toni"
Callicott*

Commissioners

*Wayne Hendrix
David Mlynarski
Rikke Johnson
Thomas Brickley*

MINUTES

FOR THE
WATER BOARD OF THE CITY OF SAN BERNARDINO

MARCH 11, 2025

CALL TO ORDER

The Regular Meeting of the Water Board of the City of San Bernardino was called to order by President Toni Callicott at 9:30 AM, Tuesday, March 11, 2025, in-person and livestream via YouTube.

ROLL CALL

Attendee Name	Title	Status	Arrived
Cecilia "Toni" Callicott	President	Present	9:30 AM
Wayne Hendrix	Vice President	Absent	N/A
David Mlynarski	Board Member	Present	9:30 AM
Rikke Johnson	Board Member	Present	9:30 AM
Thomas Brickley	Board Member	Absent	N/A
Miguel Guerrero	General Manager	Present	9:30 AM

1. **ANNOUNCEMENTS BY THE BOARD:** None.

2. **PUBLIC COMMENTS ON ITEMS NOT ON THE AGENDA:**

Valley District Board Member, Susan Longville, invited the Water Board and Department staff to attend the following two (2) events hosted by Valley District:

- Foundations Summit on April 10-11, 2025 at San Bernardino Valley Headquarters.
- State Water Project Tour on June 6-8, 2025 in Northern California.

Anna Zavala submitted a Public Comment via e-mail and was added to the March 11, 2025 Minutes.

3. PUBLIC COMMENTS ON ITEMS LISTED ON THE AGENDA: None.

4. CONSENT CALENDAR – ITEMS 4A THROUGH 4E:

A. PAYROLL:

	<u>Water Fund</u>	<u>Sewer Treatment</u>	<u>Total</u>
Claims:3011809- 3011963			
Accounts Payable	\$2,005,087.94	\$2,681,456.09	\$4,686,544.03
Gross Payroll 02/11/25-02/23/25	<u>\$452,867.52</u>	<u>\$437,909.59</u>	<u>\$890,777.11</u>
TOTALS	<u>\$2,457,955.46</u>	<u>\$3,119,365.68</u>	<u>\$5,577,321.14</u>

Payroll for the pay period beginning February 24, 2025 through March 9, 2025.

B. CONTRACTS AND BILLS: Contracts and bills presented at this meeting.

C. MINUTES: February 25, 2025.

D. REPORT ON WATER DEPARTMENT INVESTMENTS – QUARTER ENDING DECEMBER 31, 2024: Staff recommended that the Water Board receive and file the Investment Report for the quarter ending December 31, 2024, as submitted.

E. APPROVE POLICY 61.060 - SAN BERNARDINO MUNICIPAL WATER DEPARTMENT (SBMWD) GENERATIVE ARTIFICIAL INTELLIGENCE (AI) POLICY: The use of AI in the workplace must align with legal requirements, SBMWD Policies and Procedures as well as ethical considerations including minimizing risks around AI bias, privacy and cybersecurity.

This new policy provided a framework to ensure AI technologies were used safely, transparently, and in compliance with applicable laws, SBMWD Policies and Procedures and public sector best practices.

MOTION: Policy 61.060 - *San Bernardino Municipal Water Department (SBMWD) Generative Artificial Intelligence (AI) Policy* was approved, as submitted.

RESULT: APPROVED 3-0 BY ROLL CALL VOTE W/ 2 ABSENT
MOVER: R. Johnson
SECONDER: D. Mlynarski
ABSTAINED: N/A
ABSENT: W. Hendrix; T. Brickley

DISCUSSION ITEMS

5. **APPROVAL OF MICROSOFT GOVERNMENT COMMUNITY CLOUD (GCC) 3-YEAR RENEWAL AGREEMENT FOR SECURE EMAIL, OFFICE 365, TEAMS, AND COLLABORATION TOOLS:** The San Bernardino Municipal Water Department (SBMWD) currently utilizes Microsoft Government Community Cloud (GCC) services, which provided a comprehensive suite of cloud-based applications essential for daily operations, communication, and collaboration.

The existing agreement was set to expire, and a 3-year renewal was required to ensure uninterrupted access to several Microsoft services. This renewal aligned with SBMWD's operational needs, allowing employees to work efficiently while leveraging Microsoft's cloud infrastructure for secure and scalable enterprise solutions.

The funding source for this renewal was the FY 24/25 Budget - *Software Licensing Account* (Account No. 101040-5601), which had sufficient funds allocated for the continuation of Microsoft GCC services. The total cost for the renewal was \$279,618.45 for a 3-year agreement.

Commissioner Mlynarski asked if this service would come with IT support services.

Reza Hosseini, Information Technology Manager, stated that this agreement would come with IT support.

MOTION: Approve the renewal of the Microsoft GCC service for a 3-year period at a total cost of TWO HUNDRED SEVENTY-NINE THOUSAND SIX HUNDRED EIGHTEEN DOLLARS AND 45/100 (\$279,618.45). The General Manager was authorized to negotiate and execute the necessary agreements with Microsoft.

RESULT: APPROVED 3-0 BY ROLL CALL VOTE W/ 2 ABSENT
MOVER: D. Mlynarski
SECONDER: R. Johnson
ABSTAINED: N/A
ABSENT: W. Hendrix; T. Brickley

6. **APPROVAL OF PROFESSIONAL SERVICES AGREEMENT WITH ALLIANT INSURANCE SERVICES CONTRACT NO. 1860:** The San Bernardino Municipal Water Department (SBMWD) utilized Alliant Insurance Services (Alliant) as employee benefits consultants since 2014. Alliant provided excellent support to the Department in an ever-changing benefits landscape and was instrumental in helping SBMWD join the Public Risk Innovation, Solutions and Management (PRISM) risk management pool.

The original agreement provided for a one (1) year term renewable for two (2) one (1) year terms at a cost of \$66,000 per year. Due to administrative oversight from both parties this agreement has remained in place since that time with no price increases.

This Professional Services Agreement updated language to comport with current approved contract standards. The initial one-year term at \$76,000 per year was retroactive to January 1, 2025 ("Effective Date"). The agreement was renewable for no more than three (3) additional one (1) year terms with 2% per year increases if renewed.

The funding source for this renewal was split equally between the FY 2024/25 Budget – *Medical Insurance Administration*, Account No. 103090-5223 and FY 2024/25 Budget – *Medical Insurance Administration*, Account No. 204090-5223. There were sufficient funds allocated for continuation for the remainder of this fiscal year.

MOTION: Approve the renewal of the Alliant Insurance Services agreement at a total cost of SEVENTY-SIX THOUSAND DOLLARS AND 00/100 (\$76,000.00). The General Manager was authorized to execute the agreement with Alliant.

RESULT:	APPROVED 3-0 BY ROLL CALL VOTE W/ 2 ABSENT
MOVER:	R. Johnson
SECONDER:	D. Mlynarski
ABSTAINED:	N/A
ABSENT:	W. Hendrix; T. Brickley

7. **APPROVAL OF EPA 109 WELL REHABILITATION BY BEST DRILLING AND PUMP, INC.:** Extraction well EPA No. 109 was operated as part of the Muscoy Operable Unit (OU) Remedial Action under the terms negotiated with the United Environmental Protection Agency (USEPA). The purpose of EPA 109 was to inhibit further migration of PCE and TCE in the shallow aquifer. As was the case with all Remedial Action wells, proper and consistent operation of EPA No. 109 was critical in maintaining plume capture, and therefore down time should be minimized.

The well was pulled and offline and the work to be completed included replacing the existing vertical turbine pump, the water-lubricated discharge head, columns, shafts, and retainers. In January 2025, staff issued a Request for Qualifications (RFQ) to furnish all labor, equipment, and materials for the Rehabilitation of EPA Well 109.

As a result, four (4) well rehabilitation contractors were prequalified and submitted quotations. Best Drilling was responsive and provided the lowest quotation in the amount of \$185,515.00.

Staff recommended approval of this expenditure of \$185,515.00 from existing funds in the Fiscal Year 2024/2025 Capital Budget under *Annual R/R - Wells*, with available funding of approximately \$384,000.00. This expenditure would be 100 percent reimbursable through the AIG commutation account.

MOTION: Accept the bid of Best Drilling and Pump, Inc., as the lowest, responsive, responsible bidder for the EPA Well 109 Rehabilitation Project and award a Short-Term Construction Agreement in the amount of ONE HUNDRED EIGHTY-FIVE THOUSAND FIVE HUNDRED FIFTEEN AND 00/100 (\$185,515.00). The General Manager was authorized to execute the Agreement.

RESULT:	APPROVED 3-0 BY ROLL CALL VOTE W/ 2 ABSENT
MOVER:	D. Mlynarski
SECONDER:	R. Johnson
ABSTAINED:	N/A
ABSENT:	W. Hendrix; T. Brickley

8. REPORTS:

A. Report of the President –

1. President Callicott commended a work crew that she encountered within the City and stated that Hector Ornelas, Water Utility Lead Worker, was a wonderful representative of the Department.
2. President Callicott thanked Department staff for promoting its Water Board President by supporting her over the last two weeks when she was honored with a “Sheroes Award” from San Bernardino County Supervisor, Joe Baca Jr., and a “Woman of Distinction Award” from California State Senator Eloise Reyes.

B. Report of the Commissioners –

1. Commissioner Mlynarski stated that he attended the 2x2x2 Regional Recycled Water Ad Hoc Committee meeting on March 5, 2025.

Commissioner Mlynarski stated that it was a good chance to meet with other Valley District, Redlands, and East Valley Water District and everyone received a good update from all of the agencies.

General Manager Guerrero stated that the ad hoc committee was in the final stages of completing a feasibility study.

2. Commissioner Johnson reported that he attended the last Mayor & City Council meeting and would like to welcome Interim City Manager, Bill Gallardo, to the City.

Commissioner Johnson stated that Mr. Gallardo posted a survey on the City's website encouraging residents of San Bernardino to give their views on what qualities they would like in a City Manager.

C. Report of the Directors –

1. Deputy General Manager Ohama stated that the Water Conservation section would be attending the following event:

- District 50 Open House, hosted by Assemblymember Robert Garcia, on Friday, March 21, 2025, in Rancho Cucamonga.

