September 22, 2021

TO: Chair and Members of the Board of Directors

James D. Herberg General Manager FROM:

SUBJECT: September Status Report

The following status report is submitted for your review and consideration.

1. Public and Environmental Health

Winter Weather Preparation Underway

Staff have begun their annual preparation for the rainy season. These preparations include: 1) assuring full hydraulic capacity of our systems; 2) cleaning out and testing the on-site storm water sump pumps and conveyance; 3) scheduling and training standby personnel; 4) testing standby equipment (generators, pumps, and cranes); and 5) assuring project activities that can compromise capacity are coordinated per our contractual requirements.

Construction Set to Begin in Los Alamitos

Construction for the Los Alamitos Trunk Sewer Project is set to begin in October. This project will rehabilitate two pipelines and rehabilitate or replace over 70 manholes. Over 17,000 mailed notices have been sent to the community surrounding the area where construction will begin, and presentations have been given to the cities of Cypress and Los Alamitos. As construction progresses, the communities will continue to be engaged through the efforts of our dedicated community liaison. Additional project and contact information can be found at www.ocsan.gov/LosAlamitos.

Collection System Projects Increase Flow Available to GWRS

OC San is making an additional eight million gallons per day (MGD) available for the Groundwater Replenishment System (GWRS). Wastewater that previously flowed into the Santa Ana River Interceptor line, which cannot be reclaimed, is being diverted to Plant No. 1, where treated effluent is delivered to the Orange County Water District for recycling at GWRS. The completion of the Newhope-Placentia Trunk Sewer project allowed staff to redirect approximately to 6 MGD of wastewater to Plant No.1 so far and will allow an additional 2 MGD of flow to be diverted with the upcoming abandonment of the Yorba Linda Pump Station.

Recent Articles in the News on OC San's Preparation for Sea Level Rise

Two articles were published this month related to sea level rise and groundwater. OC San was interviewed for both articles and we were able to highlight our 2019 Climate Resiliency Study which resulted in several modifications to our facilities being incorporated into our CIP projects to address the long-term risk. An established engineering design guideline to ensure climate change consideration is included in all new and rehabilitation projects. In addition, Plant No. 2 relies on a natural buffer that includes a wetland, state highway, and a beach. Construction of a flood wall at Plant No. 2 will provide added protection against sea level rise, storm surges, and tsunamis. The flood wall project will be built in two phases with full completion by 2035. Both articles were sent to the Board via email and are also attached for reference.

2. Sound Finances and Increasing Efficiency

Draft Strategic Plan is Complete

After a thorough review and analysis of the current Strategic Plan by staff and the Board, the 2021 Draft Strategic Plan is now complete. As previously discussed and presented, the plan includes the agency's top policy areas and initiatives that will be carried out over the next two years. A draft of the plan is included in this month's agenda with the final plan being presented in November.

Construction of the New Headquarters is Underway

The contractor began grading the site of our new headquarters building this month. Members of the OC San project team, including the design consultant and a third-party construction management team, attended a site visit of an ongoing mass timber construction project to get hands-on exposure to the work, discuss challenges specific to mass timber, and review lessons learned that can be applied to the headquarters project. The community has been notified of the construction efforts. Project information, videos, progress and contact information for the dedicated community liaison can be found at www.ocsan.gov/Headquarters. Construction is scheduled to be complete in November 2023.

3. Recovering Valuable Resources

State College Sewer Construction Project Complete

The newly constructed Newhope-Placentia Trunk Sewer is in service and fully operational. This two-phased project replaced seven miles of sewer along State College Boulevard from Yorba Linda Boulevard in the City of Fullerton to Orangewood Avenue in the City of Anaheim by Angel Stadium. Phase A was completed in 2017. Final paving for Phase B will be completed this month with minor activity occurring in early October.

4. Community Outreach and Transparency

Community Outreach Update

During the month of September, OC San held four virtual tours for Cypress College, Cal State Fullerton Nursing, and the new Employee Tour. Our virtual tour program continues to reach the community as we continue with our COVID-19 protocols.

OC San Celebrates Their VIPs

Later this month, we will celebrate our employees who have volunteered their time and effort to support OC San's educational mission through the Volunteer Incentive Program (VIP). Due to COVID-19 restrictions, we are once again unable to gather in person as we typically do for the annual luncheon. This year, the Board Chairman, Executive Management Team and I will thank our VIP's by sending them a personal notecard and small token of appreciation recognizing their efforts. Even through the pandemic, our volunteers dedicated their time for 36 tours and 33 speaking engagements. Through these efforts, it is estimated that OC San reached over 4,000 people in fiscal year 2020/2021 which is slightly above last year's numbers of approximately 3,700, however well below our non-COVID times of approximately 8,000.

5. Legislative and Industry Affairs

Federal Legislative Update

Congress is expected to finalize a budget to fund the infrastructure package of \$3.5 trillion that is projected to increase funding for wastewater needs. Concerns from a number of moderate Representatives over the effects of the new spending may reduce the level of additional funding for water needs.

Congress is still under a deadline to finalize the Fiscal Year 2022 spending bills by the end of September. This is not expected to happen, and we expect a stopgap spending bill to be passed that could extend until December, avoiding a governmental shutdown.

OC San to Speak at PFAS Event Hosted by OCWD

The Orange County Water District is hosting an event on September 28 to provide the latest updates on PFAS legislation. OC San's Board Chairman will discuss the roles and responsibilities of wastewater agencies and the overall impact on the industry. Speakers include Mike Markus, OCWD General Manager; Steve Sheldon, OCWD President; John Withers, OC San Board Chairman; and Eric Sapirstein, ENS Resources. The invitation was sent via email to the Board of Directors by the Clerk of the Board.

OCBC Infrastructure Committee Presentation

On September 14, I had the opportunity to speak at the Orange County Business Council Infrastructure Committee where I presented our current Capital Improvement Program and provided an update on the launch of our new Vendor Outreach Program, one of the initiatives included in the Strategic Plan.

US Green Building Council Presentation

On September 30, Assistant General Manager Rob Thompson will be speaking at the 2021 US Green Building Council where he will discuss GWRS, current wastewater projects, and how we can incorporate and maximize recycling and sustainability when planning projects.

OC San Wins Procurement Award

OC San was awarded the National Procurement Award from the National Procurement Institute. OC San is one of only 182 agencies in the U.S. and Canada, and one of only 36 special districts to receive this award.

6. Workforce and Administration

COVID Update

OC San continues to maintain compliance with federal, state, and local public health guidance and Cal OSHA regulations for COVID-19. As a result of rising case rates from the Delta variant, face covering requirements for fully vaccinated individuals were reinstituted and Phase 2 of the return-to-office plan for teleworking staff was temporarily postponed. OC San will continue to monitor changes in case rates as well as public health guidance, and update safety protocols as needed.

