

# **PUBLIC PARTICIPATION NOTICE**

Public Participation Accessibility for the Paramount City Council meeting scheduled for **April 19, 2022**.

### In-person Attendance:

The public may attend the City Council meeting in-person. All individuals will be required to wear a face covering.

### View the City Council meeting live stream:

- YouTube Channel <a href="https://www.youtube.com/user/cityofparamount">https://www.youtube.com/user/cityofparamount</a>
- Spectrum Cable TV Channel 36

### **Public Comments:**

Members of the public wanting to address the City Council, either during public comments or for a specific agenda item, or both, may do so by the following methods:

In-Person

If you wish to make a statement, please complete a Speaker's Card prior to the commencement of the Public Comments period of the meeting. Speaker's Cards are located at the entrance. Give your completed card to a staff member and when your name is called, please go to the podium provided for the public.

• E-mail: crequest@paramountcity.com

E-mail public comments must be received by **4:45 p.m.** on **Tuesday, April 19, 2022.** The e-mail must specify the following information: 1) Full Name; 2) City of Residence; 3) Phone Number; 4) Public Comment or Agenda Item No; 5) Subject; 6) Written Comments.

### • Teleconference: (562) 220-2225

Participants wishing to address the City Council by teleconference should call City Hall at **(562) 220-2225** by **4:45 p.m.** on **Tuesday, April 19, 2022** and provide the following information: 1) Full Name; 2) City of Residence; 3) Phone Number; 4) Public Comment or Agenda Item No; 5) Subject. Teleconference participants will be logged in, placed in a queue and called back during the City Council meeting on speaker phone to provide their comments.

All public comments are limited to a maximum of three minutes unless an extension is granted. Please be mindful that the meeting will be recorded as any other person is recorded when appearing before the City Council, and all other rules of procedure and decorum will apply when addressing the City Council by teleconference.

AGENDA

Paramount City Council April 19, 2022



Safe, Healthy, and Attractive

Adjourned Meeting City Hall Council Chambers 5:00 p.m.

City of Paramount 16400 Colorado Avenue ♦ Paramount, CA 90723 ♦ (562) 220-2000 ♦ www.paramountcity.com

**Public Comments:** If you wish to make a statement, please complete a Speaker's Card prior to the commencement of the Public Comments period of the meeting. Speaker's Cards are located at the entrance. Give your completed card to a staff member and when your name is called, please go to the podium provided for the public. Persons are limited to a maximum of three (3) minutes unless an extension of time is granted. No action may be taken on items not on the agenda except as provided by law. For additional ways to participate and provide public comments, see the preceding Public Participation Notice.

<u>Americans with Disabilities Act</u>: In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the City Clerk's office at (562) 220-2225 at least 48 hours prior to the meeting to enable the City to make reasonable arrangements to ensure accessibility to this meeting.

**Note:** Agenda items are on file in the City Clerk's office and are available for public inspection during normal business hours. Materials related to an item on this Agenda submitted after distribution of the agenda packet are also available for public inspection during normal business hours in the City Clerk's office. The office of the City Clerk is located at City Hall, 16400 Colorado Avenue, Paramount.

<u>Notes</u>

CALL TO ORDER:

ROLL CALL OF COUNCILMEMBERS: Mayor Vilma Cuellar Stallings

Councilmember Laurie Guillen Councilmember Peggy Lemons Councilmember Brenda Olmos Vice Mayor Isabel Aguayo Mayor Vilma Cuellar Stallings

### **CITY COUNCIL PUBLIC COMMENT UPDATES**

### PUBLIC COMMENTS

#### PRESENTATIONS

- 2. PROCLAMATION Fair Housing Month April 2022
- 3. **PROCLAMATION** Arbor Day April 29, 2022
- 4. **PROCLAMATION** DMV/Donate Life Month April 2022
- 5. **PROCLAMATION** Alcohol Awareness Month April 2022
- 6. **PROCLAMATION** Autism Awareness Month April 2022
- 7. <u>PROCLAMATION</u> National Child Abuse Prevention Month April 2022
- 8. <u>PROCLAMATION</u> National Sexual Assault Awareness Month – April 2022
- 9. <u>VIDEO</u> School Traffic Safety

Highlighting Women's History Month

- News Feature 19th Amendment Art Piece Unveiling
- News Feature All Female City Council
- Spectrum News Channel 1 Interview

### CONSENT CALENDAR

VIDEOS

10.

All items under the Consent Calendar may be enacted by one motion. Any item may be removed from the Consent Calendar and acted upon separately by the City Council TBD

11.	ACCEPTANCE OF WORK	Neighborhood Street Resurfacing Improvements Project Fiscal Year .2021 and Vermont Avenue Traffic Calming Improvements (City Project Nos. 9131 and 9137)
12.	APPROVAL	Authorization to Purchase Barricades
13.	RESOLUTION NO. 22:025	Ordering the Annual Engineer's Report for Landscape Maintenance District No. 81-1

#### **NEW BUSINESS**

14.	<u>RESOLUTION NO.</u> 22:024	Affirming the FY 2022-2023 Budget for the use of Funds Provided by the Road Repair Accountability Act of 2017 (SB1)
15.	AWARD OF CONTRACT	Arterial Street Resurfacing Improvements for FY 2022 (City Project No. 9230)
16.	<u>APPROVAL</u>	Professional Services Agreement with Hazen and Sawyer for a Site Investigation Report on the Vermont Avenue Water Infrastructure Facility
17.	<u>APPROVAL</u>	Authorization to Purchase and Install Paramount Park and Progress Park Ballfield Lighting Retrofit
18.	<u>APPROVAL</u>	Authorization to Purchase and Install Paramount Park Gym Replacement Bleacher
19.	<u>APPROVAL</u>	Neighborhood Permit Parking Request for the 6400 through 6500 Block of Alondra Boulevard
20.	<u>APPROVAL</u>	Extension of Commissioner and Mayor's Appointment Terms to Align with New Election Cycle

### **ENVIRONMENTAL SUSTAINABILITY NEW BUSINESS**

21. <u>RESOLUTUION NO.</u> <u>22:027</u> Authorizing the Submittal of a Grant Application for Funding from the Lower Los Angeles Rivers and Mountains Conservancy for the Water Quality, Supply and Infrastructure Improvement Act of 2014 (Proposition 1), for the Spane Park Stormwater Capture Project

### **COMMENTS/COMMITTEE REPORTS**

- Councilmembers
- Staff

### **CLOSED SESSION**

CONFERENCE WITH LABOR NEGOTIATORS GOVT. CODE SECTION 54957.6 City Representatives: Andrew Vialpando/Irma Moisa Employee Organization: Teamsters

### ADJOURNMENT

To a meeting on May 3, 2022 beginning at 6:00 p.m.

H:\CityManager\AGENDA\AGENDASH\2022\04-19-2022AdjAgSht-cc.docx; 4/15/2022 8:43 AM

## City Council Public Comment Updates April 19, 2022

From the April 5, 2022 City Council Meeting:

Commenter	Request/Issue/Concern	Action/Comment
Abelardo Jacobo	Requested a status update from the Planning Department regarding the driveway apron on Elberg St. as part of the project development at 14113 Downey Ave. Mr. Jacobo also referenced an email he obtained through a Public Records Act Request. He claimed that the email shows that City staff is being deceptive about driveway apron alternatives on the Downey Ave. side of the project by saying that staff discussed two driveway aprons being feasible on Downey Ave. in lieu of a driveway on Elberg Ave.	Planning Director John Carver emailed Mr. Jacobo on April 12, 2022 to inform him that the driveway apron on Elberg St. is still in the design phase of the project. Mr. Jacobo's account about the contents of the email on the subject of the driveway apron alternatives on Downey Ave. is erroneous. In the email Mr. Jacobo obtained, Assistant Planning Director John King indicated that adding two driveway aprons on Downey Ave. would result in a loss of six parking stalls for the project development, and therefore is not recommended. In response, Assistant City Manager Andrew Vialpando agreed with Mr. King's assessment. The City Council was provided a copy of the email in reference on April 15, 2022.
Emily Blessing and Nita Juhasz	Complained about staff and patron vehicles from La Paz Geriopsychiatric Center parking on Vans St., as well as noise from staff taking out trash cans and an HVAC unit in operation. Both speakers claimed that the vehicles from La Paz are a parking nuisance for their block. Ms. Juhasz requested that the City install time limit painted curbs on the north side of Vans St. to deter La Paz patrons and employees from parking on the street. They also referenced an	Councilmember Lemons and City Manager Moreno provided a brief history on this area, explaining that staff has been actively addressing these same nuisances for over 20 years. Over this time, La Paz management has changed numerous times, resulting in staff having to reengage to explain the provisions of the parking agreement. Interim Public Safety Director Maggie Matson met with La Paz Regional Director Kirk deVerteuil and Administrative Director Charles Ude on April 12, 2022. The directors conveyed that La Paz staff is directed not park on

City Council Public Comment Updates April 19, 2022 Page 2 of 2

Commenter	Request/Issue/Concern	Action/Comment
	agreement the City entered into with La Paz from 1988 that stipulated La Paz employees must park on their property.	the residential street. Their efforts include educating their employees by generating a weekly newsletter with a map showing La Paz employees where to park, which they shared with staff. They have 25 dedicated parking stalls in their lot reserved for their staff. They explained that although visitors may occasionally park on the street (i.e. family members) for the patients housed at La Paz, they only park on the opposite of the street from Ms. Blessing and Ms. Juhasz. Public Safety will continue to provide extra patrol for parking enforcement as a preventative measure. As for the noise complaints, Ms. Matson did not observe any excessive noise disturbances.

H:\CityManager\AGENDA\PUBLIC COMMENT UPDATES\2022\Public Comment Updates 2022-04-05.docx

## PROCLAMATION NATIONAL LIBRARY WEEK

## PROCLAMATION FAIR HOUSING MONTH

## PROCLAMATION ARBOR DAY

## PROCLAMATION DMV/DONATE LIFE MONTH

### PROCLAMATION

### ALCOHOL AWARENESS MONTH

### **PROCLAMATION**

### AUTISM AWARENESS MONTH

### PROCLAMATION

## NATIONAL CHILD ABUSE PREVENTION MONTH

### PROCLAMATION

## NATIONAL SEXUAL ASSAULT AWARENESS MONTH

### <u>VIDEO</u>

SCHOOL TRAFFIC SAFETY

### **VIDEOS**

HIGHLIGHTING WOMEN'S HISTORY MONTH

- NEWS FEATURE 19TH AMENDMENT ART PIECE UNVEILING
- NEWS FEATURE ALL FEMALE CITY COUNCIL
- SPECTRUM NEWS CHANNEL 1 INTERVIEW

### ACCEPTANCE OF WORK

NEIGHBORHOOD STREET RESURFACING IMPROVEMENTS PROJECT FOR FISCAL YEAR 2021 AND VERMONT AVENUE TRAFFIC CALMING IMPROVEMENTS (CITY PROJECT NOS. 9131 AND 9137)

### MOTION IN ORDER:

ACCEPT THE WORK PERFORMED BY ALL AMERICAN ASPHALT, CORONA, CALIFORNIA, FOR THE NEIGHBORHOOD STREET RESURFACING IMPROVEMENTS PROJECT FOR FISCAL YEAR 2021 AND VERMONT AVENUE TRAFFIC CALMING IMPROVEMENTS AND AUTHORIZE PAYMENT OF THE RETENTION.

MOTION:	ROLL CALL VOTE:
MOVED BY:	AYES:
SECONDED BY:	NOES:
[] APPROVED	ABSENT:
[] DENIED	ABSTAIN:



To: Honorable City Council

From: John Moreno, City Manager

By: Adriana Figueroa, Public Works Director

Date: April 19, 2022

### Subject: ACCEPTANCE OF WORK FOR THE NEIGHBORHOOD STREET RESURFACING IMPROVEMENTS PROJECT FOR FISCAL YEAR 2021 AND VERMONT AVENUE TRAFFIC CALMING IMPROVEMENTS (CITY PROJECT NOS 9131 AND 9137)

The work performed under this contract has been inspected under the supervision of the Public Works Director, in conformance with Section 6-8 of the Standard Specifications for Public Works Construction.

The project was completed on February 16, 2022 and the Notice of Completion will be filed with the Los Angeles County Recorder's office after approval by the City Council. The contract retention of \$78,752.00 will be held for thirty-five (35) days from that date.

Under this project, the following streets were resurfaced:

Street Location	Beginning	<u>E</u>
First Street	Indiana Avenue	E
Colorado Avenue	Rose Avenue	E
Second Street	Paramount Boulevard	D
Century Boulevard	Ruther Avenue	Ba
Pearle Street	Arthur Avenue	Pa
Howe Street	Arthur Avenue	Pa
Orange Avenue	Rosecrans Avenue	С
Garfield Avenue Median	N/O Rosecrans Avenue	26
Vermont Avenue	Alondra Avenue	Ja
Hunsaker Avenue	Myrrh Street (Bulb-out)	
Rosecrans Avenue	Striping LA River Bridge Deck	

<u>End</u> End of cul-de-sac End of cul-de-sac Downey Avenue Barlin Avenue Paramount Boulevard Paramount Boulevard Cul-de-sac 260-feet Jackson Avenue (Traffic Calming)

This project incorporated traffic calming measures on Vermont Avenue, Hunsaker Avenue and Garfield Avenue and striping on Rosecrans Avenue bridge deck over the Los Angeles River and the final construction cost is \$1,575,039.92.

### **RECOMMENDED ACTION**

It is recommended that the City Council accept the work performed by All American Asphalt, Corona, California, for the neighborhood street resurfacing improvements project for Fiscal Year 2021 and Vermont Avenue traffic calming improvements and authorize payment of the remaining retention.

## AUTHORIZATION TO PURCHASE BARRICADES

MOTION IN ORDER:

AUTHORIZE THE PURCHASE OF BARRICADES BY MERIDIAN DEFENSE GROUP, IN THE AMOUNT OF \$95,856.13.

MOTION:	ROLL CALL VOTE:
MOVED BY:	AYES:
SECONDED BY:	NOES:
[] APPROVED	ABSENT:
[] DENIED	ABSTAIN:



То:	Honorable City Council
From:	John Moreno, City Manager
By:	Adriana Figueroa, Public Works Director Sarah Ho, Public Works Assistant Director
Date:	April 19, 2022

### Subject: AUTHORIZATION TO PURCHASE BARRICADES

### BACKGROUND

As part of the Fiscal Year 2022 budget, funds were allocated for the purchase of parade barricades to be utilized by the Public Works department for road closure purposes.

### DISCUSSION

The City provides several special events for our residents to attend that require a street closure. Each closure requires different equipment to ensure that our residents are safe during these events and staff is always looking for additional safety measures to make that happen. We found a road barricade product sold by Meridian Rapid Defense Group that is used by several other cities and organizations. The Archer mobile barrier system can be set up by City staff to prevent unauthorized vehicle access quickly and effectively.

Staff received a quote from Meridian for eight (8) barriers and a trailer for a total of \$95,856.13. This amount is above the budgeted amount of \$85,000 in the FY22 budget, and will be adjusted during the final budget process. According to the City's purchasing policy, purchases of equipment in excess of \$25,000 need to be approved by the City Council. As Meridian Rapid defense group is the sole provider for these types of barricades, we are recommending Meridian as the sole source provider.

### VISION, MISSION, VALUES, AND STRATEGIC OUTCOMES

The City's Vision, Mission, and Values set the standard for the organization; establish priorities, uniformity and guidelines; and provide the framework for policy decision making. The Strategic Outcomes were implemented to provide a pathway to achieving the City's Vision. This item aligns with Strategic Outcome No. 1: Safe Community.

#### **RECOMMENDED ACTION**

It is recommended that the City Council authorize the purchase of barricades by Meridian Defense Group, in the amount of \$95,856.13.

### **RESOLUTION NO. 22:025**

"A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PARAMOUNT ORDERING THE ANNUAL ENGINEER'S REPORT FOR LANDSCAPE MAINTENANCE DISTRICT NO. 81-1"

### MOTION IN ORDER:

READ BY TITLE ONLY AND ADOPT RESOLUTION NO. 22:025.

MOTION:	ROLL CALL VOTE:
MOVED BY:	AYES:
SECONDED BY:	NOES:
[] APPROVED	ABSENT:
[] DENIED	ABSTAIN:



To: Honorable City Council

From: John Moreno, City Manager

**By:** Adriana Figueroa, Public Works Director Rafael O. Casillas, City Engineer

**Date:** April 19, 2022

### Subject: RESOLUTION NO. 22:025 ORDERING THE ANNUAL ENGINEER'S REPORT FOR LANDSCAPE MAINTENANCE DISTRICT NO. 81-1

Landscape Maintenance District No. 81-1 was formed by the City Council in June 1981 to levy and collect annual assessments for the continued maintenance of the public rightof-way in the Orange Avenue Industrial Park. The District was formed in response to requests for its formation by the majority of the property owners in the District.

Pursuant to the Landscaping and Lighting Act of 1972, the City Council must annually adopt a resolution to order the Engineer to prepare and file a report. The Engineer's Report includes the plans and specifications, estimate of costs, diagram of the landscaping maintenance district, and an assessment of the total costs.

### **RECOMMENDED ACTION**

It is recommended that the City Council read by title only and adopt Resolution No. 22:025.

### CITY OF PARAMOUNT LOS ANGELES COUNTY, CALIFORNIA

#### **RESOLUTION NO. 22:025**

### A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PARAMOUNT ORDERING THE ANNUAL ENGINEER'S REPORT FOR LANDSCAPE MAINTENANCE DISTRICT NO. 81-1

WHEREAS, the City Council of the City of Paramount on June 2, 1981, ordered the improvements and formation of Landscape and Maintenance Assessment District No. 81-1 pursuant to the terms and provisions of the "Landscaping and Lighting Act of 1972", being Division 15, Part 2 of the Streets and Highways Code of the State of California, in what is known and designated as the Orange Avenue Industrial Park (hereinafter referred to as the "Maintenance District"); and

WHEREAS, that these proceedings for the annual levy of assessment shall relate to the fiscal year commencing July 1, 2022 and ending June 30, 2023; and

WHEREAS, there has been submitted, at this time, to this City Council for its consideration, a map as set forth as attachment "A", showing the boundaries of the area affected by the levy of the assessment for the above referenced fiscal year, and said map further shows and describes in general, a description of the works of improvement to be maintained under these improvements, and said description is general in its nature and sufficient to identify the works of improvement and the areas proposed to be assessed for said maintenance; and

WHEREAS, the provisions of said Division 15, Part 2 require a written Report consisting of the following:

- 1. Plans and specifications of the area of the works of improvement to be maintained;
- 2. An estimate of the costs for maintaining the improvements for the ensuing fiscal year;
- 3. A diagram of the area proposed to be assessed; and
- 4. An assessment of the estimated costs for the maintenance work for said fiscal year.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF PARAMOUNT AS FOLLOWS:

**SECTION 1.** The above recitations are true and correct.

**SECTION 2.** That the attached map, as submitted to this City Council, showing the boundaries of the proposed areas to be assessed and showing the works of improvement to be maintained, is hereby approved and adopted by this City Council. A copy of said map shall be on file in the Office of the City Clerk and open for public inspection. The map, as submitted, is hereby entitled the Landscape Maintenance District 81-1.

**SECTION 3**. That the proposed maintenance work within the area proposed to be assessed shall be for certain landscaping and/or street lighting improvements, as said maintenance work is set forth in the "Report" to be presented to this City Council for consideration.

**SECTION 4.** That the City of Paramount City Engineer is hereby ordered to prepare and file with the City Council a "Report" relating to said annual assessment and levy in accordance with the provisions of Article IV, commencing with Section 22565 of Chapter 1 of the Streets and Highways Code of the State of California.

**SECTION 5.** That upon completion, said "Report" shall be filed with the City Clerk, who shall then submit the same to this City Council for its consideration pursuant to Sections 22623 and 22624 of said Streets and Highways Code.

**<u>SECTION 6</u>**. This Resolution shall take effect immediately upon its adoption.

PASSED, APPROVED, and ADOPTED by the City Council of the City of Paramount this 19<sup>th</sup> day of April 2022.

Mayor

ATTEST:

Heidi Luce, City Clerk

H:\Public Works\PWAGENDA\COMMON FILE\Reso 22025.docx;4/13/2022 11:15 AM

### City of Paramount Landscape Maintenance District No. 81-1 ATTACHMENT A



### RESOLUTION NO. 22:024

"A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PARAMOUNT AFFIRMING THE FISCAL YEAR 2022-2023 BUDGET FOR THE USE OF FUNDS PROVIDED BY THE ROAD REPAIR AND ACCOUNTABILITY ACT OF 2017 (SB 1)"

MOTION IN ORDER:

READ BY TITLE ONLY AND ADOPT RESOLUTION NO. 22:024.

MOTION:	ROLL CALL VOTE:
MOVED BY:	AYES:
SECONDED BY:	NOES:
[] APPROVED	ABSENT:
[] DENIED	ABSTAIN:



To: Honorable City Council

From: John Moreno, City Manager

- By: Adriana Figueroa, Public Works Director Rafael O. Casillas, City Engineer
- Date: April 19, 2022

### Subject: RESOLUTION NO. 22:024 AFFIRMING THE FISCAL YEAR 2022-2023 BUDGET FOR THE USE OF FUNDS PROVIDED BY THE ROAD REPAIR AND ACCOUNTABILITY ACT OF 2017 (SB 1)

On April 28, 2017, the Governor of California signed Senate Bill 1 (SB 1), the Road Repair and Accountability Act of 2017, also known as the Road Maintenance and Rehabilitation Account (RMRA). Funded through a per gallon fuel tax and vehicle registration fees, SB 1 provides additional state funding to address basic road maintenance, rehabilitation, and critical safety needs on highways and local streets.

The City of Paramount is projected to receive approximately \$1,258,265 in RMRA funds in Fiscal Year 2022-2023. Pursuant to Street and Highways Code (SHC) Section 2034, prior to receiving an apportionment of funds each city or county is required to have identified RMRA eligible capital projects by resolution adopted by the City Council. As we prepare our FY 2022-2023 budget, it is necessary to identify an SB 1 funded project

The City prepares a Pavement Management Plan every five (5) years to assess the conditions of our streets citywide. This Plan was recently updated in FY 2019/2020 and it is used annually in the selection of streets that are to be part of our Annual Neighborhood Street Resurfacing Project.

The Neighborhood Street Resurfacing project will be included in the adopted budget for Fiscal Year 2022-2023 using SB 1 funds. The following streets are proposed to be slurry sealed as part of this project:

Street Location	Beginning	End
Racine Avenue	Happy Street	End of Cul-De-Sac
Façade Avenue	Racine Avenue	Century Boulevard
Brightwell Avenue	Racine Avenue	Happy Street
Fairlock Avenue	Racine Avenue	105 Freeway
Garfield Ave (Svc Road)	Lionel Street	Rood Street
Rood Street	Garfield Avenue	End of Cul-De-Sac
Lionel Street	Rood Street	Garfield Avenue
Pelton Avenue	Rood Street	Lionel Street

Purdin Avenue	Rood Street	Lionel Street
Leatart Avenue	Rood Street	Lionel Street
Mendy Street	Garfield Avenue	Pelton Avenue
Twenty (20) various alleys within the City limits		

The following streets are proposed to be overlay as part of this project:

Street Location	Beginning	End
Happy Street	Mendy Street	Façade Avenue
Florine Avenue	Racine Avenue	Century Boulevard
Mendy Street	Garfield Avenue	Façade Avenue
Racine Avenue	Mendy Street	105 Freeway

Senate Bill 1 includes a "maintenance of effort" requirement for local funds contributed to street and road repairs to help ensure that the new funding augments existing budgets for road repairs. Specifically, it requires each city to spend no less than the annual average from its general fund during the base years of FY 2010 through FY 2012. If a city has a Pavement Condition Index (PCI) score of 80 or higher, it may spend the funds on other transportation priorities.