D. Report of the General Manager –

1. General Manager Guerrero stated that the Employee Appreciation Breakfast would be on Wednesday, March 12, 2025.
2. General Manager Guerrero stated that staff would be updating the Water Board on the New Facilities Relocation Project at the next meeting, followed by a tour of the facility.

9. ADJOURNMENT

The next regular meeting of the Water Board was scheduled for *9:30 a.m., March 25, 2025*, at The Margaret H. Chandler Water Reclamation Plant, 399 Chandler Place, San Bernardino, CA 92408.

By: _____
Miguel J. Guerrero
General Manager

Amy Smith

From: Anna <annabebanna@yahoo.com>
Sent: Monday, March 10, 2025 4:54 PM
To: Comments
Subject: Comments for Water Board Meeting 03-11-2025

CAUTION: This message has originated from an External Source. Please, use extra caution when opening attachments, clicking links, or responding to this email.

Warning: Unusual sender <annabebanna@yahoo.com>

You don't usually receive emails from this address.
Make sure you trust this sender before taking any actions.

Hello,

As you know our home was destroyed due to the City Sewer Line. That night it all happened; Ashleigh was there when Rotor Rooter was there saying they can start mitigation process and to email their bill to her which they did. Ashleigh told them and us to do what was needed to make us whole again to get our house back to pre condition. Ashleigh also spoke and emailed with CRDN; the pack out company. We had to sign contracts to allow them into our home to start work.

These companies are now being sent letters that The City is not responsible for payment because they did not sign the contracts but yet had contact with the city of what was being done and how much it would be. We only signed because they had to get into our home and the relationship/communication was built with the city.

These two companies are now sending us to collections and putting a lien on our home. We are begging for payment to be sent to them. How is this even negotiable when these are services that needed to be done?

We are on pins and needles daily.

Our home is just sitting there in limbo. The City keeps trying to push me and these companies to file with my home insurance when I have repeatedly told everyone they do not cover this type of damage.

This has been a nightmare and all we want is our home to be fixed and not in limbo. Can we at least get the portion paid of what work has been completed so these companies will not file a lien on our home? We should not be in this position of being worried sick about all this.

Thank you,
Anna Zavala

CITY OF SAN BERNARDINO
MUNICIPAL WATER DEPARTMENT
WATER BOARD
STAFF REPORT

Received 03.18.25
SBMWD
General Manager

TO: Miguel J. Guerrero, P.E., General Manager 
FROM: Cynthia Mouser, Director of Finance
SUBJECT: **APPROVAL OF REVISION TO EXISTING POLICY NO. 51.020 -
MODIFICATIONS TO PROFESSIONAL SERVICES AND
COMPETITIVELY BID CONTRACTS**
DATE: March 17, 2025

BACKGROUND:

On September 24, 2024, the Water Board approved the fifth revision to *Policy 51.020 - Modifications to Professional Services and Competitively Bid Contracts* (Policy 51.020), clarifying the approval limits and process for change orders to contracts under \$100,000.

Staff recently reviewed the policy to ensure effectiveness and alignment with like agencies and municipalities. As a result of this review, Policy 51.020 has been revised to reflect updated procedures to contracts greater than \$250,000. The threshold for General Manager approval to change orders for these contracts has been updated to \$100,000 or 5% of the original contract cost, whichever is greater. Change orders in excess of these amounts shall require Water Board approval.

GOALS AND OBJECTIVES:

This revision aligns with the Department's Strategic Plan under Target #5: *Fiscal Responsibility*. This action is also consistent with the Department's Key Values, specifically to "require ethical business practices."

FISCAL IMPACT:

There is no fiscal impact associated with this revision.

RECOMMENDATION:

It is recommended that the Water Board make the following motion:

- Approve revision of Policy No. 51.020 – Modifications to Professional Services and Competitively Bid Contracts

Respectfully submitted,



Cynthia Mouser
Director of Finance

Attachments: Policy 51.020- Modifications to Professional Services and Competitively Bid Contracts
(Redline version and Final Draft)

SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

POLICIES & PROCEDURES MANUAL

POLICY 51.020 - MODIFICATIONS TO PROFESSIONAL SERVICES AND COMPETITIVELY BID CONTRACTS

Date: ~~September 24, 2024~~

March 25, 2025

Revision: 56

Supersedes: October 2023

First Adopted: August 18, 1992

SECTION 1: Contracts Subject to This Policy

All Change Orders for existing contracts for both professional services and construction, entered into by the Department, shall be subject to the modification procedures contained in this policy. All Change Order approvals shall be in writing.

SECTION 2: Approval of Change Orders for Professional Services and Competitively Bid Contracts

~~A.~~

A. Contracts Under \$100,000.00

1. The General Manager may approve modifications to the plans and specifications and contract documents by means of a ~~Change Order~~ change order if the cost or estimated cost of such modifications do not exceed 50% of the original contract price.

~~Any Change Order in excess of 50% of the original contract price, or~~

2. Cumulative change orders which ~~causes~~ cause the contract price to exceed \$100,000.00 shall require Water Board approval. ~~Cumulative Change Orders in excess of these amounts shall require Water Board approval.~~

B. _____

B. Contracts Between \$100,000.00 - \$250,000.00

1. The General Manager may approve modifications to the plans and specifications and contract documents by means of a ~~Change Order~~ change order if the cost or estimated costs of such ~~Change Order~~ change order does not exceed \$100,000.00 or 50% of the original contract, whichever is less.

~~Any Change Order~~

2. Cumulative change orders in excess of \$100,000.00 or 50%, whichever is less, shall require Water Board approval. ~~Cumulative Change Orders in excess of these amounts shall require Water Board approval.~~

C. ~~C.~~ Contracts Greater than \$250,000.00

- ~~1. The General Manager may approve modifications to change orders for Capital Improvement Projects and Professional Services Contracts provided the plans and specifications and contract documents by means of a Change Order if changed work is within the cost or estimated costs of such Change Orders scope of the project approved by the Board and: the cumulative total for all change orders does not exceed \$100,000.00, plus or 5% of the original contract cost in excess of \$250,000.00. In no event can~~
1. the General Manager approve a Change Order amount, whichever is greater than \$250,000.00.
~~Any Change Order in excess of \$100,000.00, plus 5% of the original contract cost in excess of \$250,000.00, and all Change Orders greater than \$250,000.00, shall require Water Board approval.~~
2. ~~Cumulative Change Orders in excess of these amounts shall require Water Board approval. Cumulative Change Orders~~ change orders in excess, both additive and deductive, of 25% of the original contract cost, shall be by written Supplemental Agreement between the Contractor and the Department.
3. The General Manager's designee, including the Construction Services Manager or Construction Project Manager, may approve plan changes, but not extra work items, up to \$40,000.00. The designee must authorize all work in writing. All recommended plan changes must be reviewed and approved by the appropriate Division Director. Contractor would proceed with work and identify percent complete in the next partial payment. Payment would be identified as pending Water Board approval; however, the amount of work completed would be included in the partial payment total.

SECTION 3: Report to the Water Board Commissioners

The General Manager, or designee, shall make a quarterly written report to the Water Board as to all ~~Change Orders~~change orders approved by the General Manager during the quarter, and of all possible future ~~Change Orders~~change orders which may appear probable prior to the next quarterly report. At a minimum, the ~~General Manager shall provide the Water Board with~~report should include the name and nature of the contract, all ~~Change Orders~~change orders approved during that quarter, the reason for the ~~Change Orders~~change orders, the cumulative amount of the ~~Change Orders~~change orders for that contract, and any additional information the Water Board requests.

SECTION 4: Authorization

Actions taken in conformity with this policy are intended to bind the City of San Bernardino Municipal Water Department.

SECTION 5: Emergency Work

In the event of an emergency or extraordinary circumstance, as determined by the General Manager, the General Manager may authorize change orders exceeding the approval amounts described above. The General Manager shall notify the Water Board by written staff report within five (5) business days of the authorization and bring the ratification of the change order before the Water Board at the next available regular meeting.

SECTION 6: Definitions

- A. Extra Work: Additional work that is unrelated to or significantly adds to the design intent and/or functionality of the original plans and specifications. This work is not necessary to complete the project.
- B. Plan Changes: Work differing from the scope of work which is set forth in the plans and specifications which is necessary to complete the project. The intent of the additional work is to 1) facilitate ongoing work when differing site conditions occur; or 2) conformance with the original design intent; or 3) take advantage of construction cost efficiencies.

Policy Review

Board approved:	<u>8/18/1992</u>
Revision Board approved:	<u>6/3/1993</u>
Revised:	<u>2/15/2018</u>
No changes:	<u>7/2019</u>
No changes:	<u>7/2020</u>
Minor changes (HR) GM approved:	<u>7/2021</u>
Spacing changes only:	<u>7/2022</u>
No changes (HR):	<u>7/2023</u>
Revised:	<u>10/2023</u>
Revision Board approved:	<u>9/24/2024</u>

SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

POLICIES & PROCEDURES MANUAL

POLICY 51.020 - MODIFICATIONS TO PROFESSIONAL SERVICES AND COMPETITIVELY BID CONTRACTS

Date:	March 25, 2025
Revision:	6
Supersedes:	October 2023
First Adopted:	August 18, 1992

SECTION 1: Contracts Subject to This Policy

All Change Orders for existing contracts for both professional services and construction entered into by the Department shall be subject to the modification procedures contained in this policy. All Change Order approvals shall be in writing.

SECTION 2: Approval of Change Orders for Professional Services and Competitively Bid Contracts

A. Contracts Under \$100,000.00

1. The General Manager may approve modifications to the plans and specifications and contract documents by means of a change order if the cost or estimated cost of such modifications do not exceed 50% of the original contract price.
2. Cumulative change orders which cause the contract price to exceed \$100,000.00 shall require Water Board approval.

B. Contracts Between \$100,000.00 - \$250,000.00

1. The General Manager may approve modifications to the plans and specifications and contract documents by means of a change order if the cost or estimated costs of such change order does not exceed \$100,000.00 or 50% of the original contract, whichever is less.