A letter was sent by the Board Chairman to the Board Members and Alternate Board Members informing them of the tentative plans and requirements to return to full in-person Committee and Board Meetings as of October 6. Based on the recent signing of AB 361 by the Governor, OC San plans to continue to host Board and Committee meetings virtually until further notice.

Payments of Warrants and Demands

Following this report, you will find the payments of warrants and demands for the month of August 2021. Each month, this report is provided in accordance with Resolution No. OCSD 14-13.

JDH:clr Attachments

State report raises fresh alarms over sea-level rise

Proposal from Coastal Commission uses more extreme scenarios, examines relocating roads, rails and sewage plants.



Homes along Capistrano Beach get pelted with waves during high tide in Dana Point, CA, on Thursday, August 19, 2021. The state Coastal Commission this month released a draft report on how communities should prepare and adapt to rising seas. (Photo by Jeff Gritchen, Orange County Register/SCNG)

By MARTIN WISCKOL | mwisckol@scng.com | Orange County Register PUBLISHED: August 27, 2021 at 1:02 p.m. | UPDATED: August 28, 2021 at 12:04 p.m.



Underscoring the growing urgency to prepare now for rising seas in the decades ahead, the California Coastal Commission is basing its most recent adaptation plan on more extreme scenarios and making the case for relocating vulnerable coastal roads, railways and sewage plants.

Those projections and strategies are drawing a wary eye from some Southern California officials, at least one of whom openly questions the relevance of the commission's approach.

But the Coastal Commission is firmly defending its draft document, "Critical Infrastructure at Risk: Sea Level Rise Planning Guidance for California's Coastal Zone." The report focuses on transportation and wastewater infrastructure, crucial long-term public works that require significant advance planning.

"It's no longer, 'How do the tides usually run?'," said Donne Brownsey, vice chairperson of the commission. "It's how they're going to run 30 years from now, 50 years from now, 70 years from now. And it takes 20 years to figure out how to do some of these adaptation projects. The longer you wait, the fewer options you have."

Evidence of future peril reared its head this month when high tides and big waves flooded parking lots at <u>Capistrano Beach</u> and <u>Aliso Beach</u>. At the same time, Newport Beach scurried to build a protective beach berm on its peninsula. Winter flooding from high seas is already a perennial event in a numbers of coastal towns, including Long Beach and Sunset Beach.

But sea-level rise doesn't always raise widespread concern among the public because it doesn't display its threat as dramatically as other disasters, Brownsey said.

"It's a slower moving crisis than a wildfire or a hurricane," she said. "But this is an urgent, impactful issue."

The 224-page draft report was released Aug. 16, with the public and local jurisdictions having until Sept. 24 to submit comments. The commission is expected to consider final approval in November or December.

Extreme forecasts



The state's Ocean Protective Council, whose predictions about sea-level rise are used by the commission, last year updated <u>its recommendations</u>, calling for state to get ready for 3.5 feet of sea-level rise by 2050. A number of cities had been using — and some continue to use — a benchmark of 6 feet to 7 feet of rise by 2100, although that standard has been criticized for being too extreme because it has been given only 1 in 200 chance of occurring by the council.

The new Coastal Commission proposal, however, uses the even more extreme planning benchmark of 10 feet of rise by 2100, an "extreme high risk" projection that's considered such a long-shot that Ocean Protective Council doesn't offer odds of it happening.

Madeline Cavalieri, the commission's statewide planning director, said the 10-foot scenario was used because of the importance and longevity of transportation and sewage infrastructure, the difficulty of relocating it, and the increasingly dire projections of climate change-driven sea-level rise.

Advance planning for this extreme projection, Cavalieri said, "is a paradigm shift in how we plan for the coast."

But making plans based on the idea that the ocean might rise 10 feet over the next 79 years may be taking it too far, said Ursula Luna-Reynosa, community development director for the city of Huntington Beach.

"Given the high level of uncertainty around the (extreme high risk) scenario, policy makers need to consider ... the significant allocation of limited resources that would be necessary to implement such planning efforts," she said via email. "Recent studies indicate that the (extreme high risk) scenario may be less relevant for planning purposes."

Luna-Reynosa pointed to studies that showed high-end predictions of 9 inches of sea level rise by 2050 and 3.4 feet by 2100.

She also took aim at the commission's preference of avoiding permanent hard armoring, like seawalls, in favor of natural barriers, such as marshes, and relocating infrastructure away from the coast. Seawalls and similar armoring are typically opposed by the commission — especially as long-term fixes — because they can accelerate the loss of beaches and coastal habitat.

"Utilizing high-risk, low-probability scenarios can result in draconian effects if managed retreat and natural buffers are the only tools available," she said.

Like Huntington Beach, other coastal cities responding to Southern California News Group inquiries said they were still studying the draft document and preparing feedback for the commission.



But even Long Beach planner Alison Spindler-Ruiz, who said the city shared the commission's sense of urgency and agreed with the analysis that prevailing sealevel rise projections might be underestimates, noted that her city is using "more probable projections."

Moving roads inland

A 100-year flood combined with 4.6 feet of sea level rise would threaten or damage hundreds of miles of railways, thousands of miles of roads, and at least 28 wastewater treatment plants, according to an analysis cited in the draft report.

Of the five early adaption case studies in the report, three involved relocating existing coastal infrastructure farther inland. One involved moving a 2.8-acre stretch of Highway 1 in north San Luis Obisbo County. Another started with the commission rejecting a plan to rebuild a coastal sewage plant in the city of Morro Bay because of flooding concerns and concluded with approval of a new plant three miles inland.

Additionally, the Orange County Transportation Authority is studying how to address vulnerable beachfront railway in south Orange County and two San Diego County agencies are analyzing possible inland alignments for vulnerable railway in Del Mar.

"In many cases, relocation ... is one of the surest ways to avoid coastal hazards associated with sea level rise, as well as the service disruptions and damage that may be caused by flooding and erosion," the commission report says. "Further, if infrastructure is realigned inland, not only will it be safe, but coastal habitats will have the opportunity to migrate inland and persist as sea levels rise."

But the strategy known as "managed retreat" often raises hackles on the local level, in part because of coastal homeowners who simply want to shore up their properties with hard armoring such as seawalls and in part because of the expense involved with relocation.

"It's become a political red flag, even though it's well accepted as an adaptation strategy," said Coastal Commission Vice Chair Brownsey. "It's our effort to take some of the charge out of it so we can have a conversation about a range of adaptation strategies."



In the the draft report, the words "managed retreat" don't appear until the references and appendixes, but the words "relocate" and "relocation" appear 77 times. Other possible approaches mentioned in the report include elevating structures and fortifying natural barriers, which can include marshes, as well as burying boulders or cobbles under the beach to stem the ocean's march landward. Such subterranean revetment has been constructed in Cardiff and is being considered for Capistrano Beach.