The City of Paramount's PCI is currently at 70, or "Very Good" under the Corps of Engineers standard rankings. A PCI of 70 is considered a desirable level for an average PCI and is consistent with many of our neighboring cities. With the additional funding from SB 1, we will continue to augment our regularly planned street repairs in order to increase our PCI.

#### RECOMMENDED ACTION

It is recommended that the City Council read by title only and adopt Resolution No. 22:024.

### CITY OF PARAMOUNT LOS ANGELES COUNTY, CALIFORNIA

#### **RESOLUTION NO. 22:024**

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PARAMOUNT AFFIRMING THE FISCAL YEAR 2022-2023 BUDGET FOR THE USE OF FUNDS PROVIDED BY THE ROAD REPAIR AND ACCOUNTABILITY ACT OF 2017 (SB 1)

WHEREAS, the Governor of California on April 28, 2017 signed Senate Bill 1, the Road Repair and Accountability Act of 2017, also known as the Road Maintenance and Rehabilitation Account (RMRA), to address basic road maintenance, rehabilitation, and critical safety needs on highways and local streets, which is funded through a per gallon fuel tax and vehicle registration fees; and

WHEREAS, pursuant to Street and Highways Code (SHC) Section 2034, each eligible city or county prior to receiving an apportionment of RMRA funds is required to have identifiable capital projects in a budget adopted or amended by the governing body that monies provided by RMRA will fund; and

WHEREAS, pursuant to SHC Section 2030, RMRA funds are to be prioritized for expenditure on basic road maintenance and rehabilitation projects, and on critical safety projects, railroad grade separations, complete street components including active transportation purposes, pedestrian and bicycle safety projects, transit facilities, and drainage and storm water recapture projects in conjunction with any other allowable project, and traffic control devices; and

WHEREAS, pursuant to SHC Section 2037, a city or county may spend its apportionment of RMRA funds on transportation priorities other than those outlined in SHC Section 2030, if the city or county's average Pavement Condition Index (PCI) meets or exceeds 80. City of Paramount's current average PCI is 70, which is considered very good; and

WHEREAS, pursuant to SHC Section 2036, a city or county may spend its apportionment of RMRA funds for general fund transportation expenses in excess of the maintenance of effort as calculated in the Street Report as the average general fund expenditures for street, road and highway purposes in Fiscal Years 2009-2010, 2010-2011 and 2011-2012. City of Paramount uses a pavement management system to develop the SB 1 project list; and

WHEREAS, the City of Paramount is projected to receive approximately \$1,258,265 in RMRA funds in Fiscal Year 2022-2023.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF PARAMOUNT AS FOLLOWS:

**SECTION 1**. The above recitations are true and correct.

**SECTION 2.** The City of Paramount has identified the following RMRA capital project to be included in the adopted budget for Fiscal Year 2022-2023:

The following streets are proposed to be slurry sealed as part of this project:

Street Location	Beginning	End	
Racine Avenue	Happy Street	End of Cul-De-Sac	
Façade Avenue	Racine Avenue	Century Boulevard	
Brightwell Avenue	Racine Avenue	Happy Street	
Fairlock Avenue	Racine Avenue	105 Freeway	
Garfield Ave (Svc Road)	Lionel Street	Rood Street	
Rood Street	Garfield Avenue	End of Cul-De-Sac	
Lionel Street	Rood Street	Garfield Avenue	
Pelton Avenue	Rood Street	Lionel Street	
Purdin Avenue	Rood Street	Lionel Street	
Leatart Avenue	Rood Street	Lionel Street	
Mendy Street	Garfield Avenue	Pelton Avenue	
Twenty (20) various alleys within the City limits			

The following streets are proposed to be overlay as part of this project:

Street Location	Beginning	End
Happy Street	Mendy Street	Façade Avenue
Florine Avenue	Racine Avenue	Century Boulevard
Mendy Street	Garfield Avenue	Façade Avenue
Racine Avenue	Mendy Street	105 Freeway

**SECTION 3.** The City of Paramount will submit to the California Transportation Commission for their review a list of proposed projects to be funded by RMRA by May 1, 2022, in the format prescribed. The street improvements will add approximately 20 years of life to the streets; improvements to be completed by June 2023.

**SECTION 4.** The Public Works Director is hereby authorized to undertake such acts as necessary to carry out this Resolution.

**<u>SECTION 5</u>**. The City Clerk is directed to certify to the adoption of this Resolution.

**<u>SECTION 6</u>**. This Resolution shall take effect immediately upon its adoption.

PASSED, APPROVED, and ADOPTED by the City Council of the City of Paramount this 19<sup>th</sup> day of April 2022.

Vilma Cuellar Stallings, Mayor

ATTEST:

Heidi Luce, City Clerk

H:\Public Works\PWAGENDA\COMMON FILE\Reso 22024 SB1.docx;4/14/2022 12:27 PM

### AWARD OF CONTRACT

CONSTRUCTION OF THE ARTERIAL STREET RESURFACING IMPROVEMENTS PROJECT FOR FISCAL YEAR 2022 (CITY PROJECT NO. 9230)

MOTION IN ORDER:

AWARD THE CONTRACT FOR CONSTRUCTION OF THE ARTERIAL STREET RESURFACING IMPROVEMENTS PROJECT FOR FISCAL YEAR 2022 TO HARDY AND HARPER INC., LAKE FOREST, CALIFORNIA, IN THE AMOUNT OF \$1,040,000, AND AUTHORIZE THE MAYOR OR HER DESIGNEE TO EXECUTE THE AGREEMENT.

MOTION:	ROLL CALL VOTE:
MOVED BY:	AYES:
SECONDED BY:	NOES:
[] APPROVED	ABSENT:
[] DENIED	ABSTAIN:



To: Honorable City Council

From: John Moreno, City Manager

- **By:** Adriana Figueroa, Public Works Director Rafael O. Casillas, City Engineer
- **Date:** April 19, 2022

### Subject: AWARD OF CONTRACT FOR CONSTRUCTION OF THE ARTERIAL STREET RESURFACING IMPROVEMENTS PROJECT FOR FISCAL YEAR 2022 (CITY PROJECT NO. 9230)

On April 5, 2022, Public Works Staff opened and examined bids for the arterial street resurfacing improvements project for Fiscal Year 2022. The bids were opened at 11:00 a.m. at City Hall.

Four (4) bids were received and the apparent low bid was submitted by Hardy and Harper Inc., Lake Forest, California, in the amount of \$1,040,000, which is slightly above the budgeted amount of \$1,036,000. The budget will be adjusted during the final budget process to reflect this slight increase. The high bid was in the amount of \$1,135,334.

The project includes resurfacing with rubberized asphalt on Downey Avenue from Alondra Boulevard to Somerset Boulevard. Upon award of contract, the project is scheduled to begin construction in Fiscal Year 2022. However, most project funds may be required to be carried over to Fiscal Year 2023.

Attached is a list of bidders.

### **RECOMMENDED ACTION**

It is recommended that the City Council award the contract for construction of the arterial street resurfacing improvements project for Fiscal Year 2022 to Hardy and Harper Inc., Lake Forest, California, in the amount of \$1,040,000, and authorize the Mayor or her designee to execute the agreement.

Agenda Report AWARD OF CONTRACT

JOB NAME: AWARD OF CONTRACT FOR CONSTRUCTION OF THE ARTERIAL STREET RESURFACING IMPROVEMENTS PROJECT FOR FY 22

PROJECT NO.: 9230

BID DATE: TUESDAY, April 5, 2022

BID TIME: 11:00AM

1.	<u>Company Name</u> HARDY AND HARPER	<u>Company Address</u> LAKE FOREST, CA	<u>Bid Amount</u> \$1,040,000
2.	R.J. NOBLE	ORANGE, CA	\$1,045,035
3.	ALL AMERICAN ASPHALT	CORONA, CA	\$1,079,861
4.	PALP, INC.DBA EXCEL PAVING	LONG BEACH, CA	\$1,135,334
## CITY OF PARAMOUNT CONTRACT AGREEMENT FOR

## ARTERIAL STREET IMPROVEMENTS ON DOWNEY AVENUE FY 2021-2022

## PROJECT NO. 9230

This contract agreement is made and entered into for the above-stated project this 19th day of April, 2022, by and between the City of Paramount, as AGENCY and Hardy and Harper Inc., as Contractor.

WITNESSETH that AGENCY and Contractor have mutually agreed as follows:

## ARTICLE I

The Contract Documents for the aforesaid project shall consist of the Notice Inviting Sealed Bids, Instructions to Bidders, Proposal, General Specifications, Standard Specifications, Special Provisions, Plans, and all referenced specifications, details, standard drawings, and appendices; together with this contract agreement and all required bonds, insurance certificates, permits, notices, and affidavits and also including any and all addenda or supplemental agreements clarifying, amending, or extending the work contemplated as may be required to ensure its completion in an acceptable manner. All of the provisions of said Contract Documents are made a part hereof as though fully set forth herein.

## ARTICLE II

For and in consideration of the payments and agreements to be made and performed by AGENCY, Contractor agrees to furnish all materials and perform all work required for the above-stated project and to fulfill all other obligations as set forth in the aforesaid contract documents.

## ARTICLE III

Contractor agrees to receive and accept the prices set forth in the Proposal as full compensation for furnishing all materials, performing all work, and fulfilling all obligations hereunder. Said compensation shall cover all expenses, losses, damages, and consequences arising out of the nature of the work during its progress or prior to its acceptance including those for well and faithfully completing the work and the whole thereof in the manner and time specified in the aforesaid contract documents and also including those arising from actions of the elements, unforeseen difficulties, or obstructions encountered in the prosecution of the work and also including those arising from actions of the vork and also including those arising from actions of the work and also including those arising from actions of the work and also including those arising from actions of the work and also including those arising from actions of the work and also including those arising from actions of the work and also including those arising from actions of the work and also including those arising from actions of the work and also including those arising from actions of the work and also including those arising from actions of the work and also including those arising from actions of the work and also including those arising from actions of the work and also including those arising from actions of the work and also including those arising from actions of the work and also including those arising from actions of the work and also including those arising from actions of the elements, unforeseen difficulties, or obstructions encountered in the prosecution of the work and also including those arising from actions of the elements.

prosecution of the work, suspension, or discontinuance of the work and all other unknowns or risks of any description connected with the work.

## ARTICLE IV

AGENCY hereby promises and agrees to employ and does hereby employ, Contractor to provide the materials, do the work and fulfill the obligations according to the terms and conditions herein contained and referred to, for the prices aforesaid and hereby contracts to pay the same at the time, in the manner and upon the conditions set forth in the contract documents.

## ARTICLE V

Contractor acknowledges the provisions of the State Labor Code requiring every employer to be insured against liability for workers' compensation or to undertake selfinsurance in accordance with the provisions of that code and certifies compliance with such provisions. Contractor further acknowledges the provisions of the State Labor Code requiring every employer to pay at least the minimum prevailing rate of per diem wages for each craft classification or type of workman needed to execute this contract as determined by the Director of Labor Relations of the State of California.

## ARTICLE VI

Contractor agrees to indemnify and hold harmless AGENCY and all of its officers and agents from any claims, demands, or causes of action including related expenses, attorney's fees, and costs based on, arising out of, or in any way related to the work undertaken by Contractor hereunder. In the event the insurance coverage is on a claims made basis the Contractor shall indemnify and hold harmless the AGENCY and all of its officers and agents from any and all claims, demands, or causes of action that arise after the expiration of the Contractor's current policy or after the service contract has ended, for any occurrences arising out of or any way related to the work undertaken by the Contractor. The liability insurance coverage values shall be:

Insurance Coverage Requirements	Limit Requirements
Comprehensive General Liability	\$1,500,000
Product/Completion Operations	\$1,500,000
Contractual General Liability	\$1,500,000
Comprehensive Automobile Liability	\$1,500,000

A combined single-limit policy with aggregate limits in the amount of \$3,000,000 will be considered equivalent to the required minimum limits. The issuer shall be an "admitted surety insurer" duly authorized to transact business under the laws of the State of California.

Acceptable insurance coverage shall be placed with carriers admitted to write insurance in California with a rating of A:VIII by A.M. Best & Co. Any deviation from this rule shall require specific approval in writing from the AGENCY.

Insurance shall name the City of Paramount, its officers, agents, and employees as additional insured by endorsement of the Contractor's policy. A copy of the endorsement, showing policy limits, shall be provided to the AGENCY on or before signing this contract.

## ARTICLE VII

Contractor affirms that the signatures, titles, and seals set forth hereinafter the execution of this contract agreement represent all individuals, firm members, partners, joint venturers, and/or corporate officers having a principal interest herein.

## ARTICLE VIII

## Blank

## ARTICLE IX

Records and Audits. The Contractor shall maintain accounts and records, including personnel, property, and financial records, adequate to identify and account for all costs pertaining to the contract and such other records as may be deemed necessary by the AGENCY to assure proper accounting for all project funds, both federal and non-federal shares. These records will be made available for audit purposes to the AGENCY or any authorized representative and will be retained for 5 years after the expiration of this Contract unless permission to destroy them is granted by the AGENCY.

## ARTICLE X

False Claims and Debarment Procedures. The AGENCY hereby gives notice to Contractor that Chapter 34 of the Paramount Municipal Code dealing with false claims of contractors provides for an administrative debarment action for submitting a false claim subjecting Contractor to a potential five (5) year debarment upon finding that Contractor knowingly submitted a false claim as further set forth in Chapter 34. Failure to abide by the provisions of Chapter 34 may lead to a disqualification of the Contractor as an irresponsible bidder and resultant prohibition of Contractor, from bidding as a Contractor, Subcontractor or Consultant for a period up to five (5) years in the City of Paramount.

IN WITNESS WHEREOF, the parties hereto for themselves, their heirs, executors, administrators, successors, and assigns do hereby agree to the full performance of the covenants herein contained and have caused this contract agreement to be executed in duplicate by setting hereunto their names, titles, hands, and seals this 15th day of March, 2022.

Contractor:					
(Signature)					
Name and Title (Printed)					
Contractor's Lisense No					
Agency Business License No					
Federal Tax Identification No.					

Note: Contractor signature must be acknowledged before a Notary Public, and evidence of the authority of any person signing as attorney-in-fact must be attached.

AGENCY:	
	Mayor of the City of Paramount
Attested:	
	City Clerk of the City of Paramount
	Date
Approved as to form:	
	City Attorney of the City of Paramount
	Date

#### FAITHFUL PERFORMANCE BOND FOR

#### ARTERIAL STREET IMPROVEMENTS ON DOWNEY AVENUE FY 2021-2022

#### IN THE CITY OF PARAMOUNT PROJECT NO. 9230

KNOW ALL MEN BY THESE PRESENTS that

CONTRACTOR and <u>, a corporation organized and existing under the laws of the State of</u>, and duly authorized to transact business under the laws of the State of California, as SURETY, are <u>held and firmly bound unto the</u>

as

City of Paramount, as AGENCY, in the penal sum of \_\_\_\_\_ Dollars (\$\_\_\_\_\_\_), which is 100 percent of the total contract amount for the above-stated project, for the payment of which sum, CONTRACTOR and SURETY agree to be bound, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, whereas CONTRACTOR has been awarded and is about to enter into the annexed Contract Agreement with AGENCY for the above-stated project, if CONTRACTOR faithfully performs and fulfills all obligations under the contract documents in the manner and time specified therein, then this obligation shall be null and void, otherwise it shall remain in full force and effect in favor of AGENCY; provided that any alterations in the obligations or time for completion made pursuant to the terms of the Contract Documents shall not in any way release either CONTRACTOR or SURETY, and notice of such alterations is hereby waived by SURETY.

IN WITNESS WHEREOF, two (2) identical counterparts of this instrument, each of which shall for all purposes be deemed an original hereof, have been duly executed by Bidder and Surety, on the date set forth below, the name of each corporate party being hereto affixed and these presents duly signed by its undersigned representative(s) pursuant to authority of its governing body.

Dated:		
BIDDER:	Name:	
	Address:	
	Ву:	
	(Signature)	
	Type Name and Title	
SURETY:	Name:	
	Address:	
	By:	
	(Signature)	
	Type Name and Title:	

Note: This bond must be executed in duplicate and dated, all signatures must be acknowledged before a Notary Public, and evidence of the authority of any person signing as attorney-in-fact must be attached.

#### MATERIAL AND LABOR BOND FOR

#### ARTERIAL STREET IMPROVEMENTS ON DOWNEY AVENUE FY 2021-2022

#### IN THE CITY OF PARAMOUNT PROJECT NO. 9230

KNOW	ALL	MEN	ΒY	THESE	PRESENTS	that	, 6	as	CONTRACTOR,	and
							_, a corporation organized and existing	und	ler the laws of the S	State
of										
, and duly authorized to transact business under the laws of the State of California, as SURETY, are held and										
Carely In			O:L	f D		V :- 4	a manual arms of			

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, whereas CONTRACTOR has been awarded and is about to enter into the annexed Contract Agreement with AGENCY for the above-stated project, if CONTRACTOR or any subcontractor fails to pay for any labor or material of any kind used in the performance of the work to be done under said contract, or fails to submit amounts due under the State Unemployment Insurance Act with respect to said labor, SURETY will pay for the same in an amount not exceeding the sum set forth above, which amount shall inure to the benefit of all persons entitled to file claims under the State Code of Civil Procedures; provided that any alterations in the work to be done, materials to be furnished, or time for completion made pursuant to the terms of the contract documents shall not in any way release either CONTRACTOR or SURETY, and notice of said alterations is hereby waived by SURETY.

IN WITNESS WHEREOF, two (2) identical counterparts of this instrument, each of which shall for all purposes be deemed an original hereof, have been duly executed by Bidder and Surety, on the date set forth below, the name of each corporate party being hereto affixed and these presents duly signed by its undersigned representative(s) pursuant to authority of its governing body.

Dated:			
BIDDER:	Name:		
	Address:		
	Bv:		
	- J-	(Signature)	
	Type Name and Title		
SURETY:	Name:		
	Address:		
	Bv:		
	- J -	(Signature)	

Note: This bond must be executed in duplicate and dated, all signatures must be acknowledged before a Notary Public, and evidence of the authority of any person signing as attorney-in-fact must be attached.

APRIL 19, 2022

APPROVAL OF PROFESSIONAL SERVICES AGREEMENT WITH HAZEN AND SAWYER FOR A SITE INVESTIGATION REPORT ON THE VERMONT AVENUE WATER INFRASTRUCTURE FACILITY

## MOTION IN ORDER:

APPROVE AN AGREEMENT WITH HAZEN AND SAWYER IN THE AMOUNT OF \$65,834 FOR A SITE INVESTIGATION REPORT FOR THE VERMONT AVENUE WATER INFRASTRUCTURE FACILITY AND AUTHORIZE THE MAYOR OR HER DESIGNEE TO EXECUTE THE AGREEMENT.

MOTION:	ROLL CALL VOTE:
MOVED BY:	AYES:
SECONDED BY:	NOES:
[] APPROVED	ABSENT:
[] DENIED	ABSTAIN:



To: Honorable City Council
From: John Moreno, City Manager
By: Adriana Figueroa, Public Works Director
Date: April 19, 2022

## Subject: APPROVAL OF PROFESSIONAL SERVICES AGREEMENT WITH HAZEN AND SAWYER FOR A SITE INVESTIGATION REPORT ON THE VERMONT AVENUE WATER INFRASTRUCTURE FACILITY

## BACKGROUND

The City's Water Master Plan prepared in 2015 identifies additional infrastructure needs for its municipal water system. Water wells, mains, a reservoir with pump station, and required treatment are outlined in this document. These improvements will provide increased reliability by utilizing less expensive groundwater supply. On February 15, 2022, the City Council approved an acquisition of property located at 16247 Vermont Avenue. American Rescue Plan Act (ARPA) funds were used to acquire the property and the intent is to develop this site for public water infrastructure. This could include a municipal water well, a water treatment facility, and/or an above-ground water reservoir.

## DISCUSSION

Although this is not a requirement for professional services, staff prepared a Request for Proposal (RFP) for specialized engineering services to conduct a site investigation report or analysis for this property. The RFP was released on February 1<sup>st</sup> and two proposals were received by the March 14, 2022 deadline. After a thorough review of these proposals and based on the qualifications, expertise with similar projects, and prior references, staff is recommending Hazen and Sawyer.

Hazen and Sawyer is located in Irvine, California, and has been providing water engineering services since 1951. In the last three years, they have provided similar services for a multitude of water agencies in southern California. Recently, Hazen and Sawyer prepared the Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) analysis for the City's Water Well 14 and staff was satisfied with their performance and level of detail provided.

The Vermont Site Investigation Report to be conducted will evaluate site conditions to develop and select an optimal water infrastructure facility. Hazen and Sawyer will review hydraulic parameters, review water quality evaluations, develop conceptual footprints for the various components, as well as cost estimates for future design and construction.

The cost proposal to prepare this analysis is \$65,834 and the work is anticipated to last 90 days from the date the notice to proceed is issued.

## VISION, MISSION, VALUES, AND STRATEGIC OUTCOMES

The City's Vision, Mission, and Values set the standard for the organization; establish priorities, uniformity, and guidelines; and provide the framework for policy decision-making. The Strategic Outcomes were implemented to provide a pathway to achieving the City's Vision. This item aligns with Strategic Outcome No. 5: Attractive and Well Maintained Infrastructure.

### **RECOMMENDED ACTION**

It is recommended that the City Council approve an agreement with Hazen and Sawyer in the amount of \$65,834 for a site investigation report for the Vermont Avenue Water Infrastructure Facility and authorize the Mayor or her designee to execute the agreement.

### SERVICE AGREEMENT BY AND BETWEEN THE CITY OF PARAMOUNT AND HAZEN AND SAWYER FOR A WATER INFRASTRUCTURE SITE INVESTIGATION REPORT

THIS AGREEMENT is made and entered into this 19<sup>TH</sup> day of April, 2022 by and between the CITY OF PARAMOUNT, hereinafter referred to as the "CITY," and Hazen and Sawyer, hereinafter referred to as the "CONTRACTOR."

### I. RECITAL

A. <u>PURPOSE</u>. The purpose of this AGREEMENT is to allow the CITY to procure the services of a qualified contractor to provide professional services in connection with the CITY'S Vermont Water Infrastructure project, and to have these contractor services based upon the terms and conditions hereinafter set forth.

## II. TERMS AND CONDITIONS

A. <u>MISSION</u>. The CITY hereby retains the CONTRACTOR in the capacity as contractor and the CONTRACTOR hereby accepts such responsibility as described herein.