2. Cumulative change orders in excess of \$100,000.00 or 50%, whichever is less, shall require Water Board approval.

C. Contracts Greater than \$250,000.00

1. The General Manager may approve change orders for Capital Improvement Projects and Professional Services Contracts provided the changed work is within the scope of the project approved by the Board and: the cumulative total for all change orders does not exceed \$100,000 or 5% of the original contract amount, whichever is greater.
2. Cumulative change orders in excess, both additive and deductive, of 25% of the original contract cost, shall be by written Supplemental Agreement between the Contractor and the Department.
3. The General Manager's designee, including the Construction Services Manager or Construction Project Manager, may approve plan changes, but not extra work items, up to \$40,000.00. The designee must authorize all work in writing. All recommended plan changes must be reviewed and approved by the appropriate Division Director. Contractor would proceed with work and identify percent complete in the next partial payment. Payment would be identified as pending Water Board approval; however, the amount of work completed would be included in the partial payment total.

SECTION 3: Report to the Water Board Commissioners

The General Manager, or designee, shall make a quarterly written report to the Water Board as to all change orders approved by the General Manager during the quarter, and of all possible future change orders which may appear probable prior to the next quarterly report. At a minimum, the report should include the name and nature of the contract, all change orders approved during that quarter, the reason for the change orders, the cumulative amount of the change orders for that contract, and any additional information the Water Board requests.

SECTION 4: Authorization

Actions taken in conformity with this policy are intended to bind the City of San Bernardino Municipal Water Department.

SECTION 5: Emergency Work

In the event of an emergency or extraordinary circumstance, as determined by the General Manager, the General Manager may authorize change orders exceeding the approval amounts described above. The General Manager shall notify the Water Board by written staff report within five (5) business days of the authorization and bring the ratification of the change order before the Water Board at the next available regular meeting.

SECTION 6: Definitions

- A. Extra Work: Additional work that is unrelated to or significantly adds to the design intent and/or functionality of the original plans and specifications. This work is not necessary to complete the project.
- B. Plan Changes: Work differing from the scope of work which is set forth in the plans and specifications which is necessary to complete the project. The intent of the additional work is to 1) facilitate ongoing work when differing site conditions occur; or 2) conformance with the original design intent; or 3) take advantage of construction cost efficiencies.

Policy Review

Board approved:	<u>8/18/1992</u>
Revision Board approved:	<u>6/3/1993</u>
Revised:	<u>2/15/2018</u>
No changes:	<u>7/2019</u>
No changes:	<u>7/2020</u>
Minor changes (HR) GM approved:	<u>7/2021</u>
Spacing changes only:	<u>7/2022</u>
No changes (HR):	<u>7/2023</u>
Revised:	<u>10/2023</u>
Revision Board approved:	<u>9/24/2024</u>

**CITY OF SAN BERNARDINO
MUNICIPAL WATER DEPARTMENT**

Received 03-07-25
SBMWD AS
General Manager

**WATER BOARD
STAFF REPORT**

TO: Miguel J. Guerrero, P.E., General Manager 
FROM: Jennifer L. Shepardson, Director of Environmental & Regulatory Compliance
SUBJECT: WELL MONITORING FOR PER AND POLYFLUOROALKYL SUBSTANCES (PFAS) – NOTIFICATION LEVEL EXCEEDANCES (INFORMATION ONLY)
DATE: March 7, 2025
CC: Steve Miller

BACKGROUND/DISCUSSION

The California Water Resources Control Board's Division of Drinking Water Order DW 2024-002-DDW requires the Department to monitor for PFAS analytes in their public drinking water system. Per this Order, if PFAS detection exceed a notification level, the Department must report the detection as required by Health and Safety Code section 116455. Under Health and Safety Code section 116455, as a retail water agency, the Department must inform its governing body and the governing body of any local agency whose jurisdiction includes areas supplied with drinking water by the Department within 30 days after the Department is first informed by its analytical laboratory of an exceedance.

Samples were collected on January 23, 2025, and January 28, 2025. Three samples collected on January 23, 2025, and analyzed by the laboratory showed the presence of Perfluorohexanesulfonic Acid (PFHxS), a PFAS analyte, above the notification level of 3.0 nanograms per liter (ng/L). Additionally, two other samples collected this same date and analyzed by the laboratory showed the presence of Perfluorooctanoic acid (PFOA, another PFAS analyte, above its Maximum Contaminant Level (MCL) of 4.0 (ng/L). Two samples collected on January 28, 2025, showed the presence of PFHxS above its notification level. The summary of these detections is as follows:

<u>WELL</u>	<u>ANALYTE</u>	<u>DETECTION (ng/L)</u>
27th Street & Acacia	PFHxS	4.0
EPA Well 07	PFHxS	6.4
Newmark 03	PFHxS	3.5
EPA 06	PFOA	4.2
Newmark 02	PFOA	4.1
30 th Street & Mt. View	PFHxS	3.6, and
31 st Street & Mt. View	PFHxS	4.5

Notification levels are advisory levels that the California Water Resources Control Board establishes as precautionary health-based measures for contaminants that have no set regulatory standard yet. According to the California Office of Environmental Health Hazard Assessment (OEHHA), PFHxS exposure over certain levels can cause health affects to the liver, thyroid and a developing fetus.

WELL MONITORING FOR PER AND POLYFLUOROALKYL SUBSTANCES
(PFAS) NOTIFICATION LEVEL EXCEEDANCES (INFORMATION ONLY)

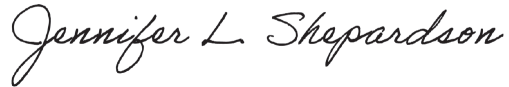
The California Water Resources Control Board through its Division of Drinking Water is in the process of reviewing PFAS analytes to determine future monitoring and limit requirements. The Department is meeting Order DW 2024-002-DDW's requirement of informing the governing Body (Water Board) and the City of San Bernardino by posting this report for the March 25, 2025, City of San Bernardino Water Board Meeting.

Past monitoring and exceedances over notification levels for PFAS analytes are listed in the table below:

[illegible]

**WELL MONITORING FOR PER AND POLYFLUOROALKYL SUBSTANCES
(PFAS)NOTIFICATION LEVEL EXCEEDANCES (INFORMATION ONLY)**

Respectfully submitted,

A handwritten signature in black ink that reads "Jennifer L. Shepardson". The script is cursive and fluid.

Jennifer L. Shepardson

Director of Environmental of Environmental & Regulatory Compliance

Attachments: Babcock Laboratories Reports for 27th Street & Acacia Well, EPA Wells 06 & 07, Newmark Wells 02 & 03, 30th Street & Mt. View Well, and 31st Street & Mt. View Well

State Water Resources Control Board Division of Drinking Water Order
(2024-0002-DDW)



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Client Name: City of San Bernardino Water
 Contact: Albert Obeso
 Address: P.O. Box 710
 San Bernardino, CA 92402

Analytical Report: Page 2 of 7
 Project Name: San Bdn-DW
 Project Number: PFAS Monitoring 27th & Acacia

Report Date: 28-Feb-2025

Work Order Number: **C5A2686**

Received on Ice (Y/N): Yes Temp: 12 °C

Laboratory Reference Number

C5A2686-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
27th and Acacia 007_007	Water	01/23/25 08:30	01/23/25 12:15

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
<i>Testing performed by: Babcock Laboratories, Inc. - Riverside</i>							
CA ELAP No. 2698, EPA No. CA00102, NELAP No. OR4035							
Per-/Polyfluorinated Alkyl Substances							
Perfluorobutanoic acid (PFBA)	1.8	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	NISm
Perfluoropentanoic acid (PFPeA)	3.0	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	NISm
Perfluorohexanoic Acid (PFHxA)	3.1	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	
Perfluoroheptanoic Acid (PFHpA)	ND	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	
Perfluorooctanoic Acid (PFOA)	2.0	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	
Perfluorononanoic Acid (PFNA)	ND	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	
Perfluorodecanoic Acid (PFDA)	ND	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	
Perfluoroundecanoic Acid (PFUnA)	ND	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	
Perfluorododecanoic Acid (PFDoDA)	ND	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	
Perfluorobutanesulfonic Acid (PFBS)	4.8	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	
Perfluoropentanesulfonate (PFPeS)	ND	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	
Perfluorohexanesulfonic Acid (PFHxS)	4.0	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	
Perfluorooctanesulfonic Acid (PFOS)	ND	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	
4:2 Fluorotelomer Sulfonate	ND	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	
6:2 Fluorotelomer Sulfonate	ND	4.4	ng/L	EPA 533	02/25/25 14:42	AZP	
8:2 Fluorotelomer Sulfonate	ND	4.4	ng/L	EPA 533	02/25/25 14:42	AZP	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	
9-chlorohexadecafluoro-3-oxanon e-1-sulfonic Acid	ND	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	
11-chloroeicosafuoro	ND	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	
3oxaundecane-1-sulfonic Acid	ND	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	NISm
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	NISm



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Client Name: City of San Bernardino Water
Contact: Albert Obeso
Address: P.O. Box 710
San Bernardino, CA 92402

Analytical Report: Page 3 of 7
Project Name: San Bdn-DW
Project Number: PFAS Monitoring 27th & Acacia

Report Date: 28-Feb-2025

Work Order Number: **C5A2686**

Received on Ice (Y/N): Yes Temp: 12 °C

Laboratory Reference Number

C5A2686-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
27th and Acacia 007_007	Water	01/23/25 08:30	01/23/25 12:15