Brownsey acknowledged the expense involved — particularly with relocation — while the commission report cites studies saying that every dollar spent early to address vulnerabilities can save \$4 to \$10 in the long run. The report also lists a host of potential funding sources, ranging from state and federal grants to assessments, utility fees and parcel taxes.

Both Brownsey and Cavalieri said that most coastal cities are already making progress preparing for sea-level rise, and that the public increasingly is aware of the threat.

"But more needs to be done in terms of public education," Brownsey said. "We have a few communities in Orange County and Southern California that are really resistant to (managed retreat) because it presents tough issues. We want to help people make the best decision and sometimes that's managed retreat, as difficult as that may be."

Ultimately, she said, it's not a matter of controlling the ocean or asserting the commission's will over local government.

"At the end of the day, we don't really decide. The ocean decides."

Vulnerable sites

Among specific Southern California locations vulnerable to sea-level rise and cited in the Coastal Commission's draft report, "Critical Infrastructure at Risk":

• "Over 10 miles of railroad track in Los Angeles County will be vulnerable to stormflooding" with 6.6 feet of sea-level rise combined with a 100-year storm, the report says. "In San Diego County, approximately 2 miles of track will be in danger of erosion, and close to 10 miles will be in danger of storm flooding. In some cases, these vulnerable segments represent a significant portion of a city's shoreline, as is the case for the cities of San Clemente and Del Mar, or are critical to a port as distribution lines."



- Pacific Coast Highway in Sunset Beach already floods during king tides and "there is potential of widespread inundation across large portions of northern Huntington Beach in the vicinity of Huntington Harbour and Bolsa Chica by 2100" with 5.5 feet of sea-level rise, according to the report. That poses a risk to sewage lift stations.
- "Some areas such as Highway 1 in Huntington Beach and along the Newport coast south of Crystal Cove face erosion threats that will require adaptation planning," the report says.
- The Orange County Sanitation District sewage treatment plant in south Huntington Beach is vulnerable to tidal inundation, extreme wave events, and storm water runoff.
- "Highways around the Ports of Los Angeles and Long Beach have also been identified as vulnerable to flooding, which has the potential to disrupt extremely valuable commerce. For example, Route 47, Interstate 710, and Highway 1 all merge at the Port of Los Angeles and are exposed to future sea level rise," the report says.
- The Hyperion Wastewater Treatment Plant in Playa del Rey is about 32 feet above sea level but is still "sensitive to storm-related flooding," according to the draft report, citing the city of Los Angeles' own vulnerability assessment. "Significant increases in sea level could reduce the plant's efficiency in the discharge of effluent because the pumped flow would be met with more water pressure."

Newsroom Guidelines News Tips Contact Us Report an Error



Tags: Environment, Top Stories Breeze, top stories ivdb, Top Stories LADN, Top Stories LBPT, Top Stories OCR, Top Stories PE, Top Stories PSN, top stories rdf, Top Stories SGVT, top stories sun, Top Stories WDN



Why groundwater flooding is becoming a serious threat to coastal cities as sea levels rise

Most attention has been on overland flooding, but water coming up through the earth could prove a bigger threat.



A flooded street during high tide in Miami Beach in 2015. The Miami area already experiences groundwater flooding caused by sea-level rise, a hazard that new modeling indicates could be coming to coastal Southern California.(AP Photo/Lynne Sladky, File)

By MARTIN WISCKOL | mwisckol@scng.com | Orange County Register PUBLISHED: September 16, 2021 at 6:00 a.m. | UPDATED: September 16, 2021 at 11:27 a.m.



While concerns over sea-level rise have typically focused on the ocean washing over previously dry land, higher seas also raise the coastal groundwater table — and that could expose far more Californians and their property to climate-change effects than overland flooding.

Miami is already experiencing such groundwater flooding. The Atlantic Ocean has risen enough that it routinely pushes subterranean water levels so they breach the land's surface in some neighborhoods there on a daily basis, U.S. Geological Survey coastal geologist Patrick Barnard told the state Coastal Commission in a multi-agency presentation on the issue Sept. 8.

"Low-lying areas like ports and reclaimed estuaries — like we have in northern Orange County and the ports of Los Angeles and Long Beach — have very shallow groundwater today and by the end of the century, it will become even more of an issue," Barnard said.

"It's going to be a compound issue where it's not only going to be overland flooding, but the daily impacts of this water table hazard."

With 6.6 feet of sea-level rise, 600,000 people in the state and \$200 billion of property would be in jeopardy from overland flooding during a 100-year storm, according to current modeling. But with the same amount of sea-level rise, 4 million people and \$1.1 trillion of property could be exposed to higher groundwater on a daily basis — not just during a storm, he said.

The groundwater rise would threaten seven times as much roadway as overland flooding, and nine times as many critical facilities, including schools, hospitals and police stations, he said. Damage could include flooded basements, disabled drainage, damage to underground pipelines and sewage systems, and undermined roadbeds. Unlike overland flooding, seawalls and similar barriers can't protect against groundwater rise.

The <u>new modeling</u> presented to the Coastal Commission looks at groundwater levels relative to sea levels, using a color-coded map to show vulnerabilities for each part of the coast. A slider tool allows the online user to see a rough estimate of the degree of susceptibility anywhere from no sea-level rise to 16.4 feet of rise. (Users can also see the same information for overland flooding and related risks.)

However, this early stage of groundwater modeling doesn't yet identify local geology — particularly the permeability of the earth — or local effects of rainfall. Those factors also play a significant role.



As a result, part of the port as well as some residential neighborhoods of Long Beach, Seal Beach and Huntington Beach are displayed on the modeling map as already subject to groundwater breaching the surface. But such breaching is largely — if not entirely — absent so far. Barnard said the discrepancy is because other local conditions hadn't yet been gathered and integrated into the models.

Nonetheless, the information now available should raise red flags about the need to prepare for future groundwater rise, he said.

"There's a lot of research going on now to translate this to what the impacts actually mean," he said. "This work (presented now), we hope, puts this hazard on the map and we can begin to look to solutions for these different hazards across the state."

Growing threat

The state's Ocean Protection Council, which provides sea-level rise benchmarks for agencies to plan by, has <u>recommended preparing</u> for the ocean to rise 3.5 feet by 2050 even though it acknowledges only a 1-in-200 chance of that occurring. It puts those same odds on the state experiencing 6.6 feet of rise by 2100.

For transportation and sewage infrastructure, the <u>Coastal Commission has</u> <u>suggested</u> planning for 10 feet of sea level rise by 2100 because of the long-term planning needed as well as the critical role such infrastructure plays. Both agencies' benchmarks have been criticized for being too extreme.