B. <u>TERMS</u>. This AGREEMENT shall commence as of the 20<sup>th</sup> of April, 2022 and shall remain in full force and effect until such time either party gives written notice of termination in accordance with those provisions set forth in paragraph P. At the time of such extensions, this AGREEMENT shall be amended as to the changes, if any, in the terms, responsibilities and compensation as determined in writing between the CITY and CONTRACTOR.

C. <u>SCOPE OF SERVICES.</u> Under the supervision of the Director of Public Works or her designee, the CONTRACTOR shall provide all services as detailed in the CONTRACTOR's Proposal dated March 14, 2022 and attached herein as Exhibit A". In the event of any conflict between the provisions of this AGREEMENT and Exhibit "A," the terms of this AGREEMENT shall prevail.

D. <u>COMPENSATION</u>. During the term of this AGREEMENT, the CITY shall compensate the CONTRACTOR for the services described as detailed in Exhibit "A". Invoices for payment shall be submitted on a monthly basis and shall be approved by the Director of Public Works or her designee.

The CONTRACTOR shall submit an itemized invoice to the CITY according to work progress, setting forth the work performed and the rates charged in accordance with the contractor's fee schedule.

E. <u>EXPENSES</u>. CONTRACTOR shall not be entitled to an expense account and shall not be required or permitted to incur expenses on behalf of the CITY in addition to the expenses required for completion of the scope of services described herein. The compensation

described herein includes provision for all CONTRACTOR expenses required to complete the scope of services described herein.

## F. INDEPENDENT CONTRACTOR.

- (a) CONTRACTOR is and shall at all times remain as to the City a wholly independent CONTRACTOR. The personnel performing the services under this Agreement on behalf of CONTRACTOR shall at all times be under CONTRACTOR'S exclusive direction and control. Neither City nor any of its officers, employees, or agents shall have control over the conduct of CONTRACTOR or any of CONTRACTOR'S officers, employees, or agents, except as set forth in this Agreement. CONTRACTOR shall not at any time or in any manner represent that it or any of its officers, employees, or agents are in any manner officers, employees, or agents of the City. CONTRACTOR shall not incur or have the power to incur any debt, obligation, or liability whatever against City, or bind City in any manner.
- (b) Neither CONTRACTOR, nor any of CONTRACTOR'S officers, employees or agents, shall obtain any rights to retirement, health care or any other benefits which may otherwise accrue to City's employees. CONTRACTOR expressly waives any claim CONTRACTOR may have to any such rights.
- (c) City shall not be liable for compensation or indemnification to CONTRACTOR for any injury or sickness arising out of performing services hereunder.

## G. INDEMNIFICATION.

- (a) All officers, agents, employees, sub-Contractors, their agents, officers and employees who are hired by or engaged by CONTRACTOR in the performance of this Agreement shall be deemed officers, agents and employees and sub-Contractors of CONTRACTOR, and City shall not be liable or responsible to them for anything whatsoever.
- (b) CONTRACTOR agrees to save, keep, hold harmless and defend City and all of its elected and appointed boards, commissions, officers employees and agents from all claims, damages, costs or expenses in law and in equity, including costs of suit and expenses for legal services, that may at any time arise or be claimed because of damage to property or injury to persons, including City, allegedly received or suffered by reason of any wrongful or negligent act or omission on the part of CONTRACTOR or any of its agents, officers and employees and sub-Contractors in the performance of this Agreement.
- (c) CONTRACTOR shall not be deemed to assume any liability for wrongful or negligent acts of City or its officers, agents, employees and sub-Contractors, and City shall defend and hold CONTRACTOR harmless against any such claims.

(d) CONTRACTOR agrees to defend, indemnify and hold harmless the City, its elected and appointed boards, commissions, officers, employees and agents from all claims, demands, liability fines and penalties made by CONTRACTOR'S employees from health, retirement or other benefits attributable to services performed pursuant to this Agreement.

H. <u>SUCCESSOR AND ASSIGNMENT</u>. The services as contained herein are to be rendered by the CONTRACTOR whose name is as appears first above written and said CONTRACTOR shall not assign nor transfer any interest in this AGREEMENT without the prior written consent of the CITY. Claims for money by CONTRACTOR from the CITY under this contract may be assigned to a bank, trust company, or financial institution without such approval. Written notice of any such assignment or transfer shall be furnished promptly to the CITY.

I. <u>INSURANCE</u>. Without limiting the CONTRACTOR'S indemnification of the CITY, the CONTRACTOR shall provide and maintain at this own expense during the term of this AGREEMENT for the following programs of insurance covering his operation hereunder. Each program of insurance, except professional liability insurance shall name the CITY as "Additionally Insured" and each policy shall contain a provision that such insurance will not be cancelled, nor any change whatsoever made in policies, except upon not less than thirty (30) days prior notice to the CITY, mailed by registered mail with postage prepaid. Such insurance shall be provided by insurer(s) satisfactory to the CITY and evidence of such programs satisfactory to the CITY shall be delivered to the CITY on or before the effective date of this AGREEMENT.

<u>General Liability</u>. A program including, but not limited to, comprehensive general liability including automobile coverage with a combined single limit of not less than \$1,000,000.00 per occurrence. Such insurance shall be primary to and not contributing with any other insurance maintained by the CITY. The issuer shall be an "admitted surety insurer" duly authorized to transact business under the laws of the State of California.

Acceptable insurance coverage shall be placed with carriers admitted to write insurance in California with a rating of A:VIII by A.M. Best & Co. Any deviation from this rule shall require specific approval in writing from the City.

Insurance shall name the City of Paramount, its officers, agents, and employees as additional insured by endorsement of the Contractor's policy. A copy of the endorsement, showing policy limit, shall be provided to the City on or before signing this contract.

Failure on the part of the CONTRACTOR to procure or maintain required insurance shall constitute a material breach of this AGREEMENT upon which the CITY will immediately terminate this AGREEMENT.

<u>Worker's Compensation Coverage</u>. State statutory limits, deductibles, self-insurance retention, or similar forms of coverage limitations or modifications must be declared to and approved by CITY.

<u>Automobile Liability Insurance</u>. In an amount not less than Five Hundred Thousand Dollars (\$500,000) combined single limit per accident for bodily injury and property damage covering owned, non-owned and hired vehicles.

J. <u>COMPLIANCE WITH LAWS</u>. The parties agree to be bound by applicable federal, state and local laws, regulations and directives as they pertain to the performance of this AGREEMENT.

K. <u>SEVERABILITY</u>. In the event that any covenant, condition or other provisions herein contained is held to be invalid, void or illegal by any court of competent jurisdiction, the same shall be deemed severable from the remainder of the AGREEMENT and shall in no way affect, impair or invalidate any other covenant, condition or other provision contained herein. If such condition, covenant or other provision shall be deemed invalid due to its scope or breadth, such covenant, condition or other provision shall be deemed valid to the extent of the scope or breadth permitted by law.

L. <u>INTERPRETATION</u>. No provision of this AGREEMENT is to be interpreted for or against either party because that party or that party's legal representative drafted such provision, but this AGREEMENT is to be construed as if it were drafted by both parties hereto.

M. <u>ENTIRE AGREEMENT</u>. This AGREEMENT supersedes any and all other agreements, either oral or in writing, between the parties hereto with respect to the retention of CONTRACTOR by the CITY and contains all the covenants and agreements between the parties with respect to such retention.

N. <u>WAIVER</u>. No breach of any provision hereof can be waived unless in writing. Waiver of any one break of any provision shall not be deemed to be a waiver of any other breach of the same or any other provision hereof.

O. <u>CONTRACT EVALUATION AND REVIEW</u>. The ongoing assessment and monitoring of this AGREEMENT is the responsibility of the City Manager, or his designee.

P. <u>TERMINATION OF AGREEMENT</u>. This AGREEMENT may be terminated by either party by giving written notice at least thirty (30) days prior to the effective termination date in the written notice. In such event, all finished or unfinished documents, data, studies, surveys, drawings, maps, models, photographs and reports prepared by the CONTRACTOR under this AGREEMENT shall, at the option of the CITY, becomes its property and the CONTRACTOR shall be entitled to receive just and equitable compensation for any work satisfactorily completed hereunder. Notwithstanding the above, the CONTRACTOR shall not be relieved of liability to the CITY for damages sustained by the CITY by virtue of any breach of the AGREEMENT by the CONTRACTOR, and the CITY may withhold any payments to the CONTRACTOR for the purpose of set-off until such time as the exact amount of damages due the CITY from the CONTRACTOR is determined.

Q. <u>CHANGES</u>. The CITY or CONTRACTOR may request changes in the scope of the services of the CONTRACTOR to be performed hereunder. Such changes, including any increase or decrease in the amount of the CONTRACTOR'S compensation, which are mutually

agreed upon by and between the CITY and the CONTRACTOR, shall be incorporated in written amendments to this AGREEMENT.

R. <u>REPORTS AND INFORMATION</u>. CONTRACTOR, at such times and in such forms as the CITY may require, shall furnish the CITY such periodic reports as it may request pertaining to work or services undertaken pursuant to this AGREEMENT, the costs and obligations incurred or to be incurred in connection therewith, and any other matters covered by this AGREEMENT.

S. <u>RECORDS AND AUDITS</u>. CONTRACTOR shall maintain accounts and records, including personnel, property and financial records, adequate to identify and account for all costs pertaining to this AGREEMENT, and such other records as may be deemed necessary by the CITY to assure proper accounting for all project funds, both federal and non-federal shares. These records will be made available for audit purposes to the CITY or any authorized representative, and will be retained for five (5) years after the expiration of this AGREEMENT unless permission to destroy them is granted by the CITY.

T. <u>FINDINGS CONFIDENTIAL</u>. All of the reports, information, data, etc., prepared or assembled by the CONTRACTOR under this AGREEMENT are confidential and the CONTRACTOR agrees that they shall not be made available to any individual or organization without the prior written approval of the CITY.

U. <u>COPYRIGHT</u>. No report, maps, or other documents produced in whole or in part under this AGREEMENT shall be the subject of an application for copyright by or on behalf of the CONTRACTOR.

V. <u>PERSONNEL</u>. CONTRACTOR represents that it has, or will secure at its own expense, all personnel required in performing the services under this AGREEMENT. Such personnel shall not be employees of or have any contractual relationship with the CITY. All of the services required hereunder will be performed by CONTRACTOR or under its supervision and all personnel engaged in the work shall be fully qualified and shall be authorized or permitted under the state and local law to perform such services. None of the work or services subcontracted hereunder shall be specific by written contract or agreement and shall be subject to each provision of this AGREEMENT.

## III. EQUAL EMPLOYMENT OPPORTUNITY

During the performance of this AGREEMENT, the CONTRACTOR agrees as follows:

## A. EQUAL OPPORTUNITY.

(a) The CONTRACTOR will not discriminate against any employee or applicant for employment because of race, creed, sex, color, or national origin. The CONTRACTOR will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, creed, sex, color, or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The CONTRACTOR agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the CITY setting forth the provisions of this non-discrimination clause.

- (b) The CONTRACTOR will, in all solicitation or advertisements for employees placed by or on behalf of the CONTRACTOR, state that all qualified applicants will receive consideration for employment without regard to race, creed, color, sex, or national origin.
- (c) The CONTRACTOR will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this AGREEMENT so that such provisions will be binding upon each subcontractor, provided that the foregoing provisions shall not apply to contracts or subcontracts for standard commercial supplies or raw materials.
- (d) The CONTRACTOR will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- (e) The CONTRACTOR will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the CITY and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (f) In the event of the CONTRACTOR'S non-compliance with the equal opportunity clauses of this AGREEMENT or with any of such rules, regulations, or orders, this AGREEMENT may be canceled, terminated, or suspended in whole or in part and the CONTRACTOR may be declared ineligible for further government contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- (g) The CONTRACTOR will include the provisions of paragraphs (1) through (6) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The CONTRACTOR will take such action with respect to any subcontract or purchase order as the CITY may direct as a means of enforcing such provisions, including sanctions for non-compliance; provided, however, that in the event the CONTRACTOR becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the CITY, the CONTRACTOR may request the United States to enter into such litigation to protect the interests of the United States.

B. <u>CIVIL RIGHTS ACT OF 1964</u>. Title VI of the Civil Rights Act of 1964, provides that no person shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of or, be subjected to discrimination under any program or activity receiving Federal financial assistance.

C. <u>AGE AND DISABILITY</u>. Any prohibition against discrimination on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual, as provided in Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, shall apply to this AGREEMENT.

## IV. CONFLICT OF INTEREST

During the performance of this AGREEMENT, the CONTRACTOR agrees as follows:

A. <u>INTEREST OF MEMBERS OF THE CITY</u>. No member of the governing body of the CITY and no other employee, or agent of the CITY who exercises any functions of responsibilities in connection with the planning and carrying out of the program, shall have any personal financial interest, direct or indirect, in this AGREEMENT.

B. <u>INTEREST OF CONTRACTOR</u>. CONTRACTOR represents, warrants and agrees that he does not presently have, nor will he acquire during the term of this AGREEMENT, any interest, direct or indirect, by contract, employment or otherwise, or as a partner, joint venture or shareholder (other than as a shareholder holding a one-percent (1%) or less interest in publicly-traded companies) or affiliate with any business or business entity that has entered into any contract, subcontract, or arrangement with the CITY.

C. <u>INTEREST OF OTHER LOCAL PUBLIC OFFICIALS</u>. No member of the governing body of the locality and no other public official of such locality, who exercises any functions or responsibilities in connection with the planning and carrying out of the program, shall have any personal financial interest, direct or indirect, in this AGREEMENT; and the CONTRACTOR shall take appropriate steps to assure compliance.

## **V. NOTICES**

Notices herein shall be presented in person or by certified or registered U.S. Mail, as follows:

To the CONTRACTOR:	Hazen and Sawyer
	Cindy Miller, PE, Vice President
	7700 Irvine Center Drive, Suite 200
	Irvine, CA 92618
To the CITY:	City of Paramount
	Adriana Figueroa
	Director of Public Works
	16400 Colorado Avenue
	Paramount CA 90723

IN WITNESS HEREOF, the CITY and CONTRACTOR have executed this AGREEMENT as of the date first herein above set forth.

## CITY OF PARAMOUNT

## HAZEN AND SAWYER

By: \_\_\_\_\_\_ Vilma Cuellar Stallings, Mayor

By: Cindy Miller, PE, Vice President

ATTEST:

By: \_\_\_\_\_ Heidi Luce, City Clerk

APPROVED AS TO FORM:

By: \_

John E. Cavanaugh, City Attorney

## EXHIBIT "A"

[PROPOSAL/SCOPE OF WORK]



COPY





**Proposal for** 

Site Investigation Report Vermont Avenue Reservoir, Treatment Plant and Well

March 14, 2022

# **Table of Contents**

- 1 Cover Letter
- 2 Organizational Chart
- 3 References
- 4 Overview and Approach
- 5 Compensation/Payment Schedule
- 6 Proposal Forms

Appendix

- A Resumes
- B Signed Addenda



Section 1

Cover Letter



March 14, 2022

City of Paramount Attn: Adriana Figueroa, Public Works Director 15300 Downey Avenue Paramount, CA 90723

#### Re: Site Investigation Report Vermont Avenue Reservoir, Treatment Plant and Well

Dear Ms. Figueroa:

Hazen understands the importance of this project to the City of Paramount. The Vermont property is a key opportunity to expand the City's water system infrastructure and provide necessary treatment for the City's critical wells. Delivery of this project will require expertise in evaluating compliance for the for multiple contaminants, the latest treatment processes, operations, and regulatory aspects to determine the most optimal use for the land being acquired by the City. Your project will require a proven delivery team that is committed, understands your needs, and is accessible. Our Hazen team provides specific valuable characteristics that will result in successful delivery:

**Focus on Schedule.** Our team is accustomed to delivering on condensed schedules without compromising quality. We have proven this on multiple projects as our references will attest. Building upon previous water quality analyses that Hazen performed for the City for Wells 14 and 16, we will rapidly assess new water quality information to further identify water quality concerns and determine optimal treatment options for the space available on the Vermont site. Keeping implementation, cost, operations, and planned infrastructure projects in mind, we will work to identify the optimal treatment options and strategic use of the available space on site so that you can confidently move forward with next steps including funding.

**Qualified and Available Resources.** We have proposed a team qualified to manage and rapidly deliver this Site Investigation Report. Our project Manager and primary point of contact Nicole Blute is a leading industry expert in groundwater quality and treatment technologies. She was the Project Manager of the previous feasibility study performed by Hazen for PFAS Treatment the City's Well 14 and Well 16 sites. She is located in Hazen's Los Angeles Office and can leverage a ready-to-go team with local experience. Hazen is teaming with Richard Slade for hydrogeology services, whose local knowledge and previous work with the City provides exceptional value to the project.

#### Official Name and Address

Hazen and Sawyer 7700 Irvine Center Drive, Suite 200 Irvine, CA 92618

#### Primary Contact

Nicole Blute, PhD, PE Vice President 800 West Sixth Street, Suite 400 Los Angeles, CA, 90017 (213) 234-1082

Type of Entity Corporation

State of Incorporation New York

Federal Employer ID Number 13-2904652

#### Firm Ownership

Hazen is employee-owned organization with multiple principals. No single individual or organization have a controlling interest.

#### Number of Years in Business

Hazen has been in business since 1951. Our Irvine and Los Angeles office has been in operation since 2015 and 2013, respectively.

Number of years of experience providing required, equivalent, or related services Since 1951—71 years.

#### **Financial Interests**

- Hazen has never refused to complete a contract.
- No individual/firms own an interest of 10% or greater in Hazen
- Hazen does not have financial interest in other lines of



**Exact Expertise in Groundwater Treatment, Storage, and Conveyance.** Our project team brings the exact expertise needed by the City to accurately and efficiently identify the project components that will maximize the beneficial use of the Vermont Avenue site. Our team is balanced with experts in water quality and treatment, system hydraulics and pipeline alignment alternatives analysis, hydrogeology and well design, and reservoir sizing and design. Our recommended solutions will focus on the City's specific needs and have high sensitivity to cost, implementation, and operability.

By providing excellent engineering to our clients, Hazen has grown to over 1,200 engineering professionals in 66 offices across the United States and around the world. Engineering News Record has listed Hazen as one of the top firms in the nation, focused entirely on the domestic water, recycled water, and wastewater markets. As a "water-only" firm, we bring unique expertise and specialists to each project. Our breadth of capabilities enables communities to trust us with projects that encompass broad services such as Pipelines, Potable Water Storage, Treatment and Conveyance Facilities among many others. Hazen has a track record of providing services to large and small communities throughout the country.



The following table lists comparable contracts entered into during the last three years by our local Los Angeles and Orange County offices, demonstrating our team's local experience in groundwater treatment facilities, reservoirs, wells, and pipelines. In addition to these highlighted local projects, Hazen has a national network of treatment and conveyance experts to support our team.



Type of Contract Year	Contracting Agency & Owner of Project	Project Description Project Manager
Study (2020-2021)	Suburban Water System	Plant 409 Arsenic Removal Evaluation (Nicole Blute)
Study (2021-Present)	Jurupa CSD	Water Quality Evaluation Study (Cindy Miller)
Design (2021-Present)	City of Chino	State Street Water Treatment Plant (Nathan Boyle)
Design (2021-Present)	City of Chino	State Street Off-Site Pipelines (Tori Yokoyama)
Study (2021-Present)	Trabuco Canyon WD	Rose and Lang Wells Treatment Study (Tori Yokoyama)
Study (2021-Present)	San Jose Water Company	Williams PFAS Treatment Feasibility Study (Nicole Blute)
Design (2021-Present)	City of Chino	Well 17 Design (Steve Conner)
Design (2021-Present)	Palmdale Water District	Well 36 Design (Steve Conner)
Study (2021-2022)	Long Beach Water Department	GWTP Facilities Upgrade Master Plan (Nicole Blute)
Study (2021)	San Jose Water Company	Willow and Malone PFAS Treatment Study (Nicole Blute)
Design (2020-Present)	Rubidoux CSD	PFAS Treatment Evaluation and Design (Cindy Miller)
Design (2020-Present)	Suburban Water System	Whittier PFAS Treatment (Nicole Blute)
Study (2020-2021)	Santa Clarita Valley WA	Santa Clara Well PFAS Treatment Study (Cindy Miller)
Study (2020-2021)	San Jose Water Company	Williams Well Profiling Evaluation (Nicole Blute)
Design (2019-Present)	City of Beverly Hills	La Cienega Well #1 (Tori Yokoyama)
Design (2019-Present)	Chino Basin Desalter Authority	Chino I GAC Treatment Facility (Cindy Miller)
Design (2019-Present)	Monte Vista Water District	Plant 30 Wellhead Treatment (GAC/IX) (Nicole Blute))
Design (2019-Present)	City of Chino	Eastside Water Treatment Facility (Nathan Boyle)
Design (2019-Present)	City of Banning	Well C-8 Design (Steve Conner)
Design (2019-2021)	Western Heights WC	Well 2A GAC Treatment Facility (Mary Hambel)
Design (2019-2021)	City of Beverly Hills	La Brea Transmission Main (Tori Yokoyama)
Study (2019-2020)	City of Chino	Water Master Plan and GIS Conversion (Tori Yokoyama)
Study (2019-2019)	Moulton Niguel WD	Crown Valley Transmission Main Study (Steve Conner)

With this letter, we are attesting that all information submitted with the proposal is true and correct. Please contact us with any questions at (213) 234-1082 or email at nblute@hazenandsawyer.com. We appreciate the opportunity to strengthen our relationship with the City.

Very truly yours,

uid c

Cindy Miller, PE Vice President

nucle Blute

Nicole Blute, PhD, PE Vice President

#### **Required Statements**

- Hazen does not have any financial, business or other relationship with the City that may have an impact upon the outcome of the contract or the construction project.
- Hazen does not have any current clients who may have a financial interest in the outcome of this contract or the construction project that will follow.
- Hazen does not have any financial interest or relationship with any construction company that might submit a bid on the construction project.

#### Local Presence

• Hazen has an established local presence within Los Angeles County and Southern California.



# Section 2 Organizational Chart

## Section No. 1 Organizational Chart

Hazen brings to the City of Paramount a team of water quality and treatment experts with local experience evaluating compliance options for groundwater with multiple contaminants.

Hazen's team has the exact experience with pipelines, reservoirs, wells, and groundwater treatment to successfully implement the City's project. Additionally, our team has direct experience in the City, having recently provided an analysis of PFAS and 1,4-dioxane treatment options for Wells 14 and 16. Detailed resumes of the project team are located in Appendix A.



#### **Team Member Overview**



#### Nicole Blute, PhD, PE | Project Manager

Dr. Blute serves as Hazen's Drinking Water Practice Lead for the West Region. She has over 20 years of experience in drinking water treatment and aquatic chemistry. She specializes in drinking water treatment and system planning particularly for impaired groundwater. She is a leader in chromium-6 treatment, having led over a decade of technology testing forming the basis for the Best Available Technologies set by California. Dr. Blute develops and is the project manager on a wide variety of water projects, notably facility planning, groundwater treatment projects, distribution system water quality projects, technology testing for emerging inorganic and organic constituents, notably PFAS and 1,4-dioxane among others, and disinfection strategy evaluations. Dr. Blute has experience in regulatory agency compliance and funding applications for municipalities. She has also been the Project Manager on complex projects from planning through design.