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
<u>Testing performed by: Babcock Laboratories, Inc. - Riverside</u> CA ELAP No. 2698, EPA No. CA00102, NELAP No. OR4035							
Per-/Polyfluorinated Alkyl Substances							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.8	ng/L	EPA 533	02/25/25 14:42	AZP	
Surrogate: 13C9-PFNA-[IDA]	55%	50-200		EPA 533	02/25/25 14:42	AZP	
Surrogate: 13C8-PFOS-[IDA]	100%	50-200		EPA 533	02/25/25 14:42	AZP	
Surrogate: 13C8-PFOA-[IDA]	53%	50-200		EPA 533	02/25/25 14:42	AZP	
Surrogate: 13C7-PFUnA-[IDA]	54%	50-200		EPA 533	02/25/25 14:42	AZP	
Surrogate: 13C6-PFDA-[IDA]	52%	50-200		EPA 533	02/25/25 14:42	AZP	
Surrogate: 13C5-PFPeA-[IDA]	48%	50-200		EPA 533	02/25/25 14:42	AZP	NSint
Surrogate: 13C5-PFHxA-[IDA]	54%	50-200		EPA 533	02/25/25 14:42	AZP	
Surrogate: 13C4-PFHpA-[IDA]	53%	50-200		EPA 533	02/25/25 14:42	AZP	
Surrogate: 13C4-PFBA-[IDA]	42%	50-200		EPA 533	02/25/25 14:42	AZP	NSint
Surrogate: 13C3-PFHxS-[IDA]	94%	50-200		EPA 533	02/25/25 14:42	AZP	
Surrogate: 13C3-PFBS-[IDA]	100%	50-200		EPA 533	02/25/25 14:42	AZP	
Surrogate: 13C2-PFDoA-[IDA]	55%	50-200		EPA 533	02/25/25 14:42	AZP	
Surrogate: 13C2-8:2 FTS-[IDA]	96%	50-200		EPA 533	02/25/25 14:42	AZP	
Surrogate: 13C2-6:2-FTS-[IDA]	98%	50-200		EPA 533	02/25/25 14:42	AZP	
Surrogate: 13C2-4:2 FTS-[IDA]	99%	50-200		EPA 533	02/25/25 14:42	AZP	
Surrogate: 13C3-HFPO-DA-[IDA]	52%	50-200		EPA 533	02/25/25 14:42	AZP	
Aggregate Properties							
Temperature - Client Supplied	18	0.0	°C	-	01/23/25 08:30	CLN	



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Client Name: City of San Bernardino Water
 Contact: Albert Obeso
 Address: P.O. Box 710
 San Bernardino, CA 92402

Analytical Report: Page 2 of 7
 Project Number: PFAS Monitoring 30th & Mt. View
 Project Name: San Bdn-DW

Report Date: 24-Feb-2025

Work Order Number: C5A3081

Received on Ice (Y/N): Yes Temp: 8°C

Testing performed by: Babcock Laboratories, Inc. - Riverside

CA ELAP No. 2698, EPA No. CA00102, NELAP No. OR4035

	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
C5A3081-01 Sampled: 01/28/25 10:15							
30th & Mt. View008_008							
Perfluorobutanoic acid (PFBA)	2.2	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
Perfluoropentanoic acid (PFPeA)	4.0	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
Perfluorohexanoic Acid (PFHxA)	3.6	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
Perfluoroheptanoic Acid (PFHpA)	ND	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
Perfluorooctanoic Acid (PFOA)	ND	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
Perfluorononanoic Acid (PFNA)	ND	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
Perfluorodecanoic Acid (PFDA)	ND	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
Perfluoroundecanoic Acid (PFUnA)	ND	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
Perfluorododecanoic Acid (PFDoDA)	ND	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
Perfluorobutanesulfonic Acid (PFBS)	4.4	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
Perfluoropentanesulfonate (PFPeS)	ND	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
Perfluorohexanesulfonic Acid (PFHxS)	3.6	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
Perfluorooctanesulfonic Acid (PFOS)	ND	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
4:2 Fluorotelomer Sulfonate	ND	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
6:2 Fluorotelomer Sulfonate	ND	5.0	ng/L	EPA 533	02/21/25 03:23	MOF	
8:2 Fluorotelomer Sulfonate	ND	5.0	ng/L	EPA 533	02/21/25 03:23	MOF	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
11-chloroeicosafluoro 3oxaundecane-1-sulfonic Acid	ND	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	ng/L	EPA 533	02/21/25 03:23	MOF	
Surrogate: 13C9-PFNA-[IDA]	77%	50-200		EPA 533	02/21/25 03:23	MOF	
Surrogate: 13C8-PFOS-[IDA]	99%	50-200		EPA 533	02/21/25 03:23	MOF	
Surrogate: 13C8-PFOA-[IDA]	71%	50-200		EPA 533	02/21/25 03:23	MOF	



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Client Name: City of San Bernardino Water
Contact: Albert Obeso
Address: P.O. Box 710
San Bernardino, CA 92402

Analytical Report: Page 3 of 7
Project Number: PFAS Monitoring 30th & Mt. View
Project Name: San Bdn-DW

Report Date: 24-Feb-2025

Work Order Number: **C5A3081**

Received on Ice (Y/N): Yes Temp: 8°C

Testing performed by: Babcock Laboratories, Inc. - Riverside

CA ELAP No. 2698, EPA No. CA00102, NELAP No. OR4035

	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
C5A3081-01 Sampled: 01/28/25 10:15							
30th & Mt. View008_008							
Surrogate: 13C7-PFUnA-[IDA]	75%	50-200		EPA 533	02/21/25 03:23	MOF	
Surrogate: 13C6-PFDA-[IDA]	75%	50-200		EPA 533	02/21/25 03:23	MOF	
Surrogate: 13C5-PFPeA-[IDA]	66%	50-200		EPA 533	02/21/25 03:23	MOF	
Surrogate: 13C5-PFHxA-[IDA]	70%	50-200		EPA 533	02/21/25 03:23	MOF	
Surrogate: 13C4-PFHpA-[IDA]	69%	50-200		EPA 533	02/21/25 03:23	MOF	
Surrogate: 13C4-PFBA-[IDA]	65%	50-200		EPA 533	02/21/25 03:23	MOF	
Surrogate: 13C3-PFHxS-[IDA]	97%	50-200		EPA 533	02/21/25 03:23	MOF	
Surrogate: 13C3-PFBS-[IDA]	105%	50-200		EPA 533	02/21/25 03:23	MOF	
Surrogate: 13C2-PFDoA-[IDA]	78%	50-200		EPA 533	02/21/25 03:23	MOF	
Surrogate: 13C2-8:2 FTS-[IDA]	98%	50-200		EPA 533	02/21/25 03:23	MOF	
Surrogate: 13C2-6:2-FTS-[IDA]	93%	50-200		EPA 533	02/21/25 03:23	MOF	
Surrogate: 13C2-4:2 FTS-[IDA]	99%	50-200		EPA 533	02/21/25 03:23	MOF	
Surrogate: 13C3-HFPO-DA-[IDA]	63%	50-200		EPA 533	02/21/25 03:23	MOF	
Temperature - Client Supplied	19	0.0	°C	-	01/28/25 10:15	CLN	



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Client Name: Wty of San wernarBino D ater
Contact: Albert Obe0o
Address: P00Qwox 71s
San wernarBino, WA 924s2

Analytical Report: Page 2 of 7
Project Number: PFAS Monitoring 310t h M& . ieV
Project Name: San wBnod D

Report Date: 24cFebd2s25

Work Order Number: C5A3078

Received on Ice (Y/N): Yes Temp: 8°C

Testing performed by: Babcock Laboratories, Inc. - Riverside

CA ELAP No. 2698, EPA No. CA00102, NELAP No. OR4035

	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
C5A3078-01 Sampled: 01/28/25 11:40							
310t anB MtC. ieVss9_ss9							
Perfluorobutanoic aciB)PFwA)	3C	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
Perfluoropentanoic aciB)PFPeA)	6C	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
Perfluoro(exanoic Acib)PFHxA)	6G	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
Perfluoro(eptanoic Acib)PFHpA)	2G	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
Perfluorooctanoic Acib)PFOA)	3G	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
Perfluorononanoic Acib)PFNA)	N-	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
PerfluoroBecanoic Acib)PF- A)	N-	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
PerfluorounBecanoic Acib)PFUnA)	N-	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
PerfluoroBoBecanoic Acib)PF- o- A)	N-	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
Perfluorobutane0ulfonic Acib)PFwS)	7G	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
Perfluoropentane0ulfonate)PFPeS)	N-	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
Perfluoro(exane0ulfonic Acib)PFHxS)	4G	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
Perfluoro(eptane0ulfonic aciB)PFHpS)	N-	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
Perfluorooctane0ulfonic Acib)PFOS)	N-	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
4:2 Fluorotelomer Sulfonate	N-	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
6:2 Fluorotelomer Sulfonate	N-	5G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
8:2 Fluorotelomer Sulfonate	N-	5G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
Hexafluoropropylene oxiBe Bimer aciB)HFPOd A)	N-	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
4,8dioxad8Hqperfluorononanoic Acib)A- ONA)	N-	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
9d(loro(exaBecafluorod8dxanoned 1dulfonic Acib	N-	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
11d(loroico0afluoro 3oxaunBecaned1 dulfonic Acib	N-	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
Nonafuorod8,6diox(eptanoic aciB)NF- HA)	N-	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
Perfluorod8dmet(oxybutanoic aciB)PFMwA)	N-	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
Perfluorod8dmet(oxypropanoic aciB)PFMPA)	N-	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
Perfluoro)2d(oxyet(ane)0ulfonic aciB)PFEEA)	N-	2G	ng/L	EPA 533	s2/21/25 s2:47	MOF	
Surrogate: 13C9-PFNA-[IDA]	74%	50-200		EPA 533	s2/21/25 s2:47	MOF	
Surrogate: 13C8-PFOS-[IDA]	91%	50-200		EPA 533	s2/21/25 s2:47	MOF	
Surrogate: 13C8-PFOA-[IDA]	69%	50-200		EPA 533	s2/21/25 s2:47	MOF	



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Client Name: Wty of San wernarBino D ater
Contact: Albert Obe0o
ABBre00: P00Qwox 71s
San wernarBino, WA 924s2

Analytical Report: Page 3 of 7
Project Number: PFAS Monitoring 310t h M& . ieV
Project Name: San wBnod D

Report - ate: 24dFebd2s25

Work Order Number: C5A3078

Received on Ice (Y/N): Yes Temp: 8°C

Testing performed by: Babcock Laboratories, Inc. - Riverside
CA ELAP No. 2698, EPA No. CA00102, NELAP No. OR4035