But even the estimates of the United Nations' Intergovernmental Panel on Climate Change provide evidence of the growing threat and were quoted by Barnard in his presentation to the Coastal Commission. He also included input from climate researchers at the commission, Point Blue Conservation Science and the University of Arkansas.

Barnard is among those who've called the U.N. estimates conservative, optimistic, best-case scenarios.

Among the U.N. panel's data is the finding that the rate of sea-level rise has approximately tripled since 1971 and is currently at 0.15 inches per year.



"Global mean sea level has risen faster since 1900 than over any preceding century in at least the last 3,000 years," according to the panel's <u>Sixth Assessment Report</u>. "Global surface temperature has increased faster since 1970 than in any other 50-year period over at least the last 2000 years. ... Sea level is committed to rise for centuries to millennia due to continuing deep ocean warming and ice sheet melt, and will remain elevated for thousands of years."

More immediately, the past six years have been the six warmest on record, according to the World Meteorological Organization's <u>State of the Global Climate</u> 2020, published this year.

Emerging awareness

Cities, ports and other public agencies in the most vulnerable Southern California stretches are becoming aware of the groundwater threat. But if those agencies are alarmed at the prospect, few are letting on.

Climate-change resiliency studies by those entities — in the instances where there are such plans — typically mention the threat of rising groundwater briefly, if at all. A 2018 sea-level adaptation by the Port of Los Angeles does not address the issue.

"However, the port intends to address it in future studies as we continually monitor sea-level rise," port engineer Adrienne Fedrick Newbold said in an email.

The city of Long Beach's 192-page proposed <u>Climate Action + Adaptation Plan</u>, completed last year, doesn't mention the possibility of rising groundwater, although it is brought up in an appendix.

Sea-level rise "causes saline water to intrude into underground reservoirs, raising the historical groundwater elevation ranges beyond what the Long Beach utilities were planned and built to accommodate," the appendix notes.

Alison Spindler-Ruiz, the city's advance planning officer, added that future studies will "allow us to study these issues in more detail and come up with more detailed recommendations and implementation projects."

The Orange County Sanitation District's 2019 climate resiliency study briefly mentions the potential of groundwater infiltration with a short recommendation to consider the threat to "below grade structures such as dry wells, basement, tanks and tunnels."



The district's assistant general manager, Rob Thompson, said that most of his agency's infrastructure has a 50- to- 75-year life span, and the latest sea-level rise science is taken into account when each is built or rebuilt. He noted that new digesters at its coastal sewage treatment plant in Huntington Beach will sit higher of the ground because of it.

And future groundwater flooding?

"The practical problem we're facing is relatively minor," he said. A larger concern is the effect of seismic activity on both underground and above-ground facilities — and fortifying those can also help protect against rising groundwater tables, Thompson said.

"Most of our critical infrastructure is designed with geotechnical considerations in mind," he said. "But for residential and commercial development, this is something they may want to take into consideration."

Matt Arms, environmental planning director for the Port of Long Beach, acknowledged the shallow groundwater in the area and said the port takes the most recent data into consideration when building.

"We use the best available science to inform, and adjust when necessary our project designs," Arms said via email. "As we redevelop and modernize the port, we always consider the expected effects of climate change."

USGS's Barnard, meanwhile, said that while the new modeling and assessments were preliminary, they do provide an alert that rising groundwater needs more attention.

"It's not for engineering," he said. "It's not saying, 'You should design buildings differently.' It provides potential red flags that need to be investigated."

To see the map modeling of areas vulnerable to groundwater rise, visit ourcoastourfuture.org/hazard-map/. Under "Scenario Topic," use the dropdown box and select, "Groundwater." You can zoom in on the map, select your city of interest, adjust for the amount of sea-level rise and for the permeability of the ground.

Newsroom Guidelines News Tips Contact Us Report an Error





Coast Lines

Sign up for our new email newsletter, **Coast Lines**, that is all about what's happening, changing and important along Southern

California's coast.

Enter your email to subscribe

SUBSCRIBE

Tags: Environment, Top Stories Breeze, Top Stories LADN, Top Stories LBPT, Top Stories OCR

Martin Wisckol | Reporter

Martin Wisckol covers coastal environment and development. Previously, he spent two decades as politics reporter and columnist for the Orange County Register. He's also held reporting positions in Miami, Jacksonville, Detroit and his hometown of San Diego, with an emphasis on land use and urban planning. He is a lifelong surfer and has spent most of his life on the coast. His work has been honored by the Society of Professional Journalists, the National Headliner Awards, the California Newspaper Publishers Association, the Florida Press Club and the American Planning Association Florida Chapter.

mwisckol@scng.com

Follow Martin Wisckol @MartinWisckol



By Intuit QuickBooks

© quickbooks

SPONSORED CONTENT

QuickBooks Online Payroll Has New Features Thanks to Feedback from Accountants



Warrant No.	Vendor	Amount	Description
Accounts Payable - Warrant	<u>s</u>		
35342	AAA Electric Motor Sales & Service, Inc.	1,335.72	Repair & Maintenance Materials and/or Services
35343	Abel Scale, Inc.	776.00	Repair & Maintenance Materials and/or Services
35344	Acadia Sales & Engineering	852.18	Repair & Maintenance Materials and/or Services
35345	Advanced Infrastructure Technologies LLC	3,599.18	Small Tools
35346	Advanced Resoruces LLC	7,992.00	Temporary Services
35483	Advanced Resoruces LLC	4,144.00	Temporary Services
35347	AECOM Technical Services, Inc.	5,230.80	Professional Services/Engineering Design Services
35485	Age of Aquariums, Inc.	837.81	Maintenance Agreement
35486	Airgas USA LLC	17,678.38	Laboratory Supplies and/or Services
6017	Airgas USA, LLC	18,538.30	Laboratory Supplies and/or Services
6039	Airgas USA, LLC	6,919.16	Laboratory Supplies and/or Services
35326	Airkinetics Inc.	32,556.00	Professional Services/Air Quality Monitoring
35487	Alexander Gabriel	300.00	Laboratory Supplies and/or Services
35348	Alfa Laval Inc.	3,223.99	Repair & Maintenance Materials and/or Services
35349	Alhambra Foundry Co., Ltd.	11,466.60	Repair & Maintenance Materials and/or Services
35488	Alliant Insurance Services	2,500.00	Insurance
35350	Allied Refrigeration	1,948.86	Repair & Maintenance Materials and/or Services
35489	Allied Refrigeration	2,893.09	Repair & Maintenance Materials and/or Services
35490	Alston & Bird LLP	1,830.00	Professional Services/Legal
35351	Alternative Hose Inc.	245.87	Repair & Maintenance Materials and/or Services
6018	AppleOne Employment Service	570.80	Temporary Services
6040	AppleOne Employment Service	570.80	Temporary Services
35352	Applied Industrial Technology	479.68	Repair & Maintenance Materials and/or Services
35491	Applied Industrial Technology	1,081.73	Repair & Maintenance Materials and/or Services
35353	Association of Compost Producers	5,000.00	Professional Organizations Meeting/Training/Membership
35341	AT & T	264.74	Telecommunications
35354	Atlas Copco Compressors LLC	633.99	Repair & Maintenance Materials and/or Services
35355	Atlas Technical Consultants LLC	6,501.00	Professional Services/Engineering Design Services
35492	Atlas Technical Consultants LLC	2,192.00	Professional Services/Engineering Design Services
35356	Awards & Trophies Company	70.62	Repair & Maintenance Materials and/or Services
35327	Ayala Engineering	33,162.00	Repair & Maintenance Materials and/or Services
35493	Ayala Engineering	5,913.00	Repair & Maintenance Materials and/or Services
35357	A-Z Golf Cart Specialists, Inc.	5,583.22	Repair & Maintenance Materials and/or Services
35358	Bay City Industrial Supply	12,995.12	Repair & Maintenance Materials and/or Services
35494	Bay City Industrial Supply	1,279.63	Repair & Maintenance Materials and/or Services
6020	BC Wire Rope & Rigging	70.04	Repair & Maintenance Materials and/or Services
35359	BEC Building Electronic Controls, Inc	1,486.42	Repair & Maintenance Materials and/or Services
35495	Bickmore Actuarial	2,250.00	Professional Services
35328	Black & Veatch Corporation	121,880.79	Professional Services/Engineering Design Services
35469	Black & Veatch Corporation	56,057.07	Professional Services/Engineering Design Services
35360	Borden Decal	1,524.95	Safety Equipment
35470	Brenntag Pacific, Inc.	25,309.25	Chemicals