#### Cindy Miller, PE | Principal in Charge

Ms. Miller serves as Hazen's Irvine Operations Manager. She is a hand-on Principal, and has extensive experience in the planning, design and construction of water supply, treatment, storage and conveyance facilities. Her assignments have included providing Program Management services for a \$150 million groundwater supply project, which includes wells, pipelines, pump stations, and RO/IX treatment; Project Manager for preliminary and final design of a 28 MGD microfiltration treatment facility, and Project Manager for a 10 MGD R.O./Ion Exchange groundwater treatment plant. Ms. Miller has also led numerous water storage and conveyance infrastructure projects, including design of over 100 miles of pipeline, design of steel, pre-stressed concrete, and cast-in-place concrete storage reservoirs, and numerous pump station facilities.

#### **Team Member Overview**





Mr. Boyle is a process engineer and project manager based in Hazen and Sawyer's Los Angeles, California Office. He has over 10 years of experience in the design, operation and construction of drinking water and recycled water treatment facilities. He has substantial experience in laboratory, pilot and full scale studies; plant startup and commissioning; and operations support. His experience extends through Australia, New Zealand and United States across both conventional and advanced water treatment facilities.

#### Mary Hambel, PE | Project Engineer

Ms. Hambel is a registered professional civil engineer with over 20 years of experience, actively involved in multiple phases and facets of pipeline, pumping, storage, and treatment facilities for water supply and treatment projects, including planning and preliminary design, field work and pilot investigations, detailed design, regulatory coordination and permitting, bidding and construction support, and operations and maintenance support. She has recent experience in groundwater treatment projects utilizing GAC, RO, IX, PAT and other technologies for removal of various constituents including TCE, 1,2,3-TCP, PFAS, nitrate and others.

#### Steve Conner, PE | Wells & Pump Hydraulics

Mr. Conner is a professional civil engineer with 27 years of experience in the planning and design of water and wastewater infrastructure including production wells, storage tanks, treatment systems, pipelines, booster stations, lift stations, and sewer facilities. Mr. Conner is responsible for project management, design supervision, contract administration, client interaction and development, and personnel management. His expertise includes complex pumping and piping system layout, hydraulic design, groundwater supply and treatment design, and construction phase assistance including start-up and operation of pumping and treatment facilities. Mr. Conner coordinates all engineering support disciplines (civil, architectural, structural, process, mechanical, electrical, and I&C) during project design and construction phases.

#### Richard Slade, PG, CEG | Hydrogeology

Mr. Slade is President and Principal Groundwater Geologist for Richard C. Slade & Associates LLC, Consulting Groundwater Geologist (RCS). RCS was founded by Mr. Slade in 1983 and the company has operated out of offices in the San Fernando Valley since that time. Mr. Slade has over 50 years of groundwater experience in Southern California and has lived and/or worked in the San Fernando Valley as a groundwater geologist for his entire professional career. Mr. Slade has a BS and an MS degree in Geology from UCLA and USC, respectively, and maintains a professional license in geology in California. Mr. Slade has either conducted and/or managed/ supervised more than 700 groundwater projects in a large number of groundwater basins throughout California, including virtually every recognized groundwater basin in Southern California that has active water wells. In December 2008, RCS was selected by the Superior Court to be the Watermaster for the Upper Los Angeles River Area (ULARA). Richard oversaw previous RCS projects for the City of Paramount, including rehabilitation assessments of Well Nos 13 and 14, and design, construction and testing of Well No. 15.

#### Anthony Hicke, PG, CHG | Hydrogeology

Mr. Hicke, PG, CHG, began working with RCS in 2001, and is a Principal Groundwater Geologist with the company. While at RCS, Mr. Hicke's primary focus has been on the development and protection of groundwater resources throughout the State of California. Mr. has served as the project manager for and participated in a number of basin-wide groundwater studies in which hydrogeologic conceptual models of basins were developed. Mr. Hicke has also served as project manager during the construction, rehabilitation, and extraction/injection testing of numerous production water wells and monitoring wells for municipal and agricultural clients. Mr. Hicke directs the preparation of hydrogeological studies and technical documents reports as well as the preparation of technical documents intended to support the creation of Environmental Impact Reports (EIRs), and provides support for those projects throughout the approval process, including providing presentations to Planning Commissions and Boards of Supervisors summarizing and interpretating hydrogeologic data and results. Mr. Hicke is also an active participant with various industry groups, and provides presentations on various subjects related to his expertise and current practice.







#### **Team Member Overview**



#### Tori Yokoyama, PE | Pipeline/Hydraulic Modeling

Mr. Yokoyama is experienced in project management and design of water and other pressure pipelines in City streets. His background includes both the design of new facilities, as well as rehabilitation of aging existing facilities. Mr. Yokoyama is a detailed, hands-on engineer that understands how to efficiently move a project forward from start to finish. His most recent experience includes managing the successful design and construction of a 20,000 LF raw water transmission main (14" to 18" dia) in La Cienega Boulevard through the Cities of Los Angeles and Beverly Hills, CA.



#### Alejandro Quiroz | Assistant Engineer

Mr. Quiroz is an Assistant Engineer in Hazen's Los Angeles office. He brings pipeline and Groundwater Treatment design experience with a foundation in Civil and Environmental Engineering. He has experience in sizing and evaluating different pretreatment, GAC and IX treatment, and chemical treatment technologies for more than 8 groundwater treatment for sources containing PFAS and/or TCP- 1,2,3. Mr. Quiroz is experienced in AutoCAD and Revit management and development of civil and mechanical plans, profile and details.



# Section 3 References

## Section No. 3 References

Hazen is committed to project delivery to achieve customer satisfaction. We are proud to provide positive references for key projects highlighted in this proposal. We encourage you to reach out and talk to these references directly about their experience with Hazen and the key team members specifically.



## La Brea Groundwater Supply Project City of Beverly Hills, CA

The City is expanding its local water supply and infrastructure to provide resiliency, reliability and a high level of customer service. This project is a critical step that aligns with the City's Water Enterprise Plan and La Brea Subarea Preliminary Design Report (PDR). The City is moving forward with a project to expand their local water supply by developing groundwater in the La Brea Subarea of the Central Groundwater Basin. Transmission pipelines, expansion of the Foothill Water Treatment Plant, and new groundwater wells are all being designed and constructed.

Preliminary and final design was provided for well site demolition, well drilling, well equipping, and the 4-mile transmission main (4 total bid packages). The total construction estimate of the designed facilities is approximately \$12 M. To date, all but the well equipping construction is complete, with construction planning to start in early summer 2021.

Specialty disciplines include hydrogeology, electrical, instrumentation and control, structural, architectural, HVAC, surge analysis, hazardous materials testing, permitting, geotechnical, survey, CCTV, potholing, traffic control, and cost estimating.

#### Reference

Vince Damasse Water Resources Manager (310) 285-2491 vdamasse@beverlyhills.org

#### **Project Dates**

2019 - Ongoing (In Construction)

#### **Key Personnel**

Cindy Miller Alejandro Quiroz Tori Yokoyama Steve Conner Nathan Boyle Nicole Blute Richard Slade



16" ductile iron pipe to be installed using open trench construction.



Current well equipping construction.



Trenching through a residential neighborhood in Beverly Hills.



Eastside and State Street Water Treatment Plants City of Chino, CA

Hazen has been assisting the City of Chino in development of a system-wide Water Quality Feasibility Study and design services to address existing and potential emerging water quality issues for the City's existing groundwater supply. For the feasibility study, Hazen characterized water quality considering current and potential future regulated contaminants, identified various compliance approaches, evaluated best value treatment technologies, and developed an implementation plan to guide the City.

The most critical project recommended in the feasibility study was expansion of the Eastside Water Treatment Plant. Hazen increased the treatment capacity from 3,500 gpm to 7,000 gpm for removing nitrate, perchlorate, 1,2,3-TCP and DBCP from four well sources. The design included pressurized GAC vessels, regenerable ion exchange system, cartridge filter pre-treatment and a dual brine line to eliminate the current hauling of waste brine. Hazen worked with DDW from early in the design process and throughout the design to coordinate testing and start-up requirements and determination of 97-005 permitting requirements.

Once the Eastside expansion was in construction, the City selected Hazen to provide design engineering services for the State Street Water Treatment Facility Project. Once completed, the State Street WTF will restore operation of the City Wells 12 and 14 at a combined capacity of 4,000 gpm, by providing GAC treatment for removal of 1,2,3-TCP and regenerable ion exchange (IX) for removal of nitrate and perchlorate, and chlorine gas for disinfection. Hazen also was retained to analyze and design the off-site pipelines required to deliver well water to the plant, and deliver treated water into the distribution system.

#### Reference

Amanda Coker Engineering Manager Cucamonga Valley Water District (formerly Utilities Engineer and Operations Manager, City of Chino) (909) 560-0736 amandaleighcoker@gmail.com

#### **Project Dates**

2019 - Present

#### **Project Team**

Nicole Blute Cindy Miller Nathan Boyle Steve Conner Alejandro Quiroz Richard Slade



## Chino I Desalter VOC Treatment Facilities Chino Basin Desalter Authority, Chino, CA

Hazen is providing engineering design services to Chino Basin Desalter Authority (CDA) for the design and construction of two (2) treatment facilities (1.7 mgd and 3.4 mgd) at the Chino I Desalter Plant for the removal of TCE and 1,2,3-TCP, and evaluation of treatment requirements for 1,4-dioxane, cis-1,2-DCE, 1,2-CDA, PFOA, and PFOS. The goal of this project is to provide groundwater treatment for all CDA bypass wells (CDA Wells I-1 through I-4), and several treated wells ( CDA I-16 through 18), plus 10 new wells that will be installed by the County of San Bernardino as part of a Cleanup and Abatement Order issued by the Santa Ana Regional Water Quality Control Board (SARWQCB).

The treatment system includes pre-treatment system (cartridge filtration) followed by lead/lag GAC for the removal of TCE and 1,2,3-TCP. In addition, future technologies, such as ultraviolet light advanced oxidation process (UV/AOP), were evaluated in this project as a contingency should contaminant concentrations increase, or regulatory levels decrease for the treatment of 1,4- dioxane. Hazen's services include preparation of Basis of Design Report (BODR), field investigations, detailed design, DDW permitting, Policy Memo 97-005, bidding services, and engineering services during construction.

One of the key elements of this project is Policy Memo 97-005 due to presence of the constituents of concerns. The 97-005 process includes multiple steps, beginning with a source water and contaminant assessment and raw water quality characterization. The 97-005 process also includes compliance with the California Environmental Quality Act (CEQA), submission of a permit application to DDW, and public hearings. This effort was occurring in parallel with the detailed design performed by the Hazen team.

#### Reference

Tom O'Neill CDA General Manager & CEO (909) 218-3729 toneill@chinodesalter.org

#### **Project Dates**

2020 - 2022

#### **Project Team**

Nicole Blute Cindy Miller Mary Hambel Steve Conner Alejandro Quiroz



# Section 4 Overview and Approach

## Section No. 4 Overview and Approach

The City is in the process of purchasing a new property on Vermont Avenue. Hazen understands the importance to the City to leverage this site in the most effective, cost-conscious way to support the overall water system infrastructure. Hazen's approach to the Site Investigation will efficiently and successfully develop and select the optimal alternative for the use of the site.

## Approach

The Hazen Team will build on our unmatched knowledge of compliance planning and treatment of complex mixtures of groundwater contaminants to deliver on an accelerated schedule, while ensuring a thorough and quality study with maximize the beneficial use of the site while achieving regulatory compliance. We have recent project experience throughout Southern California addressing the exact constituents and exact treatment technologies facing the City.



#### Figure 1 - Recent Groundwater Treatment Experience in Southern California

As illustrated in Figure 1, we have the tools and experience to hit the ground running on this project. Our local team based in both Los Angeles and Orange County provides the City quick access to our team for project support. We are teaming with Richard C. Slade & Associates (RCS), an experienced, respected hydrogeological firm with extensive knowledge of the local groundwater basin. RCS has provided past Hydrogeologic services to the City with their existing wells. In 2006, RCS provided an assessment of the need for well rehabilitation for City Well Nos. 13 and 14. As part of this work, RCS collected and reviewed hydrogeologic data for the wells and provided well rehabilitation recommendations for both wells. RCS also helped to design, construct, and test the City's Well No. 15. RCS's local knowledge and responsiveness will provide exceptional value to the project.

The City has identified specific planned improvements to the water infrastructure, including a centralized groundwater treatment facility to address PFOS and 1,4-dioxane, a new groundwater well to supplement supply, and a new reservoir and pump station to provide needed storage capacity. A critical component to each of these improvements is land on which to site the facilities. The City recently located and is purchasing the Vermont Avenue site, providing the opportunity to implement these improvements. We understand the City's goal to maximize the beneficial use of the Vermont Avenue site to help achieve the City's stated water supply, quality, storage, and distribution needs. Our approach addresses the alternatives to meet each of these needs, integrating them together into the optimal project, as follows:

1. Water Quality and Treatment: Hazen was pleased to have the opportunity last year to assist the City in the evaluation of the feasibility of PFAS treatment for Wells 14 and 16. This opportunity provided our team a unique insight into the City's wells, groundwater challenges, and system needs. Our team has a head start on this task, and we are ready to leverage this knowledge efficiently to this current project. Currently the City has noted levels for PFOS and 1,4-dioxane at Well 14 which are above the notification level (NL) but below the response level (RL). The Technical Memorandum prepared analyzed the treatment options, recommending Granular Activated Carbon (GAC) or Ion Exchange (IX) for PFAS and Ultraviolet Advanced Oxidation Process (UVAOP) for 1,4-dioxane. Figure 2 below illustrates the conceptual treatment flow diagra'm for Well 14.



Figure 2 - Well 14 Conceptual Treatment Diagram

Sizing and conceptual layouts were prepared for the appropriate processes at each of the well sites, and determined that based upon site constraints, a centralized off-site treatment plant would provide the City with more reasonable space for current and future operations, which would provide flexibility as regulations evolve in the future.

With the fortunate acquisition of the Vermont Avenue property by the City, the City is moving forward with this feasibility level investigation into the opportunity to site the centralized treatment facility, as well as potentially a new Well 17 and a storage reservoir with pump station. We understand the water quality challenges at Well 14 and through the previous study have a jump start on the equipment and site requirements. While Well 16 does not have levels of either constituent above the NL level at this time, it is prudent to consider alternative configurations for this site investigation study to determine the feasibility of treating flow from Well 16 at the centralized facility in the future should conditions change. Similarly, at this time the water quality associated with a new Well 17 at the treatment facility site is unknown, but will be integrated into the analysis. Our Project Manager Nicole Blute's experience understanding and planning for the evolving regulatory landscape will ensure the facility layouts will provide maximum flexibility for the City while retaining a cost-conscious approach.

# Constituents of Concern and Treatment Solutions

Well 14 PFOS and 1,4-dioxane GAC, IX, UVAOP

Well 16 Iron/Manganese Greensand filtration (existing on-site)

Well 17 Unknown

- 2. Hydrogeology: As mentioned previously, the City has identified additional well capacity as key to meeting water demand, and the site planning includes a new well on the site. At the Vermont site, the purpose of RCS's review will be to determine from both a hydrogeologic and logistical standpoint if the construction of a water supply well is feasible at the subject property. This assessment will not only consider hydrogeologic factors such as the thickness of water bearing sediments beneath the property and the potential production rate of a new well, but will also consider the water quality parameters as they relate to the construction a possible treatment plant at the property. In addition, it will consider the logistical feasibility of constructing, operating, and maintaining a possible well at the property with respect to site layout and logistical issues. RCS's extensive knowledge of the area hydrogeology and well design experience will provide a high level of confidence in the well yield and quality estimates to support the feasibility analysis.
- 3. Alternative Site Layouts: Hazen has already initiated brainstorming process for alternative layouts at the site. Understanding the water quality challenges discussed above, siting appropriate treatment equipment appears to be the highest priority to maintain compliance. The site planning also includes the new well and associated assumptions for well water quality and anticipated capacity, which will feed into treatment capacity and establish the well footprint. Additionally, consideration will be give to incorporate a reservoir (up to 1 MG is desirable) with distribution pump station. The alternatives will also prioritize operability, access, safety, and flexibility to adapt to future requirements.

As noted previously, both GAC and IX are effective technologies for PFAS removal. Both approaches will be considered in the alternatives development. Figure 3 on the following page presents one possible conceptual layout of the site assuming IX treatment, with cartridge pre-filtrations, UVAOP for 1,4-dioxane removal, disinfection, and siting of the new Well 17 to allow drill rig access.



Isometric Rendering of Ion Exchange Vessels (Westech)

#### Hydrogeologic Key Issues

- Review available data and update existing hydrogeologic database
- Estimate anticipated well yield
- Estimate anticipated groundwater quality
- Identify contamination sources proximal to site
- Analyze potential drawdown interference with nearby wells
- Identify disposal options for drilling fluids and long-term pump-to-waste
- Site access and layout for drill rig access


There are several key assumptions that could affect the configuration of the on-site components, such as:

- Well operational configuration Because Wells 16 in not currently showing the presence of PFAS, it may not be necessary to treat at the centralized plant. The water quality of the planned Well 17 is unknown, and may or may not require treatment. The layout above shows a configuration capable of treating the combined flow of any two of the wells at a time.
- **Treatment Requirements** If Well 16 is the only well showing 1,4-dioxane, it may be prudent to place the UVAOP at the Well 16 site, freeing up additional space at the Vermont site to potentially consider inclusion of a small reservoir.
- **Phasing** Layouts may be generated to identify components necessary based on current water quality, with space reserved for expansion and/or future treatment components as water quality changes and/or regulations evolve.
- **Reservoir and Pump Station** Contingent upon the recommended alternative configurations for the well and treatment, potential sizing and configuration for a storage reservoir will be developed. As can be noted from Figure 3, the remaining available space may not be conducive to a reservoir at the desired size; however, as the City mentioned at the pre-proposal meeting, should one of the adjoining properties become available for acquisition, the conceptual site layouts will consider space planning to incorporate future storage and pumping facilities with minimal impacts to piping, access, etc.

Hazen will work closely with the City to thoroughly investigate these assumptions in order to best meet the City's needs and develop the optimal solutions for the Vermont site.

4. Off-Site Facility Requirements: Several off-site improvements will be required to integrate the Vermont Avenue site into the City's system. Hazen's team includes experts in well pump design, hydraulic analysis, and pipeline design to analyze and define the off-site facility requirements, including both the pipelines to bring well water to the centralized plant, and the pipelines to deliver product water into the system.

The first step will be to analyze hydraulic impacts to the existing well pumps. We will estimate head losses within raw water piping and through the treatment train, considering impacts both with and without incorporation of a new storage reservoir at the site. By reviewing pump curves and pump tests, pump operability and efficiency will be evaluated under new conditions to determine if well modifications are required and the estimated costs.

Concurrently, Hazen will develop a conceptual design for the raw and product water pipelines. Alternatives analysis for the pipelines will include:

- Hydraulic review of the distribution system to determine recommended connection points into the system for product water.
- Utility research to identify critical utility crossings.
- Identify key requirements for the railroad crossing, including coordination, schedule, costs, and trenchless installation alternatives, including jack and bore (typically the most cost effective alternative), HDD, and microtunneling.
- Minimization of impacts to traffic flow, schools and businesses, and residences.
- Pipeline sizing and material recommendations, including consideration of cost and delivery schedule for alternative materials. It should be noted that due to recent economic factors, certain pipe and valve materials (such as PVC and butterfly valves) suppliers have experienced longer lead times and price escalations, which will be factored into our materials analysis.

# Scope of Work

Hazen has prepared the following comprehensive description of the activities proposed to complete the project based upon the scope of work provided by the City in the RFP. We have added assumptions to the task items below for clarification with respect to our proposal.

A. Preliminary Engineering								
Task A1. Project	Prepare quality control plan							
Management	Prepare meeting schedule							
	Attend meetings (assume 1 kick-off meeting/site visit and 1 review meeting for Draft SIR), prepare     agendas and minutes							
Task A2. As-Built	Prepare data request							
and Review	<ul> <li>Review information provided by City, including site dimensions, existing well information, existing water system facilities and hydraulic information, utilities, and relevant permit information</li> </ul>							
Task A3. Pipeline Alignment Analysis	Perform preliminary utility and right-of-way research based on available records to identify characteristics of preferred pipeline routes to Vermont Avenue site							
Task A4. Review of Hydraulic Parameters	Analyze system hydraulic parameters in proximity to the proposed site to determine potential pipeline connection points and pump station sizing							
Task A5. Review of	Review available hydrogeological information to update existing local hydrogeologic database.							
Information	Summarize anticipated well parameters, depth, diameter, yield, water quality, and footprint.							
	Idenitfy potential hazardous waste/contamination sites proximal to proposed Well 17 site.							
	Evaluate site constraints including drill rig access, proximity of existing utilities, including sewer lines.							
	Identify otential construction fluid discharge locations and pump-to-waste connection point.							
Task A6. Water Quality	Review the available water quality data at Wells 14 and 16, and other available data							
	Based on available historical data, develop influent water quality design criteria							
Task A7. Treatment Goals and Criteria	Establish water quality treatment goal for key constituents							
Goals and Ontena	Develop treatment criteria, including recommended technology, capacity, size, configuration, footprint, etc.							
B. SIR Report Docu	ment							
Task B1. Site	Develop alternative project elements							
Investigation	<ul> <li>Develop facility footprints based upon conceptual equipment layouts and site-specific constraints, including consideration site entry points and access, operator preferences, wastewater disposal option security, etc.</li> </ul>							
	• Prepare project evaluation matrix, incorporating decision criteria and scoring priorities identified cooperatively with City staff (examples include operability, treatment reliability, footprint, waste residuals, costs, etc.)							
	Based upon conceptual project components, determine necessary CEQA compliance steps							
	Investigate and prepare summary of potential sources of federal, state, and local grant funding							
Task B2. Preliminary Cost Estimate	Prepare preliminary estimate of design and construction costs for the Project, including pertinent studies, final design, construction, construction management, inspection, and project administration							
	Include contingencies (with justifications) on major items							
	Capital cost estimates consistent with AACE Class 4 feasibility level							
Task B3 and B4. Draft and Final Site Investigation Report E	• Prepare and submit Draft Report (5 hard copies and 5 electronic copies on flash drives) organized per City Requirements:							
	Executive Summary       F. Final Alternative Project Costs         Introduction       G. Considerations for Cooperative Project         Alternative Project Elements including Site       Funding         Plans       H. Conclusions and Recommendations         Project Evaluation Matrix       I. Appendices							
L	<ul> <li>Evaluate and propage to Oity's comments to draft report</li> </ul>							
	Evaluate and prepare responses to City's comments to draft report.							
	<ul> <li>Update and submit Final Report to hard copies and b electronic copies on flash drives)</li> </ul>							

The above scope of work is based upon the following assumptions and exclusions:

- Topographic survey not included.
- Geotechnical investigation not included.
- Surge analysis not included.

# Schedule

Hazen understands that time is of the essence to the City to complete the study to move forward with final design and pursuing project funding. Hazen is committed to delivering the project schedule established in the RFP, with completion of the Final Back-Checked Site Investigation Report within 90 days of the written notice to proceed.