	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
C5A3078-01 Sampled: 01/28/25 11:40							
310t anB MtC. ieVss9_ss9							
Surrogate: 13C7-PFUnA-[IDA]	72%	50-200		EPA 533	s2/21/25 s2:47	MOF	
Surrogate: 13C6-PFDA-[IDA]	72%	50-200		EPA 533	s2/21/25 s2:47	MOF	
Surrogate: 13C5-PFPeA-[IDA]	65%	50-200		EPA 533	s2/21/25 s2:47	MOF	
Surrogate: 13C5-PFHxA-[IDA]	69%	50-200		EPA 533	s2/21/25 s2:47	MOF	
Surrogate: 13C4-PFHpA-[IDA]	67%	50-200		EPA 533	s2/21/25 s2:47	MOF	
Surrogate: 13C4-PFBA-[IDA]	63%	50-200		EPA 533	s2/21/25 s2:47	MOF	
Surrogate: 13C3-PFHxS-[IDA]	93%	50-200		EPA 533	s2/21/25 s2:47	MOF	
Surrogate: 13C3-PFBS-[IDA]	97%	50-200		EPA 533	s2/21/25 s2:47	MOF	
Surrogate: 13C2-PFDoA-[IDA]	75%	50-200		EPA 533	s2/21/25 s2:47	MOF	
Surrogate: 13C2-8:2 FTS-[IDA]	88%	50-200		EPA 533	s2/21/25 s2:47	MOF	
Surrogate: 13C2-6:2-FTS-[IDA]	87%	50-200		EPA 533	s2/21/25 s2:47	MOF	
Surrogate: 13C2-4:2 FTS-[IDA]	93%	50-200		EPA 533	s2/21/25 s2:47	MOF	
Surrogate: 13C3-HFPO-DA-[IDA]	63%	50-200		EPA 533	s2/21/25 s2:47	MOF	
Temperature of Client Sample	19	sG	°W	d	s1/28/25 11:4s	WLN	



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Client Name: City of San Bernardino Water
Contact: Albert Obeso
Address: P.O. Box 710
San Bernardino, CA 92402

Analytical Report: Page 2 of 7
Project Number: PFAS Monitoring - EPA Well 06
Project Name: San Bdn-DW

Report Date: 20-Feb-2025

Work Order Number: C5A2678

Received on Ice (Y/N): Yes Temp: 12°C

Testing performed by: Babcock Laboratories, Inc. - Riverside

CA ELAP No. 2698, EPA No. CA00102, NELAP No. OR4035

	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
C5A2678-01 Sampled: 01/23/25 09:00							
EPA Well 06118_118							
Perfluorobutanoic acid (PFBA)	2.4	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
Perfluoropentanoic acid (PFPeA)	3.2	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
Perfluorohexanoic Acid (PFHxA)	2.8	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
Perfluoroheptanoic Acid (PFHpA)	ND	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
Perfluorooctanoic Acid (PFOA)	4.2	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
Perfluorononanoic Acid (PFNA)	ND	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
Perfluorodecanoic Acid (PFDA)	ND	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
Perfluoroundecanoic Acid (PFUnA)	ND	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
Perfluorododecanoic Acid (PFDDA)	ND	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
Perfluorobutanesulfonic Acid (PFBS)	7.4	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
Perfluoropentanesulfonate (PFPeS)	ND	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
Perfluorohexanesulfonic Acid (PFHxS)	2.0	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
Perfluorooctanesulfonic Acid (PFOS)	ND	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
4:2 Fluorotelomer Sulfonate	ND	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
6:2 Fluorotelomer Sulfonate	ND	4.4	ng/L	EPA 533	02/18/25 20:23	MOF	
8:2 Fluorotelomer Sulfonate	ND	4.4	ng/L	EPA 533	02/18/25 20:23	MOF	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
4,8-dioxa-3H-perfluorononanoic Acid (ADONA)	ND	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
9-chlorohexadecafluoro-3-oxanone-1-sulfonic Acid	ND	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
11-chloroeicosafluoro 3-oxaundecane-1-sulfonic Acid (NFDHA)	ND	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	ng/L	EPA 533	02/18/25 20:23	MOF	
Surrogate: 13C9-PFNA-[IDA]	607	50-200		EPA 533	02/18/25 20:23	MOF	
Surrogate: 13C8-PFOS-[IDA]	97	50-200		EPA 533	02/18/25 20:23	MOF	
Surrogate: 13C8-PFOA-[IDA]	567	50-200		EPA 533	02/18/25 20:23	MOF	



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Client Name: City of San Bernardino Water
Contact: Albert Obeso
Address: P.O. Box 710
San Bernardino, CA 92402

Analytical Report: Page 3 of 7
Project Number: PFAS Monitoring - EPA Well 06
Project Name: San Bdn-DW

Report Date: 20-Feb-2025

Work Order Number: **C5A2678**

Received on Ice (Y/N): Yes Temp: 12°C

Testing performed by: Babcock Laboratories, Inc. - Riverside

CA ELAP No. 2698, EPA No. CA00102, NELAP No. OR4035

	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
C5A2678-01 Sampled: 01/23/25 09:00							
EPA Well 06118_118							
Surrogate: 13C%PFUnA-[IDA]	607	50-200		EPA 533	02/18/25 20:23	MOF	
Surrogate: 13C6-PFDA-[IDA]	587	50-200		EPA 533	02/18/25 20:23	MOF	
Surrogate: 13C5-PFPeA-[IDA]	547	50-200		EPA 533	02/18/25 20:23	MOF	
Surrogate: 13C5-PFHxA-[IDA]	597	50-200		EPA 533	02/18/25 20:23	MOF	
Surrogate: 13C4-PFHpA-[IDA]	557	50-200		EPA 533	02/18/25 20:23	MOF	
Surrogate: 13C4-PFBA-[IDA]	527	50-200		EPA 533	02/18/25 20:23	MOF	
Surrogate: 13C3-PFHxS-[IDA]	978	50-200		EPA 533	02/18/25 20:23	MOF	
Surrogate: 13C3-PFBS-[IDA]	1037	50-200		EPA 533	02/18/25 20:23	MOF	
Surrogate: 13C2-PFDoA-[IDA]	657	50-200		EPA 533	02/18/25 20:23	MOF	
Surrogate: 13C2-8:2 FTS-[IDA]	987	50-200		EPA 533	02/18/25 20:23	MOF	
Surrogate: 13C2-6:2-FTS-[IDA]	917	50-200		EPA 533	02/18/25 20:23	MOF	
Surrogate: 13C2-4:2 FTS-[IDA]	967	50-200		EPA 533	02/18/25 20:23	MOF	
Surrogate: 13C3-HFPO-DA-[IDA]	517	50-200		EPA 533	02/18/25 20:23	MOF	
Temperature - Client Supplied	19	0.0	°C	-	01/23/25 09:00	CLN	



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Client Name: Dity of San 6ernarBino Water
 Dcontact: Albert . bexo
 ABBrex: PC O6oO710
 San 6ernarBinosDA , 9209

Analytical Report: Page 9 of 7
 Project Number: PFAS Monitoring - EPA Well 07
 Project Name: San 6Bno-d W

Report d ate: 90-Feb-9094

Work Order Number: C5A2676

Received on Ice (Y/N): Yes Temp: 12°C

Testing performed by: Babcock Laboratories, Inc. - Riverside

CA ELAP No. 2698, EPA No. CA00102, NELAP No. OR4035

	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
C5A2676-01 Sampled: 01/23/25 10:40							
EPA Well 0711, _11,							
Perfluorobutanoic aciB HPF6A(	90	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
Perfluoropentanoic aciB HPFPeA(	90	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
Perfluoro5eCanoic AcIB HPF/ OA(	90	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
Perfluoro5eptanoic AcIB HPF/ pA(	Nd	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
Perfluorooctanoic AcIB HPF. A(	Nd	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
Perfluorononanoic AcIB HPFNA(	Nd	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
PerfluoroBecanoic AcIB HPFd A(	Nd	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
PerfluorounBecanoic AcIB HPFUnA(	Nd	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
PerfluoroBoBecanoic AcIB HPFd od A(	Nd	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
Perfluorobutanexulfonic AcIB HPF6 S(	3C	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
Perfluoropentanexulfonate HPFPeS(	Nd	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
Perfluoro5eCanexulfonic AcIB HPF/ OS(	6C	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
Perfluoro5eptanexulfonic aciB HPF/ pS(	Nd	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
Perfluorooctanexulfonic AcIB HPF. S(	Nd	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
2:9 Fluorotelomer Sulfonate	Nd	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
6:9 Fluorotelomer Sulfonate	Nd	2C	ng/L	EPA 433	0981_04 1, :2_	M. F	
_:9 Fluorotelomer Sulfonate	Nd	2C	ng/L	EPA 433	0981_04 1, :2_	M. F	
/ eCafluoropropylene oOBe Bimer aciB h/ FP. -d A(	Nd	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
2s_-BioCa-3/-perfluorononanoic AcIB hAd. NA(	Nd	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
, -c5loro5eCaBecafluoro-3-oCanone-1-xulfonic AcIB	Nd	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
11-c5loroeicoxafluoro	Nd	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
3oCaunBecane-1-xulfonic AcIB	Nd	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
Nonafluoro-3s6-BioCa5eptanoic aciB hNFd/ A(	Nd	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
Perfluoro-2-met5oQybutanoic aciB hPFM6A(	Nd	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
Perfluoro-3-met5oQypropanoic aciB hPFMPA(	Nd	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
Perfluorof9-et5oQyet5ane(xulfonic aciB hPFEEESA(	Nd	1C	ng/L	EPA 433	0981_04 1, :2_	M. F	
Surrogate: 13C9-PFNA-[IDA]	687	50-200		EPA 433	0981_04 1, :2_	M. F	
Surrogate: 13C8-PFOS-[IDA]	1027	50-200		EPA 433	0981_04 1, :2_	M. F	
Surrogate: 13C8-PFOA-[IDA]	637	50-200		EPA 433	0981_04 1, :2_	M. F	



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Client Name: Dity of San 6ernarBino Water
Dontact: Albert . bexo
ABBrex: PC O6oO710
San 6ernarBinosDA , 9209