Warrant No.	Vendor	Amount	Description
35361	Brown & Caldwell	15,524.07	Professional Services/Engineering Design Services
35471	Brown & Caldwell	77,527.54	Professional Services/Engineering Design Services
35496	Buchi Corporation	4,850.68	Laboratory Supplies and/or Services
35497	California Access Scaffold LLC	4,320.00	Repair & Maintenance Materials and/or Services
35362	California Relocation Services, Inc.	500.00	Maintenance Agreement
35363	Caltrol, Inc.	162.21	Repair & Maintenance Materials and/or Services
35499	Caltrol, Inc.	4,263.04	Repair & Maintenance Materials and/or Services
35329	Carollo Engineers	86,066.67	Professional Services/Engineering Design Services
35364	Cascade Thermal Solutions, LLC	168.35	Laboratory Supplies and/or Services
35472	CDM Smith, Inc.	129,354.55	Professional Services/Engineering Design Services
35365	Charles P. Crowley Co.	13,113.60	Repair & Maintenance Materials and/or Services
35500	Charles P. Crowley Co.	2,125.29	Repair & Maintenance Materials and/or Services
6043	Cintas Corporation	5,032.25	Safety Equipment
6042	Cintas Fire Protection	3,255.38	Meeting/Training Registration
35465	City of Costa Mesa	140.00	Repair & Maintenance Materials and/or Services
35610	City of Fullerton	762.85	Sewer User Fee Refund
35380	City of Fullerton	1,558.76	Water Use
35396	City of Huntington Beach	29.30	Water Use
35531	City of Huntington Beach	25.05	Water Use
35462	City of Los Alamitos	3,827.55	Sewer User Fee Refund
35416	City of Newport Beach	268.29	Water Use
35366	Consumers Pipe & Supply Co	4,927.70	Repair & Maintenance Materials and/or Services
35501	Consumers Pipe & Supply Co	2,179.82	Repair & Maintenance Materials and/or Services
35367	Cortech Engineering	1,755.19	Repair & Maintenance Materials and/or Services
35502	Cortech Engineering	574.12	Repair & Maintenance Materials and/or Services
35463	County of Orange - Auditor Controller	255.00	Fees & Charges
35498	Court Order	4,401.70	Judgements Payable
35572	Court Order	108.00	Judgements Payable
35541	Court Order	1,661.54	Judgements Payable
35368	CR&R, Inc.	1,955.15	Trash Removal
35369	Crump & Co., Inc.	2,038.65	Repair & Maintenance Materials and/or Services
35371	DAC (Digital Assurance Certification)	2,500.00	Professional Services/Financial Document Repository
35503	DEF Products, LLC	4,622.47	Chemicals
35504	Depth Perceptions, Inc.	714.00	Vessel Services
35505	Dudek & Associates, Inc.	15,820.00	Professional Services/Engineering Design Services
35372	Dunn Edwards Corporation	139.62	Repair & Maintenance Materials and/or Services
35506	Embark Consulting, LLC	3,323.30	Professional Services/I.T.
35507	Employee Benefits Specialists, Inc.	10,340.64	Reimbursed Prepaid Employee Medical & Dependent Care
35508	Employment Development Department	1,081.94	Unemployment Insurance
35509	Encore Welding & Industrial Supply LLC	446.04	Repair & Maintenance Materials and/or Services
35510	ENS Resources	7,700.00	Professional Services
35511	Environmental Express, Inc.	1,693.38	Laboratory Supplies and/or Services
6021	Environmental Resource Center	720.49	Meeting/Training Registration