# **Project Controls**

Successful project controls and project delivery begins with proper planning and task definition at project onset.

## A Focus on Schedule

One of the most critical components of successful project management and schedule control is the development of a project implementation plan at the onset. Hazen policy is for each project manager to develop a detailed project execution plan that includes a detailed description of the tasks to be performed, the staff to be performing the tasks, the scheduled completion date for each deliverable and key milestone, and critical path tracking at the project onset. Having a project execution plan controls the schedule by communicating expectations through early planning.

# **Cost Control**

Intrinsically connected to the project schedule is the project budget. The schedule will show the tasks and activities required to complete the work with the level of effort (in labor hours) planned for each task and subtask and continuously track progress against approved budget. We understand the importance of budget management on your project and will use our project controls expertise to track and control budget and provide timely and accurate invoicing. This enables us to identify issues and options for resolution as early as possible to ensure that high quality deliverables are submitted on time and within budget.

## **Continuous Communication**

The key to a successful collaborative approach is coordination and communication among the project team. Nicole and Cindy will be in frequent communication with the City's Project Manager. Nicole will track task expenditures for budget control and resource utilization. A decision log will be maintained to document and communicate key decisions. Communication starts by listening to and understanding the City's needs, documenting decision-making from meetings/workshops, and keeping the team informed on the study progress. The outcome is a better project gained with consensus.

# Quality Assurance/Quality Control (QA/QC)

Hazen has a rigorous QA/QC program to ensure all work products are adequately reviewed. Our QA program starts with using experienced people to deliver the project.

We build quality into everything we do at Hazen. A Quality Culture is an attitude that touches the entire project team, establishes the quality standards the team works to and builds the quality process that guides the day-to-day work. We start by ensuring we have assembled the right team to deliver a high-quality product and then we task the right person for each assignment. We then account for QC in the development of every deliverable schedule and make sure the QC review is assigned to a person with the appropriate technical expertise for the subject matter.

In addition, we take our QC reviews very seriously, knowing the reputation of the Firm rests on the quality of our deliverables, whether those originate with Hazen staff or with a subconsultant. The result is that Paramount will receive work of the highest quality each and every time.





# Section 5 Compensation/Payment Schedule

# Section No. 5 Compensation/Payment Schedule

Hazen proposes to complete the services described in the Scope of Work at the hourly rates and level of effort delineated in the Fee Schedule below. The proposed hourly rates are guarateed for the term of the agreement as noted in the RFP.

	Hazen and Sawyer									
Hazen	Project Manager	Principal	Technical Advisor QA/QC	Project Engineer	Sr Engineer Wells/Pump	Sr Engineer Pipeline/ Hydraulics	Assistant Engineer		Richard Slade & Assoc	
	NB \$298	СМ \$298	NB \$225	мн \$215	\$C \$242	\$242	AQ \$143			
					-			тмн	Sub	Total
Taak A1 - Drojaat Managamart										
a Propare Quality Control Plan	2		2					4		¢1.046
a. Frepare Quality Control Plan			2	2				4		\$1,040
	4	٥	2	2	٥	0	٥	8	¢0	\$2.072
TASK 1 TOTALS		v	-	2	v	v	v	v	ψU	ψ <b>2</b> ,072
a As-Built Research Investigation and Review	2			4			4	10		\$2 028
TASK 2 TOTALS	2	0	0	4	0	0	4	10	\$0	\$ 2.028
Task A3 - Pineline Alignment Analysis										• _,•_•
a Utility Research						2	4	6		\$1.056
b. Alternative Alignments	1			1		8	8	18		\$3.593
TASK 3 TOTALS	1	0	0	1	0	10	12	24	\$0	4.649
Task A4 - Hydraulic Review										.,
a. Analyze Hydraulic Impacts and Required Modifications	1			2	8	8		19		\$4.600
TASK 4 TOTALS	1	0	0	2	8	8	0	19	\$0	\$4,600
Task A5 - Hydrogeologic Review										. ,
a. Review of Hydrogeologic Data				2				2	\$14,090	\$14,520
TASK 5 TOTALS	0	0	0	2	0	0	0	2	\$14,090	\$14,520
Task A6 - Water Quality Evaluation										
a. Water Quality Evaluation	4						4	8		\$1,764
TASK A6 TOTALS	4	0	0	0	0	0	4	8	\$0	\$1,764
Task A7 - Treatment Goals and Criteria										
a. Establish Treatment Goals		1		2				5		\$1,324
b. Develop Equipment Requirements and Footprints			2	4			16	26		\$4,790
TASK A7 TOTALS		1	2	6	0	0	16	31	\$0	6,114
Task B1 - Site Investigation										
a. Develop Alternative Elements and Site Layout				8	8	8	16	44		\$9,072
b. Prepare Project Evaluation Matrix	2	2	2	4	2	2	12	26		\$5,186
c. Investigate CEQA Requirements and Funding Options	2			4			4	10		\$2,028
TASK B1 TOTALS	8	2	2	16	10	10	32	80	\$0	\$16,286
Task B2 - Preliminary Cost Estimate										
a. Capital Cost Estimate	1	1			2	2	6	12		\$2,422
TASK B2 TOTALS	1	1	0	0	2	2	6	12	\$0	\$2,422
Task B3,B4 - Draft and Final Site Investigation Report										
a. Prepare Draft Report	2	2	2	8	4	4	16	38		\$7,586
b. Respond to Comments and Prepare Final Report	1	1	1	4	2	2	8	19		\$3,793
TASK B3 TOTALS	3	3	3	12	6	6	24	57	\$0	\$11,379
GRAND TOTALS	30	7	9	45	26	36	98	251	\$14,090	\$65,834





## **APPENDIX 2 – Non-Collusion Affidavit**

The undersigned declares states and certifies that:

- 1. This RFP is not made in the interest of, or on behalf of any undisclosed person, partnership, company, association, organization or corporation.
- 2. This Proposal is genuine and not collusive or sham.
- 3. I have not directly or indirectly induced or solicited any other firm to put in a false or sham submission and I have not directly or indirectly colluded, conspired, connived, or agreed with any other firm or anyone else to put in sham submission or to refrain from submitting to this RFP.
- 4. I have not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price or to fix any overhead, profit or cost element of the proposal price or to secure any advantage against the City of Paramount or of anyone interested in the proposed contract.
- 5. All statements contained in the Proposal and related documents are true.
- 6. I have not directly or indirectly submitted the proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay any fee to any person, corporation, partnership, company, association, organization, RFP depository, or to any member or agent thereof to effectuate a collusive or sham proposal.
- 7. I have not entered into any arrangement or agreement with any City of Paramount public officer in connection with this proposal.
- 8. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards.

Page | 27

Signature of Authorized Representative

Cindy Miller Name of Authorized Representative Vice President Title of Authorized Representative

## APPENDIX 3 – Firms Acknowledgement of Compliance with Insurance Requirements for Agreement for Professional/CONSULTANT Services

The firm agrees, acknowledges and is fully aware of the insurance requirements as specified in the REQUEST FOR QUALIFICATIONS and accepts all conditions and requirements as contained therein.

CONSULTANT: Hazen and Sawyer

Name: Cindy Miller

Authorized Representative (Print or Type)

Bv:

Authorized Representative Signature

Date: 2/22/2022

This executed form must be submitted with the Statement of Qualifications.

### **APPENDIX 4 – Certification of the Statement of Qualifications**

The undersigned hereby submits its Statement of Qualifications (RFP) and agrees to be bound by the terms and conditions of this REQUEST FOR QUALIFICATIONS.

- 1) Firm declares and warrants that no elected or appointed official, officer or employee of the City has been or shall be compensated, directly or indirectly, in connection with this RFP or any work connected with this RFP. Should any agreement be approved in connection with this REQUEST FOR QUALIFICATIONS, the firm declares and warrants that no elected or appointed official, officer or employee of the City, during the term of his/her service with the City shall have any direct interest in that agreement, or obtain any present, anticipated or future material benefit arising therefrom.
- 2) By submitting the response to this request, the firm agrees, if selected to furnish services to the City in accordance with this RFP.
- 3) Firm has carefully reviewed its RFP and understands and agrees that the City is not responsible for any errors or omissions on the part of the firm and that the firm is responsible for them.
- 4) It is understood and agreed that the City reserves the right to accept or reject any or all RFP's and to waive any informality or irregularity in any RFP received by the City.
- 5) The RFP response includes all of the commentary, figures and data required by the REQUEST FOR QUALIFICATIONS
- 6) The RFP shall be valid for 90 days from the date of submittal.
- 7)

Name of firm: <u>Hazen and</u> Sawyer

(Authorized Signature)

Type Name: Cindy Miller

Title: Vice President

Date: 2/22/2022



Appendix A





#### **Role** Project Manager

#### Education

PhD, Environmental Engineering, Massachusetts Institute of Technology, 2002

BS, Environmental Science, University of Rochester, NY, 1996

BA, Chemistry, University of Rochester, NY, 1996

#### **Certification/License**

Professional Engineer: CA, #6408

#### **Areas of Expertise**

- Project management
- Groundwater treatment
- Decision analysis
- Advanced treatment
- Source water integration
- Distribution system water
- quality
- Corrosion control and stabilization
- Bench, pilot, and demonstration testing

#### **Professional Activities**

American Water Works Association

- Research Division Trustee
- Inorganic Contaminants Committee Chair

Society of Women Engineers

California Nevada AWWA

Recycled Water Committee Secretary



# Nicole Blute, PhD, PE

## **Vice President**

Dr. Blute serves as Hazen and Sawyer's Drinking Water Practice Lead for the West Region. She is a seasoned Project Manager with over 25 years specializing in drinking water treatment and system planning for water agencies, spanning topics such as removal of constituents of concern (PFAS, 1,4-dioxane, VOCS, chromium, granular activated carbon and ion exchange, coagulation/ filtration, and corrosion control.

# Feasibility of PFAS Treatment for Well 14 and Well 16, City of Paramount, CA

Dr. Blute was the Project Manager on an evaluation of the water quality and feasibility of implementing PFAS treatment at Wells 14 and 16. A need for 1,4-dioxane treatment at Well 14 was identified, and site layouts provided for UV advanced oxidation (UV AOP) for 1,4-dioxane and ion exchange for PFAS. A site layout for Well 16 with consideration of manganese treatment facilities at the site was prepared. Planning level cost estimates inclusive of capital and life cycle costs were developed.

# Water Quality Evaluation Study, Jurupa Community Services District, CA

Technical Advisor for an analysis of alternatives to address a range of water quality constituents, including TDS, nitrate, PFAS, VOCs, 1,2,3-TCP, 1,1-DCE, and perchlorate. This study included the development of shortterm options to mitigate service risks resulting from out of service wells, in addition to long-term design alternatives to address regulated contaminants. Flexibility to address potential future regulations was considered.

#### Chino I Desalter VOC Treatment, Chino Basin Desalter Authority, CA

Technical Advisor and Permitting Lead. The project involves planning and design of two GAC treatment facilities (1.7 and 3.4 mgd) at the Chino I Desalter Plant for the removal of 1,2,3-TCP and TCE. Evaluation of treated constituents and treatment design was conducted in the DDW 97-005 framework. Periodic presentations on emerging contaminant trends were provided to the CDA Board and member agencies.

#### **Technical Publications**

Najm, I., Gallagher, B., Vishwanath, N., Blute, N., Gorzalski, A., Feffer, A., and Richardson, S. (2021) PFAS Removal with GAC and a Specialty Adsorbent – A Case Study. AWWA Water Science, v. 3 (5).

Blute, N.K., McGuire, M.J., Reich, K., West, N., Voutchkov, N., and MacLaggan, P. 2008. Integration of Desalinated Seawater into a Distribution System: A Corrosion Pilot Study. Journal of the American Water Works Association, v. 100 (9), p. 117-131.

Blute, N., Wu, Y., Imamura, G., Song, Y., Porter, K., Cron, C., Fong, L., Froelich, D., Abueg, R., Henrie, T., Ramesh, S, and Vallejo, F. (2015) Assessment of Ion Exchange, Adsorptive Media and ROF for Cr(VI) Removal. Water Research Foundation Report.

Blute, N., Wu, Y., Cron, C., Fong, L., Froelich, D., and Abueg, R. (2015) Microfiltration in the RCF Process for Hexavalent Chromium Removal from Drinking Water. Water Research Foundation Report.

Chowdhury, Z., Bigley, S., Porter, K.L., Blute, N., Rhoades, J, Westerhoff, P, Bowen, A. (2015) Evaluation of Technologies for Hexavalent Chromium Removal and Development of a Compliance Planning Approach. Water Research Foundation Report.

Najm, I., Brown, N.P, Seo, E., Gallagher, B., Gramith, K., Blute, N., Wu, Y., Yoo, M., Liang, S., Maceiko, S., Kader, S., and Lowry, J. (2014) Impact of Water Quality on Hexavalent Chromium Removal Efficiency and Cost. Water Research Foundation Report.

Blute, N.K., Wu, Y., Porter, K., Imamura, G, McGuire, M.J., Zurn, S., Abueg, R., Froelich, D., and Fong, D. (2013) Hexavalent Chromium Removal Project Report.

Blute, N., Wu, X., Cron, C., Abueg, R., Froelich, D., and Fong, L. 2014. Hexavalent Chromium Treatment Implementation in Glendale, Calif. Journal of the American Water Works Association, v. 106 (3), p. E160-175.

Blute, N.K., Ghosh, A., and Lytle, D. 2012. Assessing Ammonia Treatment Options. Opflow, May issue.

#### Plant 30 Wellhead Treatment Final Design, Monte Vista Water District, Montclair, CA

Project Manager. Hazen provided design services to Monte Vista Water District (MVWD) for the design and construction of a 5.8 MGD water treatment facility (expandable to 8.7 MGD) for the removal of 1,2,3-TCP, DBCP, nitrate, and perchlorate from the District's groundwater supply. The project includes raw water pipelines to convey multiple wells to the site, GAC+IX treatment facilities, and waste brine pipeline all within a small site footprint. Hazen's engineering services include preparation of Basis of Design Report (BODR), field investigations, detailed design, CEQA, permitting, bidding services, engineering services during construction, and construction management.

#### Eastside Water Treatment Facility Expansion, City of Chino, CA

Technical Advisor for the Eastside Water Treatment Facility Expansion. The project involves retrofitting the existing treatment equipment and building to accommodate an expanded capacity from 3,500 to 7,000 gpm. The treatment process consists of GAC for removal of 1,2,3-trichloropropane (1,2,3-TCP), regenerable ion exchange (IX) for the removal of nitrate and perchlorate, and chlorine gas for disinfection. The project also includes 97-005 DDW permitting.

#### Owner's Agent for the San Fernando Basin Groundwater Remediation, Los Angeles Department of Water and Power, Los Angeles, CA

Project Manager and Technical Leader for the Los Angeles Department of Water and Power (LADWP) San Fernando Basin Groundwater Remediation. As the Owner's Agent, the team led by Dr. Blute is conducting a \$48.8M, 10-year project to select and implement remediation, estimated to cost \$600M for planning, design, and construction. Components include the following: Technical evaluation; Regulatory permitting, including 97-005 reports; Design services ranging from 30% to 100% design depending on the project; Procurement assistance; Proposition 1 grant writing; Construction scheduling; and Evaluation of alternate delivery options.

#### Centralized Groundwater Treatment Facility, City of Monterey Park, Monterey Park, CA

Dr. Blute provided technical support to the Design-Build team in addressing the State Water Boards Division of Drinking Water (DDW) questions about use of advanced oxidation processes (AOP) for 1,4-dioxane and volatile organic compound (VOC) removal and catalytic GAC for peroxide quenching. Dr. Blute led the production of a white paper to summarize industry knowledge on these topics requested by DDW.



**Role** Principal in Charge

#### Education

B.S., Civil Engineering, University of California, Irvine, 1994

#### **Certification/License**

Professional Engineer: CA, #58116

#### Areas of Expertise

- Pipeline Planning and Design
- Project Management
- Program Management
- Project Delivery
- Groundwater Supply
- Well Equipping Planning and Design
- Pump Station Planning and Design
- Reservoir Storage Planning and Design
- Drinking Water

#### **Professional Activities**

AWWA, ASCE, AMTA CA-NV AWWA CA Water Reuse Association





# Cindy Miller, PE Vice President

Ms. Miller is an experienced Principal in Charge with a long resume of leading the most challenging projects to successful completion. Her experience extends from planning, design, construction, and owner's agent services.

Her assignments have included providing Program Management services for a \$150 million groundwater supply project, which includes wells, pipelines, pump stations, and an advanced treatment system for R.O. concentrate reduction; Project Manager for preliminary and final design of a 28 MGD microfiltration treatment facility, and Project Manager for a 10 MGD R.O./Ion Exchange groundwater treatment plant. In addition to these specific water treatment systems, Ms. Miller has led the design of numerous wellhead treatment systems, including treatment for iron, manganese, arsenic, TCE, 1,2,3-TCP, to name a few. Ms. Miller has also led numerous water storage and conveyance infrastructure projects, including design of over 100 miles of pipeline Ductile Iron, CML&C steel, PVC, and HDPE pipeline), design of steel, pre-stressed concrete, and cast-in-place concrete storage reservoirs, up to 10 million gallons, and numerous pump station facilities. She has led feasibility/planning studies, developed treatment process evaluations and life-cycle cost evaluations, participated in value engineering studies and operations evaluations. She has developed detailed designs of many systems and provided construction and startup services. She has experience with different project delivery methods including: design-bid-build, design-build and design-build-operate-finance.

### Chino Feasibility Study and Eastside Expansion for 1,2,3-TCP, Nitrate, and Perchlorate

Principal in charge for the City of Chino to identify a permanent solution to fully utilize all City groundwater wells by addressing water quality issues. Treatment and non-treatment options were evaluated for the City's twelve wells. From this study, the City was able to move forward with two major groundwater treatment projects, which Hazen was responsible for the design. One of these projects is currently in construction and another is nearing design completion.

#### Chino I Desalter VOC Treatment, Chino Basin Desalter Authority, CA

Project Manager. The project includes preliminary and final design of two (2) GAC treatment facilities (1.7 mgd and 3.4 mgd) at the Chino I Desalter Plant for the removal of TCE and 1,2,3-TCP, and evaluation of treatment requirements for 1,4-dioxanr, cis-1,2-DCE, 1,2-CDA, PFOA, and PFOS. The goal of this project is to provide groundwater treatment for all CDA bypass wells (CDA Wells I-1 through I-4), and several treated wells (CDA I-16 through 18), plus 10 new wells that will be installed by the County of San Bernardino as part of a Cleanup and Abatement Order issued by the Santa Ana Regional Water Quality Control Board (SARWQCB).

#### Water Quality Evaluation Study, Jurupa Community Services District, Jurupa Valley, CA

Project Manager for an analysis to evaluate design alternatives to address a range of water quality constituents, including TDS, nitrate, PFAS, VOCs, 1,2,3-TCP, 1,1-DCE, and perchlorate. This study included the development of short-term options to mitigate service risks resulting from out of service wells, as well as long-term design alternatives to address regulated contaminants, while allowing flexibility to comply with potential future regulations. Results from this study have led to specific treatment recommendations that JCSD is moving forward with implementing.

#### Monte Vista Water District Plant 30 Treatment for 1,2,3-TCP, Nitrate, and Perchlorate, Montclair, CA

Principal In Charge for engineering services to Monte Vista Water District (MVWD) for the design and construction of a 5.8 MGD water treatment facility (expandable to 8.7 MGD) for the removal of 1,2,3-TCP, nitrate, and perchlorate from the District's groundwater supply. The project includes raw water pipelines to convey multiple wells to the site, GAC+IX treatment facilities, and a waste brine pipeline all within a small site footprint. Hazen's engineering services include preparation of Basis of Design Report (BODR), field investigations, detailed design, CEQA, permitting, bidding services, and engineering services during construction.

#### Chino I Desalter Expansion and Chino II Desalter Projects, Inland Empire, CA

Provided engineering services to the Chino Basin Desalter Authority (CDA) for the multimillion-dollar Chino I De-salter Expansion and Chino II Desalter projects. The assignment involved design of a new desalter facility; expansion and upgrade of an existing desalter facility; design of water distribution facilities, including pump stations, pipelines, and well equipping. The project included expansion of an existing 9 MGD reverse-osmosis treatment plant to a 14 MGD plant by adding ion exchange treatment for nitrate removal and VOC treatment for removal of TCE. Other plant improvements included the upgrading of the existing disinfection system to 0.8 -percent solution sodium hy-pochlorite generated on site, expansion of the on-site product water pump station, and other miscellaneous up-grades to improve plant performance. In conjunction with increasing the Chino I Desalter's capacity, three new wells were added to increase the system's raw water supply. Delivery facilities from the Chino I Desalter were add-ed to enhance movement of treated water to the end-users. Delivery facilities included two new booster pump stations with capacities of 2,600 gpm and 1,400 gpm and approximately 14,000 linear feet of product water pipe-line, 12 inches to 24 inches in diameter. The project also included design of a new 10 MGD Chino II Desalter. This treatment plant was designed to target TDS and nitrate removal and using reverse-osmosis and ion exchange in parallel. The project included eight new groundwater wells; approximately 30,000 linear feet of raw water pipeline, 16 inches to 36 inches in diameter; approximately 24,000 linear feet of product water pipeline, 12 inches to 42 inches in diame-ter; and a new booster pump station with 3,000 gpm capacity. The new and expanded desalters, which include the Chino I Desalter and the Chino II Desalter, provide potable water to and strengthen the water supply reliability of cities and agencies in the southwesterly region of the Inland Empire, including Jurupa Community Services District, City of Chino, City of Chino Hills, City of Ontario, Santa Ana River Water Company, and the City of Norco.

# La Brea Subarea Groundwater Supply Project – Wells, Transmission Main, and Treatment Facilities, City of Beverly Hills, CA

Ms. Miller is the Principal In Charge for the City of Beverly Hills La Brea Subarea Groundwater Supply Project. This is a \$50 M project the City is implementing to expand their local water supply by developing groundwater in the La Brea Subarea of the Central Groundwater Basin. The project includes three (3) groundwater wells to be drilled and equipped, 4-miles of raw water transmission main through the City of Los Angeles and Beverly Hills, and upgrade of the City's existing reverse osmosis treatment plant. The first phase of the project which Hazen is leading is the drilling and equipping of the first groundwater well, and construction of the 4-mile transmission main.



# Role

QA/QC

#### Education

BE, Chemical Engineering, University of Newcastle, 2011

#### Certification/License

Professional Engineer: CA, #6799 Chartered Chemical Engineer: Australia

#### Areas of Expertise

- Water reuse
- Water treatment
- Operations support
- Process and mechanical engineering

#### **Professional Activities**

American Water Works Association

 California/Nevada Water Resources Division Vice Chair

Southwest Membrane Operator Association

• Director

American Membrane Technology Association

Institute of Chemical Engineers

Chartered Member

# Nathan Boyle, PE Associate

Mr. Boyle is a Senior Principal Engineer and Operations Specialist. His experience includes conceptual and detailed design of water and water recycling facilities and chemical systems, as well as pilot testing, plant optimization, and operations.