Analytical Report: Page 3 of 7
Project Number: PFAS Monitoring - EPA Well 07
Project Name: San 6Bno-d W

Report d ate: 90-Feb-9094

Work Order Number: C5A2676

Received on Ice (Y/N): Yes Temp: 12°C

Testing performed by: Babcock Laboratories, Inc. - Riverside

CA ELAP No. 2698, EPA No. CA00102, NELAP No. OR4035

	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
C5A2676-01 Sampled: 01/23/25 10:40							
EPA Well 0711, _11,							
Surrogate: 13C%PFUnA-[IDA]	647	50-200		EPA 433	0981_04 1, :2_	M. F	
Surrogate: 13C6-PFDA-[IDA]	627	50-200		EPA 433	0981_04 1, :2_	M. F	
Surrogate: 13C5-PFPeA-[IDA]	637	50-200		EPA 433	0981_04 1, :2_	M. F	
Surrogate: 13C5-PFHxA-[IDA]	687	50-200		EPA 433	0981_04 1, :2_	M. F	
Surrogate: 13C4-PFHpA-[IDA]	627	50-200		EPA 433	0981_04 1, :2_	M. F	
Surrogate: 13C4-PFBA-[IDA]	667	50-200		EPA 433	0981_04 1, :2_	M. F	
Surrogate: 13C3-PFHxS-[IDA]	1007	50-200		EPA 433	0981_04 1, :2_	M. F	
Surrogate: 13C3-PFBS-[IDA]	1097	50-200		EPA 433	0981_04 1, :2_	M. F	
Surrogate: 13C2-PFDoA-[IDA]	697	50-200		EPA 433	0981_04 1, :2_	M. F	
Surrogate: 13C2-8:2 FTS-[IDA]	1007	50-200		EPA 433	0981_04 1, :2_	M. F	
Surrogate: 13C2-6:2-FTS-[IDA]	987	50-200		EPA 433	0981_04 1, :2_	M. F	
Surrogate: 13C2-4:2 FTS-[IDA]	987	50-200		EPA 433	0981_04 1, :2_	M. F	
Surrogate: 13C3-HFPO-DA-[IDA]	587	50-200		EPA 433	0981_04 1, :2_	M. F	
Temperature - Dlient SupplieB	1,	00	°D	-	010304 10:20	DLN	



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Client Name: City of San Bernardino
Contact: Albert Obregon
Address: P.O. Box 715
San Bernardino, CA 92415

Analytical Report: Page 7 of 7
Project Number: PFAS Monitoring Network
Project Name: San Bernardino

Report Date: 02/25/2025

Work Order Number: C5A2675

Received on Ice (Y/N): Yes Temp: 12°C

Testing performed by: Babcock Laboratories, Inc. - Riverside

CA ELAP No. 2698, EPA No. CA00102, NELAP No. OR4035

	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
C5A2675-01 Sampled: 01/23/25 09:30							
Ne-mar Environmental Services							
Perfluorobutanoic acid (PFBA)	W1	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
Perfluoropentanoic acid (PFPeA)	3.2	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
Perfluorohexanoic Acid (PFHxA)	4.1	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
Perfluoroheptanoic Acid (PFHpA)	W4	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
Perfluorooctanoic Acid (PFOA)	4.1	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
Perfluorononanoic Acid (PFNA)	Nd	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
Perfluorodecanoic Acid (PFDA)	Nd	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
Perfluoroundecanoic Acid (PFUnA)	Nd	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
Perfluorododecanoic Acid (PFDDA)	Nd	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
Perfluorobutane sulfonic Acid (PFBS)	5.4	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
Perfluoropentane sulfonate (PFPeS)	Nd	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
Perfluorohexane sulfonic Acid (PFHxS)	WW	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
Perfluoroheptane sulfonic acid (PFHpS)	Nd	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
Perfluorooctane sulfonic Acid (PFOS)	3.7	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
4-Fluorotelomer Sulfonate	Nd	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
6-Fluorotelomer Sulfonate	Nd	4.4	ng/L	PA 533	01/25/25 12:1W	MOF	
8-Fluorotelomer Sulfonate	Nd	4.4	ng/L	PA 533	01/25/25 12:1W	MOF	
8-bromooxobis(4-fluorophenyl) ether	Nd	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
4-bromobis(4-fluorophenyl) ether	Nd	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
2-bromohexafluorobenzene	Nd	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
1-bromohexafluoroisobutane	Nd	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
3-bromobenzenesulfonic Acid	Nd	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
Nonafluorobis(4-fluorophenyl) ether	Nd	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
Perfluorobis(4-fluorophenyl) ether	Nd	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
Perfluorobis(4-fluorophenyl) ether	Nd	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
Perfluorobis(4-fluorophenyl) ether	Nd	1.0	ng/L	PA 533	01/25/25 12:1W	MOF	
Surrogate: 13C9-PFNA-[IDA]	917	50-200		PA 533	01/25/25 12:1W	MOF	
Surrogate: 13C8-PFOS-[IDA]	977	50-200		PA 533	01/25/25 12:1W	MOF	
Surrogate: 13C8-PFOA-[IDA]	847	50-200		PA 533	01/25/25 12:1W	MOF	



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Client Name: City of San Bernardino
Contact: Albert Obregon
Address: P.O. Box 715
San Bernardino, CA 92415

Analytical Report: Page 3 of 7
Project Number: PFAS Monitoring Network
Project Name: San Bernardino

Report date: 01/23/25

Work Order Number: C5A2675

Received on Ice (Y/N): Yes Temp: 12°C

Testing performed by: Babcock Laboratories, Inc. - Riverside
CA ELAP No. 2698, EPA No. CA00102, NELAP No. OR4035

	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
C5A2675-01 Sampled: 01/23/25 09:30							
Ne-marEW32H32							
Surrogate: 13C%PFUnA-[IDA]	807	50-200		_PA 533	01/23/25 12:1W	MOF	
Surrogate: 13C6-PFDA-[IDA]	837	50-200		_PA 533	01/23/25 12:1W	MOF	
Surrogate: 13C5-PFPeA-[IDA]	827	50-200		_PA 533	01/23/25 12:1W	MOF	
Surrogate: 13C5-PFHxA-[IDA]	907	50-200		_PA 533	01/23/25 12:1W	MOF	
Surrogate: 13C4-PFHpA-[IDA]	847	50-200		_PA 533	01/23/25 12:1W	MOF	
Surrogate: 13C4-PFBA-[IDA]	827	50-200		_PA 533	01/23/25 12:1W	MOF	
Surrogate: 13C3-PFHxS-[IDA]	987	50-200		_PA 533	01/23/25 12:1W	MOF	
Surrogate: 13C3-PFBS-[IDA]	1047	50-200		_PA 533	01/23/25 12:1W	MOF	
Surrogate: 13C2-PFDoA-[IDA]	827	50-200		_PA 533	01/23/25 12:1W	MOF	
Surrogate: 13C2-8:2 FTS-[IDA]	977	50-200		_PA 533	01/23/25 12:1W	MOF	
Surrogate: 13C2-6:2-FTS-[IDA]	937	50-200		_PA 533	01/23/25 12:1W	MOF	
Surrogate: 13C2-4:2 FTS-[IDA]	967	50-200		_PA 533	01/23/25 12:1W	MOF	
Surrogate: 13C3-HFPO-DA-[IDA]	997	50-200		_PA 533	01/23/25 12:1W	MOF	
Temperature Client Supplied	1	s.s	°C	B	01/23/25 12:3s	CLN	



Analytical Report: Page 4 of 7
Project Number: PFAS Monitoring Ne- marEWell 06
Project Name: San BdnolCW

Received on Ice (Y/N): Yes Temp: 12°C

CA ELAP No. 2698. EPA No. CA00102. NELAP No. OR4035

mailing
P.O. Box 432
Riverside, CA 92502-0432

BaEIoLN6aEbra8ries, InL - Riverside
SD00 () ail FallewCo) r8
Riverside, CA 9250b-0b04

P c95DkS53-335D
t c95DkS53-DSS2
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CA Q6AP u o.	2S9V
QPA u o.	CA00D02
u Q6AP u o.	OR4035
6ACy7 u o.	D0D09



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Client Name: City of San Bernardino Water
Contact: Albert x be, o
Address: PO Box 710
San Bernardino, CA 92450

Analytical Report: Page 6 of 7
Project Number: PFAS Monitoring Ne- marE Well 06
Project Name: San Bernardino

Report Date: 4/24/2014

Work Order Number: C5A2674

Received on Ice (Y/N): Yes Temp: 12°C

Testing performed by: Babcock Laboratories, Inc. - Riverside
CA ELAP No. 2698, EPA No. CA00102, NELAP No. OR4035

	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
C5A2674-01 Sampled: 01/23/25 09:35							
Ne- marE Well 06050H050							
Surrogate: 13C%PFUnA-[IDA]	617	50-200		_PA h66	04/24/14 1:67	Mx F	
Surrogate: 13C6-PFDA-[IDA]	607	50-200		_PA h66	04/24/14 1:67	Mx F	
Surrogate: 13C5-PFPeA-[IDA]	697	50-200		_PA h66	04/24/14 1:67	Mx F	
Surrogate: 13C5-PFHxA-[IDA]	647	50-200		_PA h66	04/24/14 1:67	Mx F	
Surrogate: 13C4-PFHpA-[IDA]	667	50-200		_PA h66	04/24/14 1:67	Mx F	
Surrogate: 13C4-PFBA-[IDA]	607	50-200		_PA h66	04/24/14 1:67	Mx F	
Surrogate: 13C3-PFHxS-[IDA]	937	50-200		_PA h66	04/24/14 1:67	Mx F	
Surrogate: 13C3-PFBS-[IDA]	987	50-200		_PA h66	04/24/14 1:67	Mx F	
Surrogate: 13C2-PFDoA-[IDA]	647	50-200		_PA h66	04/24/14 1:67	Mx F	
Surrogate: 13C2-8:2 FTS-[IDA]	917	50-200		_PA h66	04/24/14 1:67	Mx F	
Surrogate: 13C2-6:2-FTS-[IDA]	907	50-200		_PA h66	04/24/14 1:67	Mx F	
Surrogate: 13C2-4:2 FTS-[IDA]	927	50-200		_PA h66	04/24/14 1:67	Mx F	
Surrogate: 13C3-HFPO-DA-[IDA]	647	50-200		_PA h66	04/24/14 1:67	Mx F	
Temperature D. Client Supplied	12	00	°	D	01/24/14 02:6h	LN	

**STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF DRINKING WATER**

ORDER DW 2024-0002-DDW

**GENERAL ORDER REQUIRING MONITORING FOR PER AND
POLYFLUOROALKYL SUBSTANCES
*CALIFORNIA HEALTH AND SAFETY CODE SECTION 116378***

The State Water Resources Control Board (“State Water Board” or “Board”), acting by and through its Division of Drinking Water (“Division”), hereby issues General Order No. DW 2024-0002-DDW (hereinafter “Order”) pursuant to section 116378 of the Health and Safety Code, as set forth below:

1. WHEREAS, Assembly Bill 756 (2019-Garcia), approved by the Governor on July 31, 2019, and codified as Health and Safety Code section 116378, authorizes the State Water Board to require public water systems to monitor for per and polyfluoroalkyl substances (“PFAS”), in accordance with conditions set by the Board; and
2. WHEREAS, the Budget Act of 2022 appropriated funds to test for PFAS in community public water systems serving disadvantaged and severely disadvantaged communities, the California State University, Sacramento’s Office of Water Programs (OWP) and Babcock Laboratories, Inc. will collect and analyze samples for PFAS chemicals from drinking water sources under this order at no cost to the water system; and
3. WHEREAS, Health and Safety Code section 116378, subdivision (a) requires a laboratory that has accreditation or certification pursuant to Article 3 (commencing with Section 100825) of Chapter 4 of Part 1 of Division 101 of the Health and Safety Code to perform the analysis of any material required by an order issued pursuant to Health and Safety Code section 116378; and

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4. WHEREAS, an order issued pursuant to Health and Safety Code section 116378 may apply to an individual public water system, specific groups of water systems, or to all public water systems; and
5. WHEREAS, pursuant to Health and Safety Code section 116378, Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code does not apply to an order issued to groups of public water systems or all public water systems; and
6. WHEREAS, Health and Safety Code section 116378, subdivision (c)(1) states that if monitoring results in a confirmed detection, then a community water system or a nontransient-noncommunity water system must report that detection in the annual consumer confidence report. Section 116378, subdivision (c)(1) further states that unless the water source is taken out of use or new data become available to show that the applicable response level is no longer being exceeded, the community or nontransient-noncommunity water system will provide notice of the exceedance of the response level in the water system's consumer confidence report; and
7. WHEREAS, Health and Safety Code section 116378, subdivision (c)(2) states that in addition to the notice required by subdivision (c)(1), for PFAS with notification levels, a community water system or nontransient-noncommunity water system must report a detection which exceeds the notification level as required by Health and Safety Code section 116455; and
8. WHEREAS, Health and Safety Code section 116378, subdivision (c)(3) states that for PFAS with response levels where a detected level of a PFAS chemical exceeds the response level, a community water system or nontransient-noncommunity public water system must take the water source out of use, provide treatment or blending of the source, or provide public notification as specified therein; and

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9. WHEREAS, among other things, Health and Safety Code section 116455 requires that within 30 days of a confirmed detection of a contaminant found in drinking water delivered by a public water system for human consumption that is in excess of a notification level set by the State Water Board, the public water system which supplies water directly to the end user must notify the public water system's governing body and the governing body of any local agency whose jurisdiction includes areas supplied with drinking water by the water system. A local agency means a city or county. If the water system is a water company regulated by the California Public Utilities Commission ("Commission"), then the water system must also notify the Commission; and
10. WHEREAS, on August 22, 2019, pursuant to Health and Safety Code section 116455, the State Water Board: (1) updated the notification level for perfluorooctanoic acid ("PFOA") from 0.000014 mg/L to 0.0000051 mg/L; (2) updated the notification level for perfluorooctanesulfonic acid ("PFOS") from 0.000013 mg/L to 0.0000065 mg/L; and
11. WHEREAS, on August 22, 2019, the Division requested the development of Public Health Goals (PHG) from the Office of Environmental Health and Hazard Assessment (OEHHA) for PFOA and PFOS; and
12. WHEREAS, on February 6, 2020, pursuant to Health and Safety Code section 116455, the State Water Board: (1) changed the response levels from a total combined PFOA and PFOS concentration of 0.000070 mg/L to 0.000010 mg/L for PFOA and 0.000040 mg/L for PFOS; and
13. WHEREAS, on March 5, 2021, pursuant to Health and Safety Code section 116455, the State Water Board established a perfluorobutane sulfonic acid (PFBS) notification level of 0.0005 mg/L and response level of 0.005 mg/L; and
14. WHEREAS, on October 31, 2022, pursuant to Health and Safety Code section 116455, the State Water Board established a perfluorohexane sulfonic acid

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(PFHxS) notification level of 0.000003 mg/L and response level of 0.000020 mg/L; and

15. WHEREAS, by and through this Order, the State Water Board is exercising its authority under Health and Safety Code section 116378 to require those public water systems listed in Exhibit A to this Order to monitor for PFAS in accordance with the conditions set forth below.

THEREFORE, the State Water Board, by and through its Division of Drinking Water, hereby orders the public water systems listed in Exhibit A to this Order, and if not listed, receives at a later date a Notice of Applicability, to monitor for PFAS as follows:

1. On or before April 1st, 2024, register at <https://pfas.owp.csus.edu>. Indicate if requesting free sampling services provided by California State University Sacramento's Office of Water Programs (OWP) and designate your contact for scheduling or if intending to self-sample. Not all self-sampling requests will be granted. If selected to self-sample, free sampling kits will be provided, including shipping to and analysis by DDW's contracted laboratory.
2. If using OWP's free sampling services, OWP will propose a sampling date for each well. Respond within 30 days via email or phone to confirm the sampling date or reach a mutually agreed sampling date for all wells to be sampled under this order.
3. On or before August 31st, 2026, collect a sample, or if using OWP's free sampling services, provide access for sample collection, from the sources listed in Exhibit A to be analyzed for PFAS.
4. If directed by DDW, collect additional samples from the sources listed in Exhibit A to be analyzed for PFAS on or before December 31st, 2026.
5. Samples collected under paragraphs No. 3 and 4 above must be analyzed by DDW's contracted laboratory. All other samples, including confirmation samples, must be analyzed using a laboratory accredited by the California Environmental

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Laboratory Accreditation Program (ELAP) for analysis of PFAS using EPA Method 533. The laboratory must conduct and report electronically a complete analysis for all PFAS analytes under EPA Method 533.

6. Use OWP's free sampling services for monitoring under paragraphs No. 3 and 4 above unless otherwise directed by DDW.
7. Provide a certified Treatment or Distribution Operator to assist the sampling team with site access and to aid in pump and valve operations if using OWP's free sampling services.
8. Attend training and follow all instructions if selected to self-sample.
9. A PFAS detection is a positive finding of a quantifiable amount above the established detection level requirement for any PFAS analyte tested pursuant to this Order. For the purposes of meeting the requirements in Health and Safety Code section 116378, the established detection level requirement for each PFAS analyte will be identified as the Consumer Confidence Report Detection Level (CCRDL). The detection level requirement for each PFAS constituent for which monitoring is required in this Order is identified by the State Water Board and attached to this Order.
10. If a laboratory reports the detection of PFAS in any sample at a concentration greater than the established Detection Level per analyte in Exhibit B, the CCRDL, the water system will have the option of voluntarily collecting one or two confirmation samples within 30 days of being notified of the initial detected result by the laboratory.
11. If a PFAS detection is followed by a confirmation sample with a result less than the Detection Level, a second confirmation sample may be taken by the water system. Both the first and second voluntary confirmation samples must be collected within 30 days of the notification by the laboratory of the initial detected sample result. An initial detected result will be disregarded if both confirmation

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samples do not show the detection of the PFAS contaminant. If no confirmation sample – or only one confirmation sample – is collected, the initial detection must be presumed to be confirmed.

12. If the PFAS detection is confirmed, results of the initial and confirmation samples will be averaged to determine if the confirmed detection is greater than the applicable notification level and/or response level. For calculation purposes, a result below the established detection level will be assigned a value of zero when averaging.
13. If the PFAS detection is confirmed, the detection must be reported in the water system's annual consumer confidence report.
14. If the results of a PFAS detection are confirmed to exceed a notification level, the water system must report the detection as required by Health and Safety Code section 116455. Section 116455 notification is required within 30 days after the water system is first informed by the laboratory of a confirmed detection of the contaminant that exceeds the notification level. As required by section 116455, if the public water system is a retail water system, then the person operating the retail water system must notify the retail water system's governing body and the governing body of any local agency whose jurisdiction includes areas supplied with drinking water by the retail water system. If the public water system is a wholesale water system, then the person operating the wholesale water system must notify the wholesale water system's governing body and the water systems that are directly supplied with that drinking water.
15. The specific methodology to determine response level exceedances is dependent on the PFAS analyte and health endpoint. An exceedance may be determined by calculating a quarterly running annual average (QRAA), a single or confirmed sample, or as prescribed in the PFAS analytes Notification Level Issuance by DDW. To determine whether monitoring shows an exceedance of a

response level, refer to the appropriate methodology of the PFAS analyte.

Exhibit B provides a summary of this information but may not be inclusive as new advisory levels are issued.