Warrant No.	Vendor	Amount	Description
6044	Environmental Resource Center	1,138.00	Meeting/Training Registration
35512	Equaltox, LLC	5,600.00	COVID Supplies
35373	ES Engineering Services, LLC	3,525.00	Laboratory Supplies and/or Services
35513	Evoqua Water Technologies	326.72	Maintenance Agreement
6022	Excel Door & Gate Co., Inc.	3,033.67	Repair & Maintenance Materials and/or Services
35374	Experis US Inc.	2,297.40	Professional Services/Temporary Services
35514	Experis US Inc.	1,235.95	Professional Services/Temporary Services
35375	F. H. Pumps	5,778.64	Repair & Maintenance Materials and/or Services
35376	Factory Direct Pipeline Products., Inc.	1,931.14	Repair & Maintenance Materials and/or Services
35377	Finlayson Toffer Roosevelt & Lilly LLP	1,750.00	Professional Services/Legal
35378	Fisher Scientific Company	179.65	Laboratory Supplies and/or Services
35515	Fisher Scientific Company	3,499.63	Laboratory Supplies and/or Services
35379	Fountain Valley Paints	348.50	Painting Supplies
35516	Franchise Tax Board	755.15	Judgements Payable
35599	Franchise Tax Board	206.00	Judgements Payable
35381	Ganahl Lumber Company	81.85	Repair & Maintenance Materials and/or Services
35382	Garland Manufacturing Co.	311.85	Repair & Maintenance Materials and/or Services
35517	Garratt Callahan Company	2,450.00	Chemicals
35518	Gates Fiberglass Installers	2,915.63	Repair & Maintenance Materials and/or Services
35473	GE Oil & Gas Compression Systems, Inc.	37,860.94	Repair & Maintenance Materials and/or Services
35482	GE Oil & Gas Compression Systems, Inc.	926,483.00	Repair & Maintenance Materials and/or Services
35383	GEA Mechanical Equipment US, Inc.	19,255.74	Repair & Maintenance Materials and/or Services
35519	GEA Mechanical Equipment US, Inc.	9,784.41	Repair & Maintenance Materials and/or Services
35520	Geotab USA, Inc.	3,653.75	Service Agreement
35384	GHD	646.17	Professional Services/Engineering Design Services
35474	GHD	32,171.15	Professional Services/Engineering Design Services
35385	Global Industrial Equipment	345.37	Safety Equipment
35386	Golden West Window Service	2,600.00	Repair & Maintenance Materials and/or Services
35522	Golden West Window Service	4,546.68	Repair & Maintenance Materials and/or Services
35387	Grainger, Inc.	3,189.73	Repair & Maintenance Materials and/or Services
35523	Grainger, Inc.	8,556.87	Repair & Maintenance Materials and/or Services
35388	Granicus	8,360.69	Service Agreement
35389	Graybar Electric Company	7,058.26	Repair & Maintenance Materials and/or Services
35524	Graybar Electric Company	4,644.10	Repair & Maintenance Materials and/or Services
35525	Guy Balancing, Inc.	1,000.00	Repair & Maintenance Materials and/or Services
35526	Hach Company	270.60	Laboratory Supplies and/or Services
35330	Hampton Tedder Technical Services, Inc.	68,571.97	Maintenance Agreement
35527	Hardy Diagnostics	1,091.70	Laboratory Supplies and/or Services
35390	Harrington Industrial	6,094.60	Repair & Maintenance Materials and/or Services
6023	HB Staffing	3,178.00	Professional Services/Temporary Services
6045	HB Staffing	1,692.80	Professional Services/Temporary Services
35391	HDR Engineering, Inc.	2,327.03	Professional Services/Engineering Design Services
35475	HDR Engineering, Inc.	34,283.57	Professional Services/Engineering Design Services

Warrant No.	Vendor	Amount	Description
35608	Henry Ng	28.00	Petty Cash Reimbursement
35528	Heritage Museum of Orange County	5,000.00	Educational Programs
35392	Heritage Products, LLC	1,138.77	Miscellaneous Parts & Supplies
6024	Hill Brothers	19,740.00	Chemicals
6035	Hill Brothers	111,561.46	Chemicals
35393	Home Depot	41.06	Repair & Maintenance Materials and/or Services
35529	Home Depot	277.19	Repair & Maintenance Materials and/or Services
35394	Hopkins Technical Products	3,341.71	Repair & Maintenance Materials and/or Services
35395	Houston & Harris Pcs, Inc.	1,549.52	Repair & Maintenance Materials and/or Services
35530	Howden Roots LLC	411.08	Repair & Maintenance Materials and/or Services
6025	Hub Auto Supply	34.55	Repair & Maintenance Materials and/or Services
6046	Hub Auto Supply	587.95	Repair & Maintenance Materials and/or Services
35466	Hydraulic Institute, Inc.	1,100.00	Meeting/Training Registration
6026	Indoff, Inc.	3,418.95	Office Furniture
35397	Industrial Hearing & Pulmonary Mgmt.	4,320.00	Professional Services/Medical
35532	Industrial Hearing & Pulmonary Mgmt.	1,440.00	Professional Services/Medical
35398	Industrial Steam	154.00	Repair & Maintenance Materials and/or Services
6047	Industrial Threaded Products	3,184.94	Repair & Maintenance Materials and/or Services
35331	Inland Empire Reg. Composting Authority	62,576.58	Professional Services/Biosolids Management
35332	Innovative Engineering & Maintenance	192,985.00	Repair & Maintenance Materials and/or Services
35333	Insight Public Sector, Inc.	82,414.30	Small Computer Items
35533	Insight Public Sector, Inc.	2,312.79	Small Computer Items
35399	Inspectorate America Corporation	1,517.33	Repair & Maintenance Materials and/or Services
35534	Internal Revenue Service	250.00	Judgements Payable
35535	Interstate Batteries of Cal Coast	97.75	Repair & Maintenance Materials and/or Services
35536	Intl. Union of Oper. Eng. AFL CIO Local	3,613.25	Union Dues
35400	Irvine Ranch Water District	72.59	Water Use
35609	Jacob J. Parsons	28.00	Petty Cash Reimbursement
35537	Jamison Engineering Contractors, Inc.	3,719.60	Professional Services/Contractor
35464	Jan West	6,884.66	Sewer User Fee Refund
35538	JL Group LLC	14,945.00	Professional Services/HR
35539	John J Preston	8,835.00	Professional Services/Risk Management
35540	Johnstone Supply	956.38	Repair & Maintenance Materials and/or Services
6036	Kemira Water Solutions, Inc.	116,602.73	Chemicals
35542	Kennedy/Jenks Consultants, Inc.	750.00	Professional Services/Engineering Design Services
35543	Koff & Associates, Inc.	1,240.00	Professional Services/Comp & Class Study
6037	Konica Minolta Business Solutions USA	65,600.00	Professional Services/I.T.
35401	La Habra Fence Company, Inc.	1,622.00	Repair & Maintenance Materials and/or Services
35476	Lee & Ro, Inc.	233,183.20	Professional Services/Engineering Design Services
35334	Lettis Consultants International, Inc.	67,008.75	Professional Services/Engineering Design Services
35402	Level 3 Communications LLC	2,229.89	Telecommunications
35544	Level 3 Communications LLC	2,201.38	Telecommunications
35545	Liebert Cassidy Whitmore	12,290.30	Professional Services/Legal