### State Street Water Treatment Facility, City of Chino, CA

Project Manager and Onsite Facilities Lead. City of Chino's Wells 12 and 14 have been inactive for some time due to being impacted from contamination. Restoring their utilization provides a key local water resource to support the City's growing population and water demand. The use of treated groundwater is preferred to reduce reliance on purchased imported surface water. The State Street Water Treatment Facility (State Street WTF) is a new, centralized treatment project that treats Wells 12 and 14 for nitrate, perchlorate, and 1,2,3-trichloropropane. The State Street WTF consists of granular activated carbon for removal of 1,2,3-TCP, regenerable ion exchange for the removal of nitrate and perchlorate, and chlorine gas for disinfection. Off-site facilities include 7000 LF of 16" raw water pipeline, and 5000 LF of brine waste gravity mains.

#### Eastside Facility Expansion, Chino, CA

Nathan is the project manager and process engineer for a 3,500 gpm treatment expansion for the City of Chino at the Eastside Facility. Treatment includes GAC for 1,2,3-TCP and ion exchange for nitrate. The design includes treatment of three wells, with potential for a forth, pipelines, buildings and control systems. This design requires careful integration of the new equipment with existing treatment on site.

#### Los Angeles Department of Water and Power, Treatment for San Fernando Groundwater Basin, Los Angeles, CA

Task Manager and process/mechanical engineer – Project is a large scale remediation which may require advanced treatment. Role includes scheduling, budgeting and cost estimating, providing advice and recommendation on treatment selection, preparation of drawings, layouts and project meetings. Role includes coordination of engineering disciplines including but not limited to process, civil, architectural, structural, mechanical, electrical and instrumentation.





# Leo J. Vander Lans WTF Calcium Chloride Bulk Storage Expansion, Water Replenishment District of Southern California, Lakewood, CA

Project Manager. Nathan was Project Manager on this recently constructed project. Calcium chloride is used at the Leo. J. Vander Lans Advanced Water Treatment Facility to stabilize reverse osmosis permeate prior to groundwater injection for the seawater barrier. Hazen recommended expanding storage by installing a new 5,000 gal storage tank to provide adequate storage when the plant was operating at average and max 8 MGD design flows. The structural scope included design of a conventionally reinforced, cast-in-place concrete containment structure for chemical storage, and cast-in-place concrete pipe trench with traffic rated precast covers used to connect the existing chemical containment structure with the new one. The design also included a pre-engineered steel canopy structure over the chemical storage.

#### Operations Optimization and Dashboard Reporting, Irvine Ranch Water District (IRWD), CA

Project Engineer. Developed a customized normalization and dashboard reporting software for 4 groundwater membrane facilities. Project involved review of existing drawings, determination of key performance indicators (KPI), development and commissioning of MemOps software and review of existing site instrumentation. The project has reduced data processing work for IRWD by over 90%.

#### Plant 30 Wellhead Treatment Design, Montclair, CA

Nathan provided technical input and review of plant controls, commissioning and maintaining plant operations during construction for the planning and design of a 4,000 gpm treatment system for L Vista Water District. Treatment includes GAC for 1,2,3-TCP and regenerable ion exchange for nitrate and perchlorate. The design includes treatment of two out of three wells and pipelines from two wells to the third well site. Future expansion for treating all 3 wells is a design consideration.

#### West Basin Municipal Water District, Operations Support, Carson, CA

Project Manager. This two year on call project incorporates support to all West Basin operations including the 55 MGD Edward C Little Water Recycling Facility, neighboring satellite recycling facilities and distribution pipe network. Responsible for coordination of operations support team, scheduling, budgeting, treatment, water quality and operations advice, preparation of standard operating procedures and dashboards for measurement of facility key performance indicators (KPI).

#### West Basin Municipal Water District Carson MF Upgrade, Carson, CA

Lead Process Engineer. Design of a 5.88 MGD microfiltration (MF) system replacement, treating tertiary wastewater effluent for reuse in an adjacent oil refinery. This MF design is a 'custom engineered' mechanical design approach to allow the use of multiple vendor membranes to provide future flexibility. His role includes a life cycle assessment of existing MF facility, MF process and mechanical design, process controls design, membrane procurement and contractor specifications and coordination of engineering disciplines.

#### City of Lomita Cypress Water Production Facility Upgrade, Lomita, CA

Project Manager. Design of a GAC treatment system and upgraded disinfection system to allow the City of Lomita to utilize more groundwater sources and reduce odor issues. Responsible for process design, preparation of layout drawings, coordination of engineering disciplines and preparation of specifications. This retrofit follows field work and pilot testing and is to be installed on a very tight site requiring careful coordination of disciplines to integrate a successful operations focused solution.



Role Project Engineer

#### Education

MS, Civil and Environmental Engineering, University of California, Berkeley, 1998

BS, Civil Engineering, Loyola Marymount University, 1997

#### **Certification/License**

Professional Engineer: CA, #C062253

#### **Areas of Expertise**

- Water Treatment
- Pipelines
- Pump Stations/Wells
- Reservoirs
- Chemical System Design
- Alternatives Analysis
- Regulatory Agency Coordination
- Technical Writing

# Mary Hambel, PE Associate

Ms. Hambel is a registered professional civil engineer with 23 years of experience, actively involved in multiple phases and facets of pipeline, pumping, storage, and treatment facilities for water, wastewater, and recycled water projects, including lead investigation, proposal preparation, planning and preliminary design, field work and pilot investigations, detailed design, regulatory coordination and permitting, bidding and construction support, and operations and maintenance support.

#### Chino I Desalter VOC Treatment, Chino Basin Desalter Authority, CA

Process/Mechanical Engineer. The project includes preliminary and final design of two (2) GAC treatment facilities (1.7 mgd and 3.4 mgd) at the Chino I Desalter Plant for the removal of TCE and 1,2,3-TCP, and evaluation of treatment requirements for 1,4-dioxanr, cis-1,2-DCE, 1,2-CDA, PFOA, and PFOS. The goal of this project is to provide groundwater treatment for all CDA bypass wells (CDA Wells I-1 through I-4), and several treated wells (CDA I-16 through 18), plus 10 new wells that will be installed by the County of San Bernardino as part of a Cleanup and Abatement Order issued by the Santa Ana Regional Water Quality Control Board (SARWQCB).

#### South Archibald Plume Cleanup Project, Chino Basin Desalter Authority (CDA), Chino, CA

Serving as Assistant Program Manager assisting CDA, IEUA and City of Ontario in implementing the South Archibald Plume Project. Using a combination of existing and planned CDA facilities and new infrastructure, groundwater from the TCE plume will be pumped to CDA's Chino II Desalter for treatment and beneficial use. The project is a result of a cooperative solution as described in the CAO issued by the Santa Ana RWQCB. Hazen is assiting in coordination with the RWQCB to meet the CAO requirements and with DDW for approval of proposed facilities, as well as in supporting grant administration for over \$26 million in state and federal grants, including \$11.2 million from Proposition 1 grant funding.



#### Monte Vista Water District Plant 30 Treatment for 1,2,3-TCP, Nitrate, and Perchlorate, Montclair, CA

Provided Division of Drinking Water permitting services and preparation of Operations Maintenance and Monitoring Plan to Monte Vista Water District (MVWD) for the design and construction of a 5.8 MGD water treatment facility (expandable to 8.7 MGD) for the removal of 1,2,3-TCP, nitrate, and perchlorate from the District's groundwater supply. The project includes raw water pipelines to convey multiple wells to the site, GAC+IX treatment facilities, and a waste brine pipeline all within a small site footprint. Hazen's engineering services include preparation of Basis of Design Report (BODR), field investigations, detailed design, CEQA, permitting, bidding services, and engineering services during construction.

#### Well 2A 1,2,3-TCP Treatment Project, Western Heights Water Company, Yucaipa, CA

Project Manager for engineering design services for WHWC for design of the Well 2A 1,2,3-TCP Treatment Project. The project will provide the capacity to treat Well 2A and Well 11 (future) with a GAC treatment system capacity of 1,900 gpm. The proposed treatment process includes two cartridge filters, 3 trains of lead-lag GAC adsorption contactors, and one chlorine dosing system. The project also includes vendor coordination for pre-procurement of the GAC system, design of waste holding tank and discharge facilities. Hazen is processing the amended Water System Permit with DDW, including coordination and submittal of BOD, Startup Plan, and OMMP for approval.

#### Phase 3 Expansion Project, Chino Basin Desalter Authority (CDA), Chino, CA

Serving as Assistant Program Manager for the Chino Basin Desalter Authority (CDA) for their Phase 3 Expansion Project. Once completed, the Phase 3 Expansion will increase production capacity of the CDA's groundwater desalter Facilities to over 35,000 acre-ft per year of potable water capacity. The project includes construction of new groundwater wells, pipelines, treatment facility to recover desalter concentrate (i.e. concentrate reduction facility), product water pump station expansion and new product water pump stations. Assisted the Authority in the processing of Domestic Water Supply Permit Amendments with DDW for the addition of wells and treatment facilities, the processing of the Inland Empire Brine Line permit modification with SAWPA for addition of the CRF facility, and ongoing support to CDA for Grant Administration for local, state, and federal grants for the project.

# Chino I Desalter Expansion and Chino II Desalter Projects, Chino Basin Desalter Authority (CDA), Inland Empire, CA

Project Engineer for the Chino Basin Desalter Authority's (CDA) Chino I Desalter Expansion and Chino II Desalter projects. The project included expansion of an the existing Chino I MGD reverse-osmosis treatment plant to a 14 MGD plant by adding ion exchange treatment for nitrate removal and VOC treatment for removal of TCE. Other plant improvements included the upgrading of the existing disinfection system to 0.8 -percent solution sodium hypochlorite generated on site, expansion of the on-site product water pump station, and other miscellaneous upgrades to improve plant performance. The project included new wells and new product water distribution facilities; as well as, design of a new 10 MGD Chino II Desalter. This treatment plant was designed to target TDS and nitrate removal and using reverse-osmosis and ion exchange in parallel. The project included eight new groundwater wells; approximately 30,000 linear feet of raw water pipeline, 16 inches to 36 inches in diameter; approximately 24,000 linear feet of product water pipeline, 12 inches to 42 inches in diameter; and a new booster pump station with 3,000 gpm capacity.



**Role** Wells & Pump Hydraulics

#### Education

B.S., Civil Engineering/Water Resources, University of California, Irvine, 1994

#### **Certification/License**

Professional Engineer: CA, #C59966

Transportation Worker Identification Credential (TWIC), California

#### Areas of Expertise

- Pump station design
- In-depth evaluation of system requirements for proposed new facilities as well as for rehabilitation, upgrade, or replacement of existing pump stations
- Pipeline Design
- Trenchless Pipeline Rehabilitation and Installation
- Planning and design of major water and wastewater facilities

#### **Professional Activities**

North American Society for Trenchless Technology, Member

Hydraulic Institute - Effective Pump Intake Design and Troubleshooting Problem Intakes

AWWA

Steel Tank Institute – AWWA D100 Water Storage Tank Seminar

# Steven Conner, PE

## **Senior Associate**

Mr. Conner is a professional civil engineer with 24 years of experience in the planning and design of water infrastructure including pump stations. Mr. Conner has particular expertise in pump station design and has managed or served in a key technical role on projects ranging in size up to 600 mgd capacity. This includes in-depth evaluation of system requirements for proposed new facilities as well as rehabilitation, upgrade, or replacement of existing pumping systems.

#### City of Chino - State Street Water Treatment Plant, Chino, CA

Task Lead. Responsible for well equipping of Wells 12 and 14 as part of the State Street Water Treatment Plant. The wells are each designed to produce approximately 2,000 gallons per minute that will be treated by the treatment plant. Design services included a motor control center, a variable-frequency drive for the well pumps, shade structure, sound walls, and a pump to waste system.

#### City of Chino - Well 17 Equipping Project, Chino, CA

Project Manager. Responsible for preparing preliminary design report, site layout design, and well equipping for Well 17 located at the Eastside Water Treatment Plant. The well is designed to produce approximately 1,400 gallons per minute that will be treated by the treatment plant. Design services included a motor control center, a variable-frequency drive for the well pump, building with separate electrical room, interior and exterior lighting, integration with the plant's switchboard and back-up generator, and a pump to waste system.

#### 1,2,3-TCP Treatment Design, Chino Basin Desalter Authority, CA

Dr. Blute is a Technical Advisor and Permitting Lead for the Chino Desalter Authority (CDA) evaluation and design for 1,2,3-TCP treatment at the Chino I Desalter using GAC. Analysis included evaluation of treatment options for potential constituents of concerns that may need future treatment, including PFAS and 1,4-dioxane. Permitting included coordination with DDW for compliance with 97-005 analysis and reporting related to extremely impaired water sources.

# La Brea Subarea Groundwater Supply Project – Wells, Transmission Main, And Treatment Facilities, City of Beverly Hills, CA

Mr. Conner is the Design Lead for the City of Beverly Hills La Brea Subarea Groundwater Supply Project. This is a \$50 M project the City is implementing to expand their local water supply by developing groundwater in the La Brea Subarea of the Central Groundwater Basin. The project includes three (3) groundwater wells to be drilled and equipped, 4-miles of raw water transmission main through the City of Los Angeles and Beverly Hills, and upgrade of the City's existing reverse osmosis treatment plant. The first phase of the project which Hazen is leading is the drilling and equipping of the first groundwater well, and construction of the 4-mile transmission main.

#### Eastside Facility Expansion, Chino CA

QA/QC. Hazen designed a 3,500 gpm treatment expansion for the City of Chino at the Eastside Facility. Treatment included GAC for 1,2,3-TCP and ion exchange for nitrate. The design included treatment of three wells, with potential for a fourth, pipelines, buildings and control systems. This design required careful integration of the new equipment with existing treatment on site.

#### Ridgeline Booster Pump Station, Trabuco Canyon Water District, Lake Forest, CA

Pump Station Design Lead. The Ridgeline Booster Pump Station (RBPS) is a critical facility within Trabuco Canyon Water District's system. The RBPS is the primary means of delivering water from Dimension Water Treatment Plant (DWTP) to the Harris Grade pressure zone and tanks. The project includes preliminary design, final design, and construction support services for the RBPS Project. The project includes complete replacement of the pumps, piping, valving, pump station site improvements, security, and electrical and controls, and additionally, a building analysis and associated structural and architectural upgrades to accommodate the mechanical and electrical improvements at the site.

#### Plant 30 Wellhead Treatment Design, Montclair, CA

Well pump analysis, QA/QC, and construction support for the planning, design, and construction of a 4,000 gpm wellhead treatment system for Monte Vista Water District. Treatment includes GAC for 1,2,3-TCP and regenerable ion exchange for nitrate and perchlorate. The design includes site civil design and treatment of three wells and off-site pipelines from two wells to the third well site.

#### Sterling Pump Station, Riverside, CA

Project Manager. Mr. Conner was responsible for developing preliminary design alternatives, plans, specifications, and cost estimates for the construction of a new water pump station to deliver flow from the Arlington Desalter to two separate pressure zones in Western Municipal Water District's distribution system. Preliminary engineering studies included: comprehensive hydraulic analyses of the supply and distribution systems, evaluation of pump station operations, life-cycle cost analyses for alternative configurations of pumps, primary power (natural gas engines verses electric motors), and backup power. The final design included a 1.1 MG partially buried prestressed concrete forebay; a pump station building housing six 700 hp electric motor driven pumps, two 700 hp natural gas engine driven pumps, and motor control center; a surge tank; a chemical building for storage and feeding of sodium hypochlorite and ammonium sulfate; and a diesel driven backup generator to power one electric motor. The pump station is designed for an ultimate capacity of 30 cfs at 450 psi discharge pressure.



Role Pipeline/Hydraulic Modeling

#### Education

B.S., Civil Engineering, California State Polytechnic University, San Luis Obispo, 2004

#### **Certification/License**

Professional Engineer: CA, #71482

#### Areas of Expertise

- Pump Stations
- Civil Design
- Pipelines
- Hydraulic Modeling
- Master Plans
- Reservoirs

#### **Professional Activities**

CA-NV AWWA OCWA ASCE





# Tori Yokoyama, PE Senior Associate

Mr. Yokoyama is experienced in project management and design of water and other pressure pipelines in City streets. His background includes both the design of new facilities, as well as rehabilitation of aging existing facilities. Mr. Yokoyama is a detailed, handson engineer that understands how to efficiently move a project forward from start to finish. His most recent experience includes managing the successful design and construction of a 20,000 LF raw water transmission main (14" to 18" dia) in La Cienega Boulevard through the Cities of Los Angeles and Beverly Hills, CA.

#### State Street Water Treatment Facility, City of Chino, CA

City of Chino's Wells 12 and 14 have been inactive for some time due to being impacted from contamination. Restoring their utilization provides a key local water resource to support the City's growing population and water demand. The use of treated groundwater is preferred to reduce reliance on purchased imported surface water. The State Street Water Treatment Facility (State Street WTF) is a new, centralized treatment project that treats Wells 12 and 14 for nitrate, perchlorate, and 1,2,3-trichloropropane. These contaminants have been detected at concentrations above the Maximum Contaminant Levels set by the State of California Water Resources Control Board Division of Drinking Water. The State Street WTF consists of granular activated carbon for removal of 1,2,3-TCP, regenerable ion exchange for the removal of nitrate and perchlorate, and chlorine gas for disinfection. Off-site facilities include 7000 LF of 16" raw water pipeline, and 5000 LF of brine waste gravity mains.

#### Chino I Desalter VOC Treatment, Chino Basin Desalter Authority, CA

Civil Design Lead. The project includes preliminary and final design of two (2) GAC treatment facilities (1.7 mgd and 3.4 mgd) at the Chino I Desalter Plant for the removal of TCE and 1,2,3-TCP, and evaluation of treatment requirements for 1,4-dioxanr, cis-1,2-DCE, 1,2-CDA, PFOA, and PFOS. The goal of this project is to provide groundwater treatment for all CDA bypass wells (CDA Wells I-1 through I-4), and several treated wells (CDA I-16 through 18), plus 10 new wells that will be installed by the County of San Bernardino as part of a Cleanup and Abatement Order issued by the Santa Ana Regional Water Quality Control Board (SARWQCB).

#### Rubidoux Community Services District PFAS Treatment Plant, Riverside, CA

Project Manager and Civil Design Lead. Due to the proximity to a landfill, the California WaterBoards Division of Drinking Water (DDW) ordered Rubidoux Community Service District (RCSD) to conduct PFAS sampling of groundwater wells. Results from sampling found concentrations above the Notification Level (NL) but below the (former) Response Level in all of the wells. As a result of this finding, RCSD had one year to install treatment or notify customers of the presence of PFAS in their water. Mr. Yokoyama was Project Manager for the Basis of Design, Final Design, Construction Support and Operations. The treatment plant is now fully operational and treating the groundwater to non-detect levels of PFAS.

# La Brea Subarea Groundwater Supply Project – Wells, Transmission Main, and Treatment Facilities, City of Beverly Hills, CA

Mr. Yokoyama is the Project Manager for the City of Beverly Hills La Brea Subarea Groundwater Supply Project. This is a \$50 M project the City is implementing to expand their local water supply by developing groundwater in the La Brea Subarea of the Central Groundwater Basin. The project includes three (3) groundwater wells to be drilled and equipped, 4-miles of raw water transmission main through the City of Los Angeles and Beverly Hills, and upgrade of the City's existing reverse osmosis treatment plant. The first phase of the project which Hazen is leading is the drilling and equipping of the first groundwater well, and construction of the 4-mile transmission main.

#### Water Quality Evaluation Study, Jurupa Community Services District, Jurupa Valley, CA

QC. Hazen evaluated design alternatives to address a range of water quality constituents, including TDS, nitrate, PFAS, VOCs, 1,2,3-TCP, 1,1-DCE, and perchlorate. This study included the development of short-term options to mitigate service risks resulting from out of service wells, as well as long-term design alternatives to address regulated contaminants, while allowing flexibility to comply with potential future regulations.

# Twin Oaks Valley Water Treatment Plant Operational Reliability Evaluation, San Diego County Water Authority, CA

Hazen team's evaluation of the Twin Oaks Valley Water Treatment Plant (TOVWTP) operational reliability. The assessment evaluated the operations of the TOVWTP submerged membrane facility including fouling and other sources of decreased reliability, potential improvements for ozone disinfection to increase reliability and mitigate continuous monitoring requirements, and options to increase disinfection reliability by obtaining additional disinfection credits in the chemical mix chamber, and strategies to reduce capacity during low demand periods.

#### City of Chino, Eastside Water Treatment Facility Expansion, Chino, CA

Civil Design Lead. Responsible for site civil and hydraulics for the Eastside Water Treatment Facility Expansion. The project involves retrofitting the existing treatment equipment and building to accommodate an expanded capacity from 3,500 to 7,000 gpm. The treatment process consists of GAC for removal of 1,2,3-trichloropropane (1,2,3-TCP), regenerable ion exchange (IX) for the removal of nitrate and perchlorate, and chlorine gas for disinfection. The project also includes pipelines to convey new source water from two additional wells and a brine line that eliminates the need to store and haul waste brine offsite for disposal.



#### **Role** Assistant Engineer

#### Education

BS, Civil Engineering, University of Southern California, Los Angeles, CA, 2019

#### Areas of Expertise

- Civil and mechanical design (AutoCAD, Revit, Civil 3D)
- Data management and technical support
- Facility planning and design

# Alejandro Quiroz, EIT Assistant Engineer

Mr. Quiroz is an Assistant Engineer in Hazen's Los Angeles office. He brings pipeline and Groundwater Treatment design experience with a foundation in Civil and Environmental Engineering.

He has experience in sizing and evaluating different pretreatment, GAC and IX treatment, and chemical treatment technologies for more than 8 groundwater treatment for sources containing PFAS and/or TCP- 1,2,3. Mr. Quiroz is experienced in AutoCAD and Revit management and development of civil and mechanical plans, profile and details.

#### PFAS Analysis and Conceptual Plans, City of Paramount, CA

Project Assistant Engineer. Hazen was tasked with evaluating available water quality for City of Paramount's Wells 14 and Well 16, and identifying available PFAS treatment options including building conceptual layouts and summarizing results in a tech memo. Analysis of the water quality further identified a need for 1,4-dioxane treatment of Well 14 water which was also incorporated as part of the conceptual layouts. Mr. Quiroz was responsible for sizing treatment equipment and developing the conceptual layouts of the well treatment at the space limited well sites.

#### Chino 1 Desalters VOC Treatment, Chino Basin Desalter Authority, CA

Project Assistant Engineer. The project included preliminary and final design of two (2) GAC facilities (1.7 MGD and 3.4 MGD) at the Chino I Desalter Plant for removal of TCE and 1,2,3-TCP, and evaluation of treatment requirements for 1,4-dioxane, cis-1,2-DCE, 1,2-CDA,PFOA, and PFOS to treat 17 wells. Mr. Quiroz was responsible for layout and process mechanical design of the two GAC treatment facilities. The 1.7 MGD facility included four (4) 10-ft GAC vessels, two (2) cartridge filters, two (2) bag filters and sulfuric acid chemical feed and storage area. The 3.4 MGD facility included six (6) 12-gt GAC vessels, and three (3) cartridge filters.