16. To determine whether monitoring shows an exceedance of a response level for those PFAS analytes that do not use the QRAA method, either a single sample or a confirmed sample is used to determine if the response level is exceeded. Except for PFHxS, if laboratory analysis detects the presence of a constituent in any sample above the response level, the water system will have an option to conduct a confirmation sample within 30 days of being notified of the result by the laboratory. If a confirmation sample is collected and analyzed, all results will be averaged. For PFHxS, if laboratory analysis detects the presence of a constituent in any sample above the response level, the water system will not have an option to conduct a confirmation sample and can request to the laboratory the use of the field duplicate to confirm the results. If the duplicate is analyzed, the result will be averaged.
17. To determine whether monitoring shows an exceedance of a response level for those PFAS analytes using the QRAA method, the water system must calculate a QRAA. The QRAA means the average of sample results taken at an individual source, treatment effluent, or delivered water locations for the identified source during four calendar quarters. The QRAA is re-calculated each quarter using the most recent four quarters of results. A single sample may result in the exceedance of the response level. If any sample would cause the QRAA to exceed a response level, the water source would be deemed to have exceeded the response level. If sampling has just begun and there are less than 4 quarters of results to average, then the other quarters will be considered to have a zero value and the quarterly results would be divided by four. If a system takes more than one sample in a quarter, the average of all the results for that quarter must

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be used when calculating the running annual average. If a system with at least 4 quarterly results does not have four consecutive quarters of monitoring, the running annual average must be based on the 4 most recent results.

18. If any monitoring is undertaken pursuant to this Order results in a concentration of PFAS in the water entering the distribution system that exceeds a response level, the water system must either (1) take the source out of service immediately; (2) utilize treatment or blending; or (3) provide public notification of the response level exceedance. Additionally, the exceedance of the response level must be reported in the annual consumer confidence report.
19. In addition to the sources listed in this Order, public water systems that provide treatment (for example, blending, granular activated carbon, ion exchange, or reverse osmosis treatment) can also voluntarily sample the treated or delivered water to determine notification requirements. If treated water or delivered water samples are proposed to be voluntarily collected, please contact the local DDW district office for input on sampling location and configuration.
20. Public notification for community or nontransient-noncommunity water systems that are delivering water exceeding a response level must meet the requirements of Health and Safety Code section 116378 and either take the source out of use or complete the public notification requirements.
21. The results of all analyses conducted pursuant to this Order must be reported to the Board by the analyzing laboratory using the EDT (Electronic Data Transfer) process in accordance with Section 64469 of Title 22 of the California Code of Regulations. Analytical results must be reported no later than the 10th day of the month following the month in which laboratory analysis was completed.

The State Water Board reserves the right to make modifications to this Order as it may deem necessary to protect public health and safety.

SEVERABILITY

The requirements of this Order are severable, and each public water system listed in Exhibit A must comply with each and every provision thereof notwithstanding the effectiveness of any provision.

FURTHER ENFORCEMENT ACTION

The California Safe Drinking Water Act authorizes the State Water Board to issue a citation or order with the assessment of administrative penalties to a public water system for violation or continued violation of the requirements of the California Safe Drinking Water Act or any regulation, permit, standard, citation, or order issued or adopted thereunder including. The California Safe Drinking Water Act also authorizes the State Water Board to take action to suspend or revoke a permit that has been issued to a public water system if the public water system has violated applicable law or regulations or has failed to comply with an order of the State Water Board, and to petition the superior court to take various enforcement measures against a public water system that has failed to comply with an order of the State Water Board.



Darrin Polhemus, Deputy Director
State Water Resources Control Board
Division of Drinking Water

March 4, 2024

Date

Exhibit A – List of Sources Subject to General Order DW 2024-0002-DDW
Exhibit B - Consumer Confidence Report Detection Levels (CCRDL) and Advisory Levels

RESOLUTION NO. 2025-003

**A RESOLUTION OF THE WATER BOARD OF THE CITY OF SAN BERNARDINO RECOGNIZING
JOHNNY GARCIA FOR MORE THAN THIRTY-THREE YEARS OF DEDICATED SERVICE TO THE CITY OF
SAN BERNARDINO MUNICIPAL WATER DEPARTMENT.**

WHEREAS, Johnny first entered into employment with the City of San Bernardino Municipal Water Department on October 30, 1990, as a Water Utility Construction Mechanic I; and

WHEREAS, Johnny achieved numerous promotions during his tenure from Water Utility Construction Mechanic I to Field Service Representative I, Field Service Representative II, Field and Meter Services Lead Worker, and lastly Field and Meter Services Supervisor; and

WHEREAS, Johnny had extensive knowledge of meter reading principles, techniques, and practices and was often called by other sections of the Department for assistance in finding services; and

WHEREAS, Johnny always presented a professional attitude and demeanor when interacting with the public, regularly responding to many high inquiry requests from customers and ensuring he answered all questions they had; and

WHEREAS, Johnny always made safety a priority, consistently and quickly responding to incidents in the field including missing lids and damaged meter boxes; and

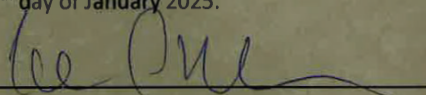
WHEREAS, Johnny volunteered and participated in section events such as the Children's Cancer Foundation of Southern California holiday craft party, landscape classes, and community meetings to present water rate increases; and

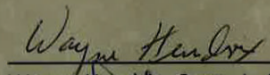
WHEREAS, Johnny formally retired from the City of San Bernardino Municipal Water Department on October 11, 2024.

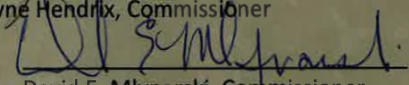
NOW, THEREFORE, BE IT RESOLVED that the Water Board of the City of San Bernardino hereby commends Johnny Garcia for his dedicated and loyal service to the City of San Bernardino Municipal Water Department and wishes him a long and pleasurable retirement.

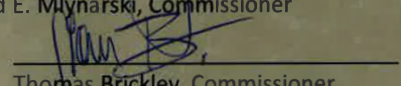
BE IT FURTHER RESOLVED that this Resolution be presented to Johnny Garcia.

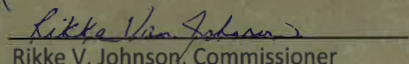
I HEREBY CERTIFY that the foregoing resolution was duly adopted by the Water Board of the City of San Bernardino at a regular meeting thereof, held on the 14th day of January 2025.


Toni Callicott, President


Wayne Hendrix, Commissioner


David E. Mlynarski, Commissioner


Thomas Brickley, Commissioner

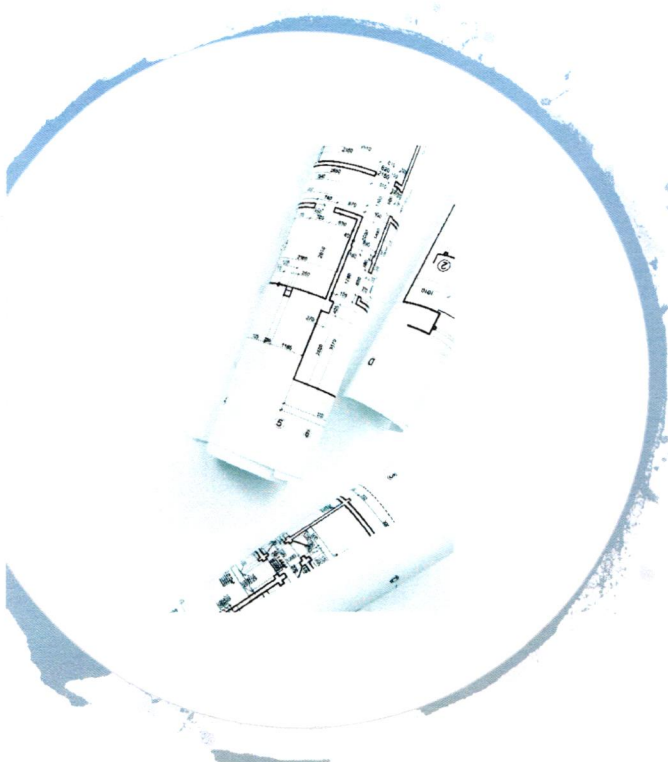

Rikke V. Johnson, Commissioner





Water Facilities Relocation Project Update

March 25, 2025



Topics

- Construction Progress
- Summary of Changes
- Schedule Highlights

Construction Progress



- Construction awarded on February 13, 2024
- NTP was issued on March 25, 2024
- Original construction duration of 14 months
- Completed Items:
 - Foundation and Structural Components
 - Roofing System
 - Rough In of Electrical, Plumbing, and HVAC Work
 - Rough Paving of West and South Parking Areas
 - Majority of Site Utilities
 - Exterior Stucco Finishes

Installation of Structural Elements



Pumping Cement in Early Morning Hours



Foundation and Main Structural Components Completed



Rough Framing in the Engineering Area



Interior Finishing of the Engineering Area



Rough Framing of Water Board Room



Interior Finishing of Water Board Room



Rough Electrical, Plumbing, and HVAC Work Above Ceiling



Rough Framing in Lobby Area



Interior Finishing of Lobby Area



Rough Framing and Shear Panels of Front Lobby Exterior



Placing Stucco and Glass at Front Lobby Exterior



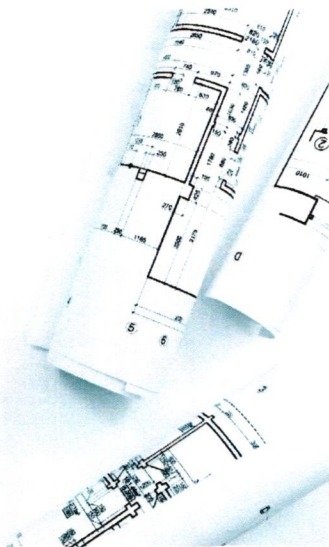
Protecting Excavations for Footings in Demonstration Garden



Summary of Changes

Change Order Description	Dollar Value	Net Change in Contract Price (%)
Slot Trenching to Protect Existing Gas and Fiber Lines	\$90,127.78	0.38
Additional Flooring in Room 302	\$11,938.28	0.05
Credit for McCable Substitution in lieu of Conduit and Cable	(\$34,508.25)	(.14)
Additional Electrical Floor Boxes in Board Room	\$51,435.12	0.22
Additional HVAC-related Work	\$107,259.74	0.95
Additional Curbs for Fan Coils	\$15,873.44	0.07
Additional Electrical and Audio Video Rough Ins	\$41,250.02	0.17
Cumulative Amount	\$193,249	1.19%

Construction Schedule Highlights





Questions or
Comments?