Warrant No.	Vendor	Amount	Description
35403	Lifecom Safety, Inc.	999.79	Repair & Maintenance Materials and/or Services
35546	Lifecom Safety, Inc.	628.64	Repair & Maintenance Materials and/or Services
35404	Magnolia Car Wash	292.91	Maintenance Agreement
35547	Main Electric Supply Co.	10,290.92	Repair & Maintenance Materials and/or Services
35548	Mallory Safety And Supply, LLC	12.16	Small Tools
35549	Mandic Motors	230.00	Repair & Maintenance Materials and/or Services
35405	Matheson Tri Gas, Inc.	2,492.47	Maintenance Agreement
35550	Maxim Security Systems	5,705.78	Safety, Security, Health Equipment, Supplies, and Services
35406	McMaster-Carr Supply Co.	2,019.53	Repair & Maintenance Materials and/or Services
35551	McMaster-Carr Supply Co.	9,998.45	Repair & Maintenance Materials and/or Services
35552	McMurray-Stern	1,500.00	Maintenance Agreement
35553	Megger	828.28	Small Tools
35407	Mettler-Toledo	5,884.59	Repair & Maintenance Materials and/or Services
35408	MiscoWater	218.61	Repair & Maintenance Materials and/or Services
35409	Monterey Bay Aquarium Research Institute	8,461.73	Professional Services/Ocean Monitoring Studies
35410	Motion Industries, Inc.	276.40	Repair & Maintenance Materials and/or Services
35411	MSA Safety Incorporated	5,220.29	Repair & Maintenance Materials and/or Services
35412	MSC Industrial Supply Co.	51.70	Repair & Maintenance Materials and/or Services
35413	MTM Recognition Corporation	288.88	Service Awards
35554	MTM Recognition Corporation	1,268.70	Service Awards
35414	Municipal Mgmt Assoc of So California	90.00	Professional Organizations Meeting/Training/Membership
35415	Mythics, Inc.	1,787.32	Software
35424	Neopost USA Inc.	8,105.98	Office Supplies
35555	New Haven Moving Equipment	1,377.23	Repair & Maintenance Materials and/or Services
35417	Ninyo & Moore	11,558.50	Professional Services/Engineering Design Services
35556	Northstar Chemical	5,012.78	Chemicals
6019	OCB Reprographics	622.04	Printing
6041	OCB Reprographics	8,482.99	Printing
35557	OCEA	675.18	Union Dues
35418	O'Connell Engineering & Construction, In	4,890.00	Repair & Maintenance Materials and/or Services
6027	Odyssey Power Corporation	2,880.00	Repair & Maintenance Materials and/or Services
6048	Odyssey Power Corporation	8,490.00	Repair & Maintenance Materials and/or Services
35558	OneSource Distributors, Inc.	729.08	Repair & Maintenance Materials and/or Services
35419	Orange County Scaffold, Inc.	770.00	Scaffold Rental
35559	Pagefreezer Software Inc.	6,576.00	Software
35560	Pape Material Handling, Inc.	1,656.00	Repair & Maintenance Materials and/or Services
35561	Parkhouse Tire, Inc.	3,460.06	Repair & Maintenance Materials and/or Services
35562	Payne and Fears, L.L.P.	90.00	Professional Services/Legal
35420	PCS Surface Delivery	389.95	Delivery Services
35477	Pencco, Inc.	169,748.26	Chemicals
35421	Performance Pipeline Technologies Inc.	20,197.50	Professional Services/CCTV Inspection/Sewerline Cleaning
35563	Performance Pipeline Technologies Inc.	4,347.50	Professional Services/CCTV Inspection/Sewerline Cleaning
35564	PL Hawn Company, Inc.	777.09	Maintenance Agreement

Warrant No.	Vendor	Amount	Description
35565	Polfit Wellness Inc.	2,705.00	Maintenance Agreement
35422	Politico LLC	8,634.00	Subscriptions
6038	Polydyne, Inc.	217,334.19	Chemicals
6028	Powerflo Products, Inc.	7,845.71	Repair & Maintenance Materials and/or Services
35566	Preferred Pool & Spa Service	240.00	Service Agreement
35461	Preston Brandon	13.49	Benefit Premium Refund
35567	Primrose Ice Co., Inc.	605.00	Ice Services
6049	Pro-Craft Construction, Inc.	8,180.02	Repair & Maintenance Materials and/or Services
35568	Pro-Rov Services, LLC	2,557.18	Ocean Monitoring
35423	Prudential Cleanroom Services	587.10	Uniforms
6029	Prudential Overall Supply	35.00	Uniforms
6050	Prudential Overall Supply	2,570.97	Uniforms
35569	Pumping Solutions	903.59	Repair & Maintenance Materials and/or Services
35570	Pure Process Filtration, Inc.	61.41	Miscellaneous Parts & Supplies
35571	Quinn Power Systems	1,500.00	Repair & Maintenance Materials and/or Services
35573	Red Wing Shoes	160.94	Safety Equipment
35425	ReportsNow, Inc.	7,370.40	Maintenance Agreement
6030	Restek Corp.	132.26	Laboratory Supplies and/or Services
35426	Rockwell Engineering & Equipment Co.	7,494.19	Repair & Maintenance Materials and/or Services
35521	Rogelio Geraldo	6.27	Petty Cash Reimbursement
35574	Safelite Fulfillment, Inc.	1,120.47	Repair & Maintenance Materials and/or Services
35575	Safety-Kleen	812.00	Waste Disposal
35576	Scientific Refrigeration	835.50	Repair & Maintenance Materials and/or Services
35427	Scientific Services Plus, LLC	1,760.00	Maintenance Agreement
35428	Scuba Duba Corporation	135.75	Vessel Services
6031	Shamrock Supply Co	1,081.49	Repair & Maintenance Materials and/or Services
35577	Shoeteria	836.30	Safety Equipment
35578	Siteone Landscape Supply, LLC	2,613.25	Repair & Maintenance Materials and/or Services
35429	Skalar, Inc.	13,205.00	Laboratory Supplies and/or Services
35430	SkillPath Seminars	938.00	Meeting/Training Registration
35478	SMS Pipeline Svcs dba Liberty Energy	47,861.88	Repair & Maintenance Materials and/or Services
35431	Snap On Industrial	1,002.77	Small Tools
35579	So. Cal Fitness Service	199.00	Repair & Maintenance Materials and/or Services
35580	So. Cal Gas Company	9,587.51	Utilities
35432	SoCal Compliance Services, Inc.	1,344.00	Repair & Maintenance Materials and/or Services
35581	So-Cal Sweeping	3,296.00	Maintenance Agreement
35433	South Coast Air Quality Management Distr	22,095.68	Fees & Charges
35467	South Coast Air Quality Management Distr	636.58	Fees & Charges
35434	Southern California Edison	36.29	Utilities
35435	Southern California News Group	611.45	Notices & Ads
35582	Southern California News Group	10,760.00	Notices & Ads
35479	Southern Counties Oil Co.	38,484.69	Repair & Maintenance Materials and/or Services
35583	Sparklett-Dallas	1,629.04	Miscellaneous Services