#### Whittier PFAS Treatment Support, Suburban Water System, Covina, CA

Project Assistant Engineer. Suburban Water System's Whittier and La Mirada Systems required engineering design services to remove PFAS compounds from 5 drinking water wells, comprising of 10,600 gpm. Hazen led the preliminary design and treatment approach evaluation for treatment, and sharing process mechanical design efforts with the prime consultant for Ion Exchange PFAS treatment and pretreatment. Mr. Quiroz was responsible of preliminary analysis of a centralized versus decentralized pre-treatment system with sand separators and cartridge filters including developing conceptual layouts, and assisting in design of a centralized pretreatment system during full design of the treatment plant.



### U, T, and Saugus Wells Groundwater Treatment and Disinfection Facility Preliminary Design, Santa Clarita Valley Water Agency, CA

Project Assistant Engineer. Responsible for developing conceptual site layouts options for PFAS treatment with Ion Exchange technology, VOC treatment with GAC technology, pretreatment with cartridge filters, and a disinfection facility for 10.9 MGD. Hazen was tasked with developing the conceptual design for this facility on a space restricted area containing a well, a booster station, existing perchlorate treatment, and two transmission mains over 100" in diameter. Additionally, in depth of analysis of existing sewer and storm drain connections were necessary to determine feasible connections for GAC backwash waste and a source for blending with the GAC backwash waste high in chloride.

# Santa Clara and Honby Wells PFAS Groundwater Treatment Improvements, Santa Clarita Valley Water Agency, CA

Project Assistant Engineer for preliminary and final design of the Ion Exchange (IX) treatment system (3.5 MGD) for removal of PFOS/PFOA from Santa Clara and Honby Wells. Project included developing treatment layout options at a centralized site for both wells including four IX vessels, pretreatment with cartridge filters, and a chemical storage and feed facility as well as design of raw water transmission main for Honby Well located off-site . Mr. Quiroz lead the design of the alternative conceptual layout options during preliminary design and assisted with process mechanical detailed design of IX treatment and chemical system during final design.

#### E-Wells PFAS Groundwater Treatment Preliminary Design, Santa Clarita Valley Water Agency, CA

Project Assistant Engineer. Responsible for developing conceptual site layouts options for PFAS treatment with Ion Exchange technology, pretreatment with cartridge filters, a disinfection facility at four well sites and at two centralized treatment sites including conceptual design of collection and distribution transmission mains. The E-wells have a combined capacity of approximately 7 MGD and are in space restricted sites. The centralized treatment locations included space planning for a potential booster station.

#### Rubidoux Community Services District PFAS Treatment Design, Riverside, CA

Project Assistant Engineer for Basis. Provided civil design support for new yard pipe routing while protecting existing yard piping and facilities. Provided process mechanical design support for design of a 7 MGD PFAS treatment plant with six Ion Exchange (IX) vessels, cartridge filters, and chemical storage and feed equipment as well as performing chemical demand calculations for sizing of chemical storage tank and chemical metering pumps. Managed civil and mechanical discipline work for development of construction design drawings. The treatment plan is now fully operational and treating the groundwater to non-detect levels of PFAS.

#### Water Infrastructure Improvement Projects-Cycle 1, City of Manhattan Beach, Manhattan Beach, CA

Project engineer for the design of approximately 8,500 ft of 6" and 8" DI pipeline distributed among 7 different sites in the city of Manhattan Beach to replace old domestic water distribution pipelines. Design efforts included consideration of protection of existing underground and above ground utilities, compliance with Department of Drinking Water's (DDW) utility separation requirements, construction in narrow roads, and proper restraint of the new pipeline. Developed bid design drawings, coordinated with existing utility's owners, and developed separation waivers for locations were DDW's separation requirements could not be met due to site constraints.



#### RICHARD C. SLADE, PRESIDENT & PRINCIPAL GROUNDWATER GEOLOGIST

#### **Professional Experience**

Major fields of hydrogeologic emphasis for Mr. Slade include groundwater resource development (basin-wide studies, and water well design and construction), and aquifer analysis. Principal projects have involved, evaluations of entire groundwater basins, aquifer test analyses, assessment of water quality problems and groundwater degradation, design of water wells for municipal supply, well rehabilitation assessments, monitoring of all phases of water well construction, locating and designing groundwater monitoring networks, and providing expert witness testimony for groundwater litigation. Considerable work has also been performed for numerous vineyards and wineries in both the Central Coast and Northern California regions; types of work have included feasibility studies for determining final locations for new wells, designing new wells, monitoring of the construction of new wells, working with drilling contractors, evaluating down-hole problems (such as sanding) in existing wells, and developing protocol for water well rehabilitation.

Hydrogeologic studies have also involved evaluation of hazardous wastes such as acid mine drainage, leachate from sanitary landfills, and groundwater degradation resulting from leaking underground storage tanks containing various chemicals and organic compounds. Numerous groundwater studies and monitoring projects have involved volatile organics (TCE, PCE, etc.) and subsurface gasoline spills. Hydrogeologic assessments and definition of appropriate

### Highlights

#### Education

- University of California, Los Angeles, B.A., Geology, January 1966
- University of Southern California, M.S., Engineering Geology, 1974

#### **Registrations/Certifications**

- Professional Geologist, California (No. 2998)
- Certified Engineering Geologist, California (No. 929)

mitigation measures for environmental impact analyses have been provided also. Important to Mr. Slade's broad background is the experience gained while being a participant with other geologists on international geologic study tours to Europe, Iceland and Scandinavia, the former Soviet Union, South America, the People's Republic of China, Africa, New Zealand and Australia. Local groundwater and surface water features, large faults and landslides, mines, and oilfields were visited in these countries.

In December 2008, based on the recommendation of the Administrative Committee (the water managers for the cities of Burbank, Glendale, Los Angeles and San Fernando, and the Crescenta Valley Water District), the Superior Court of Los Angeles County selected Mr. Slade as the new Watermaster for the entire Upper Los Angeles River Area (ULARA). Mr. Slade represents only the third Watermaster of ULARA since the date of the original adjudication of the region in January 1979.

#### **Representative Project Experience**

# Various Hydrogeological services Including Well Feasibility, Siting, and Design, Santa Clarita Valley Water Agency (SCVWA) and Predecessor Agencies, Los Angeles County, CA, 1986 to 2022 (ongoing)

Starting in 1986, RCS commenced hydrogeological services, including a complete evaluation of the hydrogeology and groundwater resources of the entire Santa Clara River Valley Groundwater Basin; an initial perennial yield study was also performed. This work culminated in an extensive document describing in detail the hydrogeologic conditions of the basin. This original work involved providing a detailed conceptual model of subsurface hydrogeologic conditions in the groundwater basin, and extensively documented the: locations of known water wells; definition of groundwater flow directions and current water quality; identifying the base of fresh water; calculating groundwater in storage; defining aquifer parameters; evaluating water levels vs trends in historic rainfall; and preparing several cross sections using detailed correlations of E-logs from several water wells and numerous oil wells. A perennial yield study (now termed sustainable yield) was also performed to determine the future availability of groundwater supplies for the local water agencies. Following the initial hydrogeologic characterization of the groundwater basins, RCS has performed numerous well siting, construction, destruction, and rehabilitation project within the Santa Clarita Valley.

Currently, RCS is in the initial design stages (feasibility assessment) of two deep (~3,000-foot) water-supply wells, in which our services will consist of a preliminary design report, preparation of technical specifications, monitoring the drilling activities, providing the final designs, and conduction construction monitoring and aquifer testing of these two deep wells. The anticipated date of completion for the project is in 2021. Mr. Slade is the Technical Advisor for the Santa Clarita Valley effort.

#### <u>Municipal Supply well and Injection Well Construction and Testing Project, City of Santa Monica, Los Angeles County, 2016 through</u> 2022 (ongoing)

In the past few years, the City of Santa Monica developed a stated goal of achieving self-sufficiency from imported water supplies by 2020. To help achieve this goal, the City retained RCS with an on-call services contract to begin the process of developing an aggressive well site evaluation and well construction program. Exploratory boreholes and five water-supply wells have been constructed to date. This multi-well construction project was completed to strategically augment groundwater resources in the City of Santa Monica. The project well site locations and sizes posed several logistical and hydrogeologic challenges to well design and construction. Specifically, the SM-8 well site was located in a road median. A well-choreographed



mobilization and demobilization recommended by RCS was successful. Moreover, Well SM-8 was constructed in the Olympic Well Field, an area hosting shallow groundwater impacted by chlorinated solvents. RCS successfully designed and hydraulically tested Well SM-8 to limit capture of impacted groundwater. RCS prepared technical specifications for the drilling construction and testing of one municipal-supply water production well (Well SM-9) and one injection well (Well SM-10i); both locations were evaluated as part of the initial work. RCS has provided field geologic services, well design services, and extraction and injection testing services for the two wells. Currently, RCS is supporting the City in regard to drilling an exploratory borehole at an available City property to determine the feasibility of construction an injection well at the location. Mr. Slade is the Technical Advisor for all Santa Monica related projects.

#### Well No. 10 Construction, City of Signal Hill, Los Angeles County, 2022

Well No. 10 is a city funded municipal well construction project to secure and augment groundwater sources in the City of Signal Hill. The project well site location posed several well design and construction challenges. RCS proposed and executed a specific construction plan to mitigate equipment clearance and space issues. Through detailed hydrologic analysis and customized well development, a pumping capacity of approximately 2,500 to 3,000 gpm was achieved, exceeding the desired pumping capacity of 1,100 gpm. Mr. Slade was the Technical Advisor for this project.

#### Well No. 22, City of Vernon, Los Angeles County, 2022

Well No. 22 was a city and grant funded municipal well construction project to secure and augment groundwater sources in the City of Vernon. The project well site location posed several well design and construction challenges. RCS proposed and executed a specific construction plan to mitigate equipment clearance and space issues. Due to the well site location being within an industrial area, a 500-foot conductor casing was required to provide sufficient wellhead protection. Through detailed hydrologic analysis and customized well development, a resulting pumping capacity of 2,500 gpm was achieved, exceeding the desired pumping capacity of 1,500 gpm. Mr. Slade was the Technical Advisor for this project.

#### Well No. 15, City of Paramount, Los Angeles County, 2009

RCS helped to design, construct, and test the City's Well No. 15. In October 2007, RCS prepared a "Well Site Evaluation and Preliminary Design Report (PDR)" for the City. This report included a hydrogeologic assessment of subsurface site conditions to select which of the two City-chosen well sites were more suitable, both logistically and hydrogeologically for the proposed new well. Therein, RCS evaluated the hydrogeologic feasibility of two alternative well sites selected by the City. For the site selected by RCS, preliminary design of the proposed new well was also provided. Following the PDR work, RCS provided Technical Specifications, Bid Sheets, and an estimate of probable construction costs for Well 15. Ultimately, RCS provided hydrogeology services during the drilling, construction and testing of Well No. 15 in early 2009. RCS recommended a maximum operational rate for Well No. 15 of 3000 gpm at that time. Mr. Slade was the Technical Advisor for this project.

#### Experience History

**<u>RICHARD C. SLADE & ASSOCIATES LLC, CONSULTING GROUNDWATER GEOLOGISTS.</u> Independent consulting practice established in 1983 to provide technical, professional, and direct personal services to the groundwater industry. Hydrogeologic projects have included groundwater resource development; locating and designing water wells; assessing potential degradation resulting from hazardous waste sites and sanitary landfills;</u> conducting water level and water quality monitoring from monitoring networks; defining aquifer characteristics from long-term aquifer tests in active wells; observation and monitoring of water well construction; providing expert witness testimony for a variety of groundwater cases; and providing hydrogeologic elements and mitigation measures for environmental assessments.</u>** 

<u>GEOTECHNICAL CONSULTANTS, INC.</u>, 1970-1983. Joined the firm in 1970 as an engineering geologist and hydrogeologist. Advanced to Associate in 1975. Participated in and supervised geotechnical and hydrogeologic projects of various complexities, from the feasibility level through final design. His investigation and reports have analyzed faults and seismicity, earth materials, and groundwater problems for such facilities as dams, reservoirs, treatment plants, tunnels, industrial and residential buildings, sanitary landfills and groundwater basins. Major experience has involved field mapping, logging of bore holes, monitoring of groundwater observation holes, data analyses, and report writing.

Since 1972, Mr. Slade was the responsible hydrogeologist for several major groundwater basin projects including locating and designing of new wells and well redevelopments, calculations of groundwater in storage, determination of aquifer parameters, and evaluation of dewatering criteria. Several studies utilized emplacement of deep exploratory drill holes, analyses of geologic and geophysical data, and monitoring and analyses of groundwater levels, quality and pollution, and assessment of leachate and gases at existing landfills.

In addition, he conducted and supervised groundwater pollution studies and evaluation of several active and proposed sanitary landfill sites; he has supervised geologic and hydrogeologic studies for the evaluation and abatement of acid mine drainage from a large, inactive sulfur mine; and he has participated in assessing groundwater, geologic, and geotechnical parameters which affect sewer infiltration and inflow.

<u>METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA</u>, Los Angeles, 1967-1970. Performed hydrologic and hydrogeologic studies along pipeline and tunnel routes for State Water Project, conducted field mapping and exploration along tunnel routes, conducted and supervised aquifer tests for calculations of dewatering parameters for tunnel routes and dam sites. Served as Resident Geologist in charge of tunnel mapping and tunnel conditions for the Newhall and Castaic tunnels, excavated by tunnel boring machines.



#### ANTHONY HICKE, PRINCIPAL GROUNDWATER GEOLOGIST

#### **Professional Experience**

Major areas of groundwater work for Mr. Hicke while an employee at Richard C. Slade & Associates, LLC, include project management for numerous groundwater development projects, including well construction projects, groundwater basin evaluations, creation of hydrogeologic conceptual models, and aquifer testing studies throughout California. In addition, Mr. Hicke serves as the lead geologist during the creation, management and utilization of large electronic databases of subsurface geologic data for use in preparing Hydrogeologic Evaluations of California Groundwater basins, and calculation of estimates of underflow and groundwater in storage for those basins. Mr. Hicke is also project manager overseeing preparation of groundwater availability studies for various agricultural clients, as well as the preparation of technical documents intended to support the creation of Environmental Impact Reports (EIRs). Mr. Hicke has many years' experience using the MapInfo GIS software package to create maps from these data sets, for use in the Hydrogeologic Evaluations. Mr. Hicke also provides technical and administrative oversight during well construction and aquifer testing projects. Since Mr. Richard Slade's appointment as the Upper Los Angeles River Area Watermaster in December 2008, Mr. Hicke has performed the duties of the Assistant ULARA Watermaster. Mr. Hicke helps to collect and analyze data for the various annual reports and review documents prepared by the Watermaster.

## Highlights

#### **Education**

 University of California, Los Angeles, B.S., Geology (Engineering Geology), 2000

#### **Registrations/Certifications**

- Professional Geologist, California (No. 7886)
- Certified Hydrogeologist Geologist, California (No. 858)

#### Representative Project Experience

#### Well Feasibility and Well Construction, City of Beverly Hills, Los Angeles County, CA, 2022

RCS is currently working with the City of Beverly Hills via multiple contracts and subcontracts with Engineering firms, including Hazen, to develop groundwater resources in the La Brea Subarea of the Central Basin. The City of Beverly Hills Historically pumped groundwater from properties outside of their City limits within the La Brea Subarea, but abandoned those groundwater production facilities in the late 1970s. RCS teamed with an Engineering firm beginning in 2017 to develop a Preliminary Design Report for the City's desired reactivation of groundwater resource facilities in the La Brea Subarea. For that effort, RCS was tasked with evaluating the groundwater production potential (with respect to quantity and quality) of six candidate sites within in the La Brea Subarea.

RCS designed and provided hydrogeologic services and field oversight for one of those candidate well locations. First, a new nested monitoring well was constructed as part of the evaluation work. Then in 2021 RCS completed the construction of the first new municipal supply well constructed in the La Brea Subarea since the 1970s (La Cienega Well No. 1). Currently, a second nested monitoring well is being constructed at another La Brea Subarea site as part of the development and permitting of further municipal supply wells. Construction of the well was completed in late-2020. Testing showed that the well met water production and water quality goals, with a recommended operational pumping rate of 500 gpm. RCS Previously designed and observed the construction and testing of a nested monitoring well at the same project site. Data from that monitoring well were used to discussed

Currently, RCS is providing hydrogeologic well design and field services associated with the construction of a triple-nested monitoring wells at the City's Sand Pit site property. RCS designed the well to monitor key aquifers beneath the property for the purposes of monitoring water quality changes (if any) over time. Data collected from the monitoring well will be used determine the feasibility of construction a new municipal -supply water well at the site. RCS expects completion of the monitoring well and initial quality samples to be collected in late-March 2022. Mr. Anthony Hicke is the project manager for the current City of Beverly Hills projects.

#### Indio Water Authority (IWA) Well Siting Study, City of Indio, Riverside County, CA, 2021

For this project, RCS evaluated more than ten properties owned or accessible to IWA throughout the IWA service area that could be used as a new well site. RCS reviewed and summarized the hydrogeologic conditions throughout the IWA service area to identify the "hydrogeologically desirable" areas of the basing with respect to water quality and quantity. Each potential site was then evaluated for a number of factors including: potential well production rate; water quality impairments; distance to distribution infrastructure, construction suitability, permitting feasibility, among others. Working closely with IWA staff, RCS developed a ranking matrix to score each property so that the properties could be compared and ranked. RCS also included key design parameters for a future well at the selected site, as well as an approximate estimate of construction costs for the well for budgetary planning purposes. Mr. Hicke was the project manager for this study.

#### Well Nos. 12 & 14, Mesa Water District, Orange County, CA, 2021

Well Nos. 12 and 14 were a district funded municipal well construction project to secure and augment groundwater sources for 24,000 accounts within an 18 square mile area, which includes the City of Costa Mesa, parts of Newport Beach, and unincorporated areas of Orange County. The project posed complex well design challenges to meet complex water quality and production needs. RCS proposed and executed a specific approach testing methodology and well design to mitigate most of the undesirable water quality while ensuring the two new wells exceeded the district's original



production needs. Through detailed hydrologic analysis and customized well development, a resulting pumping capacity of 4,000 gpm and 4,300 gpm were achieved, exceeding the original desired pumping capacity of 3,500 gpm for each new well. Mr. Hicke was a Technical Advisor during the well construction project.

#### <u>Hydrogeologic Conceptual model of the Santa Clara River Valley East Groundwater Basin, Santa Clarita Valley Water Agency</u> (SCVWA), Los Angeles County, CA, 2020-2022

RCS recently completed documentation of the hydrogeologic conceptual model (HCM) of the Santa Clara River Valley East Groundwater Basin in support of the of the Groundwater Sustainability Plan for the groundwater basin. This work was in conjunction with a number of other consultants, as part of an overall team effort working toward Sustainable Groundwater Management Act (SGMA) compliance. RCS was responsible for the creation of the HCM chapter of the GSP, which included hydrogeologic interpretation, cross section creation, and interpretation of hydrogeologic processes. Mr. Hicke was the project manager for this effort, and provided a public presentation to summarize the results of the work.

#### <u>Conceptual Groundwater Basin Model and Assessment of Available Groundwater Supplies, Santa Monica Groundwater Basin, The</u> <u>City of Santa Monica, Los Angeles County, CA, 2011 to 2013</u>

The initial RCS project involved providing a detailed hydrogeologic conceptual model of subsurface hydrogeologic conditions in each groundwater subbasin, including: locations of known water wells; definition of groundwater flow directions and current water quality; identifying the base of fresh water; calculating groundwater in storage; defining aquifer parameters; evaluating water levels vs trends in historic rainfall; and preparing several cross sections using detailed correlations of E-logs from several water wells and numerous oil wells. Preliminary locations and drilling depths for new City wells were also identified. A sustainable yield study was also performed to determine the future availability of groundwater supplies for the City. Additional work included preparation of Technical Specifications and Line Item Bid Sheets for a new City well. RCS geologists were present in the field to: log the drill cuttings; evaluate the new E-logs; conduct isolated aquifer zone testing; prepare the Final design of the well for the City; and monitor well construction development and testing of the new well. Mr. Hicke was a Senior Geologist for this project and provided services related to data interpretation and report writing for this effort.

#### **Experience History**

<u>RICHARD C. SLADE & ASSOCIATES LLC, CONSULTING GROUNDWATER GEOLOGISTS</u>, October 2001 to present. Duties include: project management and technical analysis for the creation of a hydrogeologic conceptual model for a southern California coastal groundwater basin; estimation and calculation of various hydrogeologic aspects of groundwater basins to support the creation of groundwater budgets, including groundwater in storage, and inflow/outflow of groundwater; management during multi-well design and construction projects in the Central Valley and High Desert areas of California; field monitoring of all elements of the drilling and construction of municipal-supply and irrigation-supply water wells; providing technical and administrative oversight of well drilling, construction, development, and testing activities on production well and monitoring well projects; geologic logging of numerous boreholes in the High Desert areas of southern California, including the pilot boreholes for both production and monitoring wells; field monitoring of water quality and water level data during construction and testing of new water wells; planning and administration of long term aquifer tests, including the utilization of pressure transducers in a variety of hydrogeologic settings; preparation of hydrogeologic feasibility reports for sites throughout California; computer analyses of data and considerable computer work on map and data presentation using a Geographic Information System (GIS). Other significant responsibilities include: collection and analyses of basic groundwater data; computerized analyses of data; computerized mapping and graphics work; and troubleshooting problems with computers and/or with field water level/water quality monitoring equipment.

**RALPH STONE AND COMPANY, INC., April 2000 to October 2001.** Employment position was as a Staff Geologist with responsibilities that included organization of site investigations, geologic logging of boreholes, data collection, preparing maps and cross sections, and lab testing of soil. Prior work includes numerous seismic hazard (seismically induced landslide and liquefaction) analyses for homes in the Santa Monica Mountains, as well as the cities of Los Angeles, Beverly Hills, Culver City, Malibu, and Santa Monica.



# Appendix B Signed Addenda



BRENDA OLMOS Mayor

VILMA CUELLAR STALLINGS Vice Mayor

> ISABEL AGUAYO Councilmember

LAURIE GUILLEN Councilmember

PEGGY LEMONS Councilmember

## SITE INVESTIGATION REPORT P VERMONT AVENUE RESERVOIR, TREATMENT PLANT AND WELL

### ADDENDUM NO 1

February 17, 2022

## NOTICE TO ALL POTENTIAL RESPONDENTS

The Request for Proposals (RFP) is modified as set forth in this Addendum. The original RFP document remain in full force and effect, except as modified by this Addendum, which is hereby made part of the RFP. Respondents shall take this Addendum into consideration when preparing and submitting its Proposal.

## MANDATORY PRE-SUBMISSION MEETING

The mandatory pre-submission meeting has been changed as noted herein, and modifies the mandatory pre-submission meeting date stated in the RFP. The new mandatory pre-submission meeting date is scheduled as follows:

Date: Thursday, February 24, 2022 Time: 2:00 PM Location: City Hall – City Council Chambers 16400 Colorado Avenue Paramount, CA 90723

## PROPOSAL SUBMITTAL DEADLINE

Acknowledged

The Proposal submittal deadline has been changed as noted herein, and modifies the deadline stated in the RFP. The new Proposal submittal deadline is <u>2:00 pm on March</u> <u>4, 2022</u>.

This Addendum No. 1 must be signed as acknowledged and submitted with your proposal.

Buido

Date 2/22/22

Dedicated to providing fiscally responsible services that maintain a vibrant community. 16400 Colorado Avenue • Paramount, CA 90723-5012 • Ph: 562-220-2000 • paramountcity.com f facebook.com/CityofParamount | instagram.com/paramount\_posts | voutube.com/CityofParamount



BRENDA OLMOS Mayor

VILMA CUELLAR STALLINGS Vice Mayor

> ISABEL AGUAYO Councilmember

LAURIE GUILLEN Councilmember

PEGGY LEMONS Councilmember

### SITE INVESTIGATION REPORT VERMONT AVENUE RESERVOIR, TREATMENT PLANT AND WELL

### ADDENDUM NO 2

February 17, 2022

### NOTICE TO ALL POTENTIAL RESPONDENTS

The Request for Proposals (RFP) is modified as set forth in this Addendum. The original RFP document and any previously issued addenda remain in full force and effect, except as modified by this Addendum, which is hereby made part of the RFP. Respondents shall take this Addendum into consideration when preparing and submitting its Proposal.

### 4.2.1 RELATED PROJECT DOCUMENTS

The following documents exists and are available for review by respondents:

- 2015 Water Master Plan
- Phase I Environmental Site Assessment

If interested in receiving a copy of these documents, please contact: Adriana Figueroa, Public Works Director via email at <u>afigueroa@paramountcity.com</u>

This Addendum No. 2 must be signed as acknowledged and submitted with your proposal.

Acknowledged

Date 2/22/22



BRENDA OLMOS Mayor VILMA CUELLAR STALLINGS Vice Mayor ISABEL AGUAYO Councilmember

> LAURIE GUILLEN Councilmember

PEGGY LEMONS Councilmember

### SITE INVESTIGATION REPORT VERMONT AVENUE RESERVOIR, TREATMENT PLANT AND WELL

## ADDENDUM NO 3

February 28, 2022

## NOTICE TO ALL POTENTIAL RESPONDENTS

The Request for Proposals (RFP) is modified as set forth in this Addendum. The original RFP document remain in full force and effect, except as modified by this Addendum, which is hereby made part of the RFP. Respondents shall take this Addendum into consideration when preparing and submitting its Proposal.

## PROPOSAL SUBMITTAL DEADLINE

The Proposal submittal deadline has been changed as noted herein, and modifies the deadline stated in the RFP. The new Proposal submittal deadline is <u>2:00 pm on March</u> <u>14, 2022.</u>

This Addendum No. 3 must be signed as acknowledged and submitted with your proposal.

Acknowledged\_

Buidge

Date 3/1/22



Hazen and Sawyer 700 Irvine Center Drive • Suite 200 • Irvine, CA 92618 APRIL 19, 2022

AUTHORIZATION TO PURCHASE

PARAMOUNT PARK AND PROGRESS BALLFIELD LIGHTS RETROFIT.

MOTION IN ORDER:

AUTHORIZE THE PURCHASE THE PURCHASE AND INSTALLATION OR RETROFIT BALLFIELD LIGHTING AT PARAMOUNT AND PROGRESS PARK FROM MUSCO LIGHTING IN THE AMOUNT OF \$540,600.50.

MOTION:	ROLL CALL VOTE:					
MOVED BY:	AYES:					
SECONDED BY:	NOES:					
[] APPROVED	ABSENT:					
[] DENIED	ABSTAIN:					


From: John Moreno, City Manager

- By: David Johnson, Community Services Director
- **Date:** April 19, 2022

# Subject: AUTHORIZATION TO PURCHASE - PARAMOUNT PARK AND PROGRESS PARK BALLFIELD LIGHTS RETROFIT

On March 15, 2022, the Paramount City Council approved the retrofit of ballfield lighting at Paramount Park and Progress Park using American Rescue Plan Act (ARPA) funds. The retrofit lighting would use the existing ballfield light poles and replace the existing heads with up-to-date LED light fixtures and a digital control system.

Based on the City's prior experience with MUSCO Lighting's ballfield lighting products, which are the existing lighting systems in use at all of our ballfields, and the general usage of MUSCO Lighting for ballfields in our area, we are recommending MUSCO ballfield lighting retrofits for the ballfield lighting systems at Paramount Park and Progress Park.

Our purchasing policy allows us to procure through a cooperative purchasing program with other public agencies. The City of Paramount is a member of Sourcewell which is a public agency cooperative purchasing program that serves government, education, and non-profit organizations and offers competitively solicited cooperative contracts.

Because of the work Sourcewell has already done to procure competitive pricing with approved vendors, including MUSCO Lighting, government agencies can bypass the bid process and purchase goods and services from vendors under Sourcewell's purchasing contracts. This saves us the effort and time in developing our own bid invitation and going through the bid solicitation and acceptance process, thereby allowing us to purchase specific ballfield lighting products and services from MUSCO Lighting.

MUSCO Lighting submitted retrofit cost of \$242,937.50 for Paramount Park and \$297,663 for Progress Park, for a total cost of \$540,600.50. This quote includes the cost of installation. The price includes a 10-year manufacturer's product assurance and warranty that includes materials and labor.

The amount contracted with MUSCO Lighting is \$15,600.50 over the approved budget amount of \$525,000 budgeted amount allocated from the American Rescue Plan funds for the installation of retrofitted ballfield lighting at Paramount Park and Progress Park. These funds will be allocated to the FY 23 Capital Improvement program. Approval of this purchase will allow us to initiate the purchase and the installation will occur within FY 23. There is no deposit required to initiate the purchase and all funds will be expended in FY 23.

#### MISSION, VISION, VALUE AND STRATEGIC OUTCOMES

The City's Vision, Mission, and Values set the standard for the organization; establish priorities, uniformity and guidelines; and provide the framework for policy decision making. The Strategic Outcomes were implemented to provide a pathway to achieving the City's Vision. This item aligns with Strategic Outcome No. 2: Community Health, No. 4: Environmental Health, and No. 5: Attractive and Well-Maintained Infrastructure.

#### **RECOMMENDED ACTION**

It is recommended that the City Council authorize the purchase and installation of retrofit ballfield lighting at Paramount Park and Progress Park from MUSCO Lighting in the amount of \$540,600.50.

APRIL 19, 2022

# AUTHORIZATION TO PURCHASE

REPLACEMENT BLEACHERS AT PARAMOUNT PARK GYMNASIUM.

# MOTION IN ORDER:

AUTHORIZE THE PURCHASE AND INSTALLATION OF NEW BLEACHERS AT PARAMOUNT PARK GYMNASIUM FROM IRWIN SEATING COMPANY IN THE AMOUNT OF \$70,086.79.

MOTION:	ROLL CALL VOTE:
MOVED BY:	AYES:
SECONDED BY:	NOES:
[] APPROVED	ABSENT:
[] DENIED	ABSTAIN:



**From:** John Moreno, City Manager

- By: David Johnson, Community Services Director
- **Date:** April 19, 2022

# Subject: AUTHORIZATION TO PURCHASE – REPLACEMENT BLEACHERS AT PARAMOUNT PARK GYMNASIUM

The Paramount Gym Renovations (CIP No. 9265), was approved as a FY 22 Capital Improvement Project. Included as part of the planned renovations is the replacement of the wooden bleachers that are approximately 50 years old and in disrepair. The replacement of these bleachers would include new retractable bleachers made of durable high impact polyethene plastic with side protective rails.

Our purchasing policy allows us to procure through a cooperative purchasing program with other public agencies. The City of Paramount is a member of Omnia Partners which is a public agency cooperative purchasing program that serves government, education, and non-profit organizations and offers competitively solicited cooperative contracts.

Because of the work Omnia Partners has already done to procure competitive pricing with approved vendors, government agencies can bypass the bid process and purchase goods and services from vendors under Omnia's purchasing contracts. This saves us the effort and time in developing our own bid invitation and going through the bid solicitation and acceptance process, thereby allowing us to purchase specific gymnasium products and services. Irwin Seating Company is a vendor participating with Omnia Partners and has submitted gym bleacher replacement costs of \$70,086.79. The price includes a 10-year manufacturer's limited warranty.

The amount to be contracted with Irwin Seating is part of a number of Paramount Gymnasium renovations that have a total budget of \$287,200. Approval of this purchase will allow us to initiate the purchase and removal of the old bleachers and installation of new bleachers.

#### MISSION, VISION, VALUE AND STRATEGIC OUTCOMES

The City's Vision, Mission, and Values set the standard for the organization; establish priorities, uniformity and guidelines; and provide the framework for policy decision making. The Strategic Outcomes were implemented to provide a pathway to achieving the City's Vision. This item aligns with Strategic Outcome No. 2: Community Health and No. 5: Attractive and Well-Maintained Infrastructure.

#### **RECOMMENDED ACTION**

It is recommended that the City Council authorize the purchase and installation of new bleachers at the Paramount Park Gym from Irwin Seating Company in the amount of \$70,086.79.

APRIL 19, 2022

# NEIGHBORHOOD PERMIT PARKING REQUEST FOR THE 6400 THROUGH 6500 BLOCK OF ALONDRA BOULEVARD

## MOTION IN ORDER:

AUTHORIZE NEIGHBORHOOD PERMIT PARKING FOR THE 6400 THROUGH 6500 BLOCK OF ALONDRA BOULEVARD, WHICH WILL BE EFFECTIVE IMMEDIATELY.

MOTION:	ROLL CALL VOTE:
MOVED BY:	AYES:
SECONDED BY:	NOES:
[] APPROVED	ABSENT:
[] DENIED	ABSTAIN:

H:\MANAGEMENT\WP\COUNCIL REPORTS\MOTION SHEETS\NEIGHBORHOOD PERMIT PARKING 6400\_6500 BLK ALONDRA BLVD 4.19.22 MS.DOC



From: John Moreno, City Manager

By: Maggie Matson, Interim Public Safety Director, Danny Elizarraras, Management Analyst

Date: April 19, 2022

#### Subject: NEIGHBORHOOD PERMIT PARKING REQUEST FOR THE 6400 THROUGH 6500 BLOCK OF ALONDRA BOULEVARD

#### BACKGROUND

On October 6, 2020, the City Council voted to adopt Resolution No. 20:029, which amended the existing procedures for establishing the Neighborhood Permit Parking Program in the City. Resolution No. 20:029 allows for staff initiated requests for Neighborhood Permit Parking for areas with existing Neighborhood Permit Parking, proposed areas affected by significant factors, and new housing developments.

#### DISCUSSION

On September 1, 2020, the City Council approved a zone change at 6500-6510 Alondra Boulevard. The item was a request by Gold Key Development to change the zone from M-1 (Light Manufacturing) to PD-PS (Planned Development with Performance Standards)/Single-Family Residential at 6500-6510 Alondra Boulevard to allow for the development of ten single-family homes.

On July 14, 2020, the Development Review Board approved the design for the construction of ten single-family homes. The site is located on the south side of Alondra Boulevard between the Home Depot and Hunsaker Avenue. Each home will have an attached two-car garage and driveway parking.

The Planning Director requests Neighborhood Permit Parking for a certain street on the 6400 through 6500 block of Alondra Boulevard. In addition to the new housing development, the Planning Director's request for Neighborhood Permit Parking is based on a long-standing concern from residents in the neighborhood adjacent to the new housing development related to unattended vehicles and day laborers who congregate near the Home Depot.

Resolution No. 20:029 provides authority for the Public Safety Director to recommend to the City Council approval of Neighborhood Permit Parking for new housing developments at the request of the Planning Director.

#### ANALYSIS

The Public Safety Department identified the following thirteen parcels along the 6400 through 6500 block of Alondra Boulevard that will be part of the permit parking program. Ten of the parcels are part of the new housing development. The addresses identified for the permit-parking proposal are:

- 6424 Alondra Boulevard
- 6432 Alondra Boulevard
- 6500 Alondra Boulevard
- 6502 Alondra Boulevard
- 6504 Alondra Boulevard
- 6506 Alondra Boulevard
- 6508 Alondra Boulevard
- 6510 Alondra Boulevard
- 6512 Alondra Boulevard
- 6514 Alondra Boulevard
- 6516 Alondra Boulevard
- 6518 Alondra Boulevard
- 6530 Alondra Boulevard

#### PROPOSAL

Staff proposes to apply the Neighborhood Permit Parking program to the 6400 through the 6500 block of Alondra Boulevard under the criteria authorized by Resolution No. 20:029. This staff-initiated request would serve existing residents and new residents with their permit parking needs by allowing them to apply for Neighborhood Permit Parking.

#### **VISION, MISSION, VALUES, AND STRATEGIC OUTCOMES**

The City's Vision, Mission, Values, set the standard for the organization; establish priorities, uniformity, and guidelines; and provide the framework for policy decision making. The Strategic Outcomes were implemented to provide a pathway to achieving the City's Vision. This item aligns with Strategic Outcome No. 1: Safe Community.

#### **RECOMMENDED ACTION**

It is recommended that the City Council authorize Neighborhood Permit Parking for the 6400 through 6500 block of Alondra Boulevard, which will be effective immediately.

H:\MANAGEMENT\WP\COUNCIL REPORTS\NEIGHBORHOOD PERMIT PARKING 6400\_6500 BLK ALONDRA BLVD RPT 4.19.22.DOCX

APRIL 19, 2022

# EXTENSION OF COMMISSIONER AND MAYOR'S APPOINTMENT TERMS TO ALIGN WITH NEW ELECTION CYCLE

## MOTION IN ORDER:

MOVE THE COMMISSION APPOINTMENTS AND MAYOR'S APPOINTMENTS TO THE VARIOUS EXTERNAL BOARDS AND AGENCIES TO JULY AND EXTEND THE TERMS OF THE SITTING COMMISSIONERS BY THREE MONTHS.

MOTION:	ROLL CALL VOTE:
MOVED BY:	AYES:
SECONDED BY:	NOES:
[] APPROVED	ABSENT:
[] DENIED	ABSTAIN:
[] DENIED	ABSTAIN:



**From:** John Moreno, City Manager

By: Heidi Luce, City Clerk

**Date:** April 19, 2022

#### Subject: EXTENSION OF COMMISSIONER AND MAYOR'S APPOINTMENT TERMS TO ALIGN WITH NEW ELECTION CYCLE

#### BACKGROUND

In December 2017, the City's election date was changed to March of even years to coincide with the statewide primary election as a result of the requirements of Senate Bill 415 (SB 415) the California Voter Participation Rights Act. At the time SB 415 was implemented, statewide elections dates were recognized to occur in November and March of even-numbered years.

However, in 2020, Senate Bill 970 (SB 970) Primary Election Date, changed the date of the statewide primary election. Under SB 970, primary elections are held on the first Tuesday after the first Monday in June of each even-numbered year that is not evenly divisible by four and the first Tuesday after the first Monday in March in each even-numbered year that is evenly divisible by four (Presidential primary years).

#### **Current Election Cycle**

As a result of SB 970, the City Council adopted Ordinance No. 1153 in September 2021 specifying that the City's elections will be held in even years to coincide with the statewide primary elections rather than specifying a particular month. Adoption of Ordinance No. 1153 effectuated the following election cycle for the City's General Municipal Elections:

2022 - June	2028 March
2024 – March	2030 June
2026 – June	2031 March

#### Reorganization

Historically, when the City's elections were held in March, the City Council would hold its annual reorganization to select a Mayor and Vice Mayor at its second meeting in March or more recently, at the first meeting in April. Because of the change in the City's election date, the City Council reviewed options for conducting the annual reorganization at its March 1, 2022 meeting to determine when the City Council would hold its annual reorganization, while remaining in compliance with Government Code Section 36801 in election years. Following discussion, the City Council decided to conduct the annual reorganization in April of each year; and in the years where the election is in June a second reorganization would be held in July, in compliance with Government Code Section 36801, to affirm the Mayor and Vice Mayor selected in April. On March 15, 2022, the City Council adopted Resolution 22:020 memorializing this change.

#### DISCUSSION

The change in the election and reorganization cycle also has an impact on Commission appointments and the Mayor's appointments of councilmemers to various external boards and agencies. These appointments have historically been made at the next City Council meeting after the reorganization occurs.

Although that it still an option, because the election date alternates between March and June, it is staff's recommendation to move the appointments to July and extend the terms of the current sitting commissioners. Moving the appointment to July will allow the terms to remain consistent and eliminates a potential scenario where a commissioner's term is cut short by nine months in the event a councilmember makes an appointment in April but is not reelected in June.

With regard to the Mayor's appointments to the various external agencies and boards, it is also staff's recommendation that the appointments be moved to July for consistency purposes.

#### VISION, MISSION, VALUES, AND STRATEGIC OUTCOMES

The City's Vision, Mission, and Values set the standard for the organization; establish priorities, uniformity and guidelines; and provide the framework for policy decision making. The Strategic Outcomes were implemented to provide a pathway to achieving the City's Vision. This item aligns with Strategic Outcome No. 6: Efficient, Effective, and Fiscally Responsible to deliver an efficient and effective City government in a fiscally responsible, transparent and collaborative manner.

#### RECOMMENDED ACTION

It is recommended that the City Council move the Commission appointments and Mayor's appointments to the various external boards and agencies to July and extend the terms of the sitting Commissioners by three months.

### RESOLUTION NO. 22:027

"A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PARAMOUNT AUTHORIZING THE SUBMITTAL OF A GRANT APPLICATION FOR FUNDING FROM THE LOWER LOS ANGELES RIVERS AND MOUNTAINS CONSERVANCY FOR THE WATER QUALITY, SUPPLY AND INFRASTRUCTURE IMPROVEMENT ACT OF 2014 (PROPOSITION 1), FOR THE SPANE PARK STORMWATER CAPTURE PROJECT"

## MOTION IN ORDER:

READ BY TITLE ONLY AND ADOPT RESOLUTION NO. 22:027.

MOTION:	ROLL CALL VOTE:
MOVED BY:	AYES:
SECONDED BY:	NOES:
[] APPROVED	ABSENT:
[] DENIED	ABSTAIN:



From: John Moreno, City Manager

- By: Adriana Figueroa, Public Works Director Sarah Ho, Public Works Assistant Director
- **Date:** April 19, 2022

#### Subject: RESOLUTION NO. 22:027 AUTHORIZING THE SUBMITTAL OF A GRANT APPLICATION FOR FUNDING FROM THE LOWER LOS ANGELES RIVERS AND MOUNTAINS CONSERVANCY FOR THE WATER QUALITY, SUPPLY AND INFRASTRUCTURE IMPROVEMENT ACT OF 2014 (PROPOSITION 1), FOR THE SPANE PARK STORMWATER CAPTURE PROJECT

#### BACKGROUND

In December of 2021, the City Council approved a transfer agreement with the Los Angeles County Safe, Clean Water (SCW) Program to receive \$891,984 in funding for the design and planning of a regional stormwater project at Spane Park. The SCW Program funding for Spane Park comes from its regional program allocation and is only for planning and design.

In February of 2022, City Council approved an agreement with Craftwater and John L. Hunter and Associates for design and project management services respectively. Design has begun on the Spane Park project and will continue through the end of the year.

#### DISCUSSION

Staff was made aware of a grant opportunity from Lower Los Angeles Rivers and Mountains Conservancy (RMC) for funding for projects that meet criteria for the Water Quality, Supply and Infrastructure Improvement Act of 2014 (Proposition 1). Voters in California approved Proposition 1 in November of 2014 authorizing \$7.545 billion dollars for State water projects including surface and groundwater storage, ecosystem and watershed protection and restoration, and drinking water protection.

The Spane Park Stormwater Capture project will provide multiple key community investment benefits including improvements to the water quality discharged into the Lower Los Angeles River through subsurface infiltration galleries and low impact development best management practices (i.e., permeable pavement in the parking lot and bioswale in the park). The project will enhance park space and recreational amenities including green space and a new soccer field. Additionally, the groundwater supply will be replenished by the infiltration of the stormwater. These enhancements will be an asset

not only to the community but also the local region. Preliminarily, the total cost of the project is estimated at \$12 million.

This grant application will request funding in the amount of \$5 million, as that is the maximum amount allowed under this program. If approved, the City would move forward with the design and construction of a portion of the project, which will likely include the reconstruction of the pond and other amenities.

#### VISION, MISSION, VALUES, AND STRATEGIC OUTCOMES

The City's Vision, Mission, and Values set the standard for the organization; establish priorities, uniformity and guidelines; and provide the framework for policy decision making. The Strategic Outcomes were implemented to provide a pathway to achieving the City's Vision. This item aligns with Strategic Outcome No. 2: Community Health, Strategic Outcome No.4: Environmental Health and Strategic Outcome No.5: Attractive and Well-Maintained Infrastructure.

#### **RECOMMENDED ACTION**

It is recommended that the City Council read by title only and adopt Resolution No. 22:027.

#### CITY OF PARAMOUNT LOS ANGELES COUNTY, CALIFORNIA

#### **RESOLUTION NO. 22:027**

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PARAMOUNT AUTHORIZING THE SUBMITTAL OF A GRANT APPLICATION FOR FUNDING FROM THE LOWER LOS ANGELES RIVERS AND MOUNTAINS CONSERVANCY FOR THE WATER QUALITY, SUPPLY AND INFRASTRUCTURE IMPROVEMENT ACT OF 2014 (PROPOSITION 1), FOR THE SPANE PARK STORMWATER CAPTURE PROJECT

WHEREAS, The people of the State of California have enacted the Water Quality, Supply and Infrastructure Improvement Act of 2014 (Proposition 1), which provides funds for the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy (RMC) Grant Program; and

WHEREAS, The RMC has been delegated the responsibility for the administration of the grant program in its jurisdiction, setting up necessary procedures; and

WHEREAS, said procedures established by the RMC require the Applicant's Governing Body to certify by resolution the approval of the Application before submission of said Application to the State; and

WHEREAS, the Applicant will enter into a contract with the State of California for the Project.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF PARAMOUNT AS FOLLOWS:

**SECTION 1.** The above recitations are true and correct.

**SECTION 2**. The City Council of the City of Paramount authorizes the submittal of an application for local assistance funds from the RMC Proposition 1 Grant Program for the Spane Park Stormwater Capture Project under the Water Quality, Supply and Infrastructure Improvement Act of 2014 (Proposition 1).

**<u>SECTION 3</u>**. The Spane Park Stormwater Capture Project is consistent with local or regional land use plans or Programs (or if it is not, that the project is still approved).

**<u>SECTION 4</u>**. The Spane Park Stormwater Capture Project is consistent with the goals of Proposition 1 including multi-beneficial and multi-jurisdictional ecosystem and watershed protection projects in accordance with statewide priorities.

**<u>SECTION 5</u>**. The Application has or will have sufficient funds to operate and maintain the Project that is being submitted for funding consideration.

**<u>SECTION 6</u>**. The City has reviewed and understands the General Requirements and General Policies of the RMC Proposition 1 Grant Program Guidelines.

**SECTION 7**. The City Manager (or authorized designee) is appointed as agent to conduct all negotiations, execute, and submit all documents including, but not limited to Applications, agreements, payment requests and so on, which may be necessary for the completion of the Project.

**SECTION 8.** This Resolution shall take effect immediately upon its adoption.

PASSED, APPROVED, and ADOPTED by the City Council of the City of Paramount this 19th day of April 2022.

Vilma Cuellar Stallings, Mayor

ATTEST:

Heidi Luce, City Clerk