Warrant No.	Vendor	Amount	Description
35436	Sparling Instruments, Inc.	2,085.00	Repair & Maintenance Materials and/or Services
35437	SPEX Certiprep, Inc.	140.44	Laboratory Supplies and/or Services
35335	Stantec Consulting Services, Inc.	36,414.93	Professional Services/Engineering Design Services
35480	Stantec Consulting Services, Inc.	44,107.07	Professional Services/Engineering Design Services
35584	Staples	260.53	Office Supplies
6032	Summit Steel	5,148.10	Repair & Maintenance Materials and/or Services
6051	Summit Steel	377.54	Repair & Maintenance Materials and/or Services
35484	Supervisory & Professional Management Group - Affiliation with AFSCME	3,744.90	Union Dues
35438	Switch LTD	6,915.13	Equipment Rentals
35585	Tetra Tech, Inc.	23,041.97	Professional Services/Engineering Design Services
35336	Tevora Business Solutions, Inc.	28,175.00	Professional Services/I.T.
35586	The Bank of New York Mellon	2,574.10	Employee Benefits
35587	The Bank of New York Mellon	1,312.60	Quarterly Service Fee - Asset Administration
35439	The Walking Man, Inc.	675.00	Miscellaneous Services
35440	Theodore Robins Ford	154.37	Repair & Maintenance Materials and/or Services
35441	Thermo Electron North America	10,551.74	Repair & Maintenance Materials and/or Services
35588	Thomas Scientific, LLC	71.78	Laboratory Supplies and/or Services
35442	Tiano Construction	13,549.30	Repair & Maintenance Materials and/or Services
35443	Todd Painting, Inc.	8,377.00	Painting Services and Supplies
35589	Todd Painting, Inc.	4,885.00	Painting Services and Supplies
6052	Total Resource Management, Inc.	3,351.08	Professional Organizations Meeting/Training/Membership
35590	Townsend Public Affairs	6,000.00	Professional Services/State Legislative Advocacy
35444	Trademark Hoist & Crane	1,000.00	Repair & Maintenance Materials and/or Services
6033	Transcat	94.74	Repair & Maintenance Materials and/or Services
35445	Trico Corporation	1,296.16	Repair & Maintenance Materials and/or Services
35446	Tropical Plaza Nursery, Inc.	12,506.98	Groundskeeping
35591	Tropical Plaza Nursery, Inc.	8,351.08	Groundskeeping
35592	Truck & Auto Supply	10.11	Repair & Maintenance Materials and/or Services
35337	Tule Ranch/Magan Farms	152,061.75	Biosolids Management
35447	Tustin Lock & Safe	230.81	Repair & Maintenance Materials and/or Services
35449	U.S. Bank	8,686.33	Professional Banking Services
35448	Uline	568.14	Repair & Maintenance Materials and/or Services
35593	Uline	126.39	Repair & Maintenance Materials and/or Services
35594	United Parcel Service	366.34	Freight
35595	United Rentals, Inc.	8,904.87	Repair & Maintenance Materials and/or Services
35450	Universal Flow Monitors Inc.	357.99	Repair & Maintenance Materials and/or Services
35596	Universal Flow Monitors Inc.	4,457.65	Repair & Maintenance Materials and/or Services
35597	UPS Midstream Services, Inc.	242.94	Repair & Maintenance Materials and/or Services
35451	US Airconditioning Distributors, Inc.	284.27	Repair & Maintenance Materials and/or Services
35468	US Composting Council	850.00	Memberships
35338	USP Technologies	35,009.70	Chemicals
6034	Valin Corporation	3,100.68	Repair & Maintenance Materials and/or Services
6053	Valin Corporation	1,390.90	Repair & Maintenance Materials and/or Services

Warrant No.	Vendor		A	Amount	Description
35598	Vapex Products, Inc.			1,782.10	Repair & Maintenance Materials and/or Services
35452	Verizon Wireless			16,866.88	Telecommunications
35453	VWR Scientific Products			4,676.93	Laboratory Supplies and/or Services
35600	VWR Scientific Products			5,458.67	Laboratory Supplies and/or Services
35481	W.A. Rasic Construction			38,487.51	Repair & Maintenance Materials and/or Services
35454	Walters Wholesale Electric			14,453.82	Repair & Maintenance Materials and/or Services
35601	Walters Wholesale Electric			4,965.45	Repair & Maintenance Materials and/or Services
35455	Wastebuilt Environmental SOLUTIONS, LLC			392.10	Repair & Maintenance Materials and/or Services
35456	Waxie Sanitary Supply			780.59	Repair & Maintenance Materials and/or Services
35602	Waxie Sanitary Supply			70.81	Repair & Maintenance Materials and/or Services
35457	Wellington Laboratories LLC			1,900.00	Laboratory Supplies and/or Services
35603	West Coast Arborists, Inc.			1,820.00	Landscape Maintenance Services
35458	West Lite Supply Company, Inc.			88.08	Repair & Maintenance Materials and/or Services
35604	West Marine Products			281.44	Laboratory Supplies and/or Services
35605	Westair Gases & Equipment, Inc.			9,203.72	Repair & Maintenance Materials and/or Services
35339	Western EPG Products, Inc.			38,819.93	Repair & Maintenance Materials and/or Services
35459	WEX Inc.			13,361.32	Fuel & Lubricants
35460	Wilmington Instrument Co.			1,469.36	Repair & Maintenance Materials and/or Services
35606	Winzer Franchise Company			1,759.41	Small Tools
35607	Yorke Engineering, L.L.C.			1,503.75	Professional Services/Engineering
	Total Accounts Payable - Warrants		\$ 4	4,447,031.48	
Payroll Disbursements					
Employee Paychecks		67584	\$	524.63	Interim Payroll - IDEA Award (8/2/21)
Employee Paychecks		67585 - 67590		17,219.75	Biweekly Payroll (8/11/21)
Employee Paychecks		67591		250.00	Interim Payroll - ARBA (8/5/21)
Employee Paychecks		67592		3,986.81	Interim Payroll - Retire Reg Hrs (8/12/21)
Employee Paychecks		67593		26,450.11	Interim Payroll - Retire Accr Hrs (8/12/21)
Direct Deposit Statements		491806 - 492405		1,864,285.59	Biweekly Payroll (8/11/21)
	Total Payroll Disbursements		\$ 1	1,912,716.89	
Wire Transfer Payments					
	OCSD Payroll Taxes & Contributions		\$ 1	1,041,825.48	Biweekly Payroll (8/11/21)
	Banc of California			45,071.31	Workers' Compensation Services (8/5/21)
	Kiewit Infrastructure West., Co.		3	3,211,000.00	P1-105 / PP2 (8/5/21)
	Banc of California			3,590.06	Unsecured Property Taxes (8/6/21)
	Banc of California			900.00	Dept of Industrial Relations (8/13/21)
	Total Wire Transfer Payments		\$ 4	1,302,386.85	
	Total Claims Paid 8/1/21 - 8/15/21		\$ 10,	,662,135.22	

Warrant No.	Vendor	Amount	Description
Accounts Payable - Warrants			
35630	Absolute Standards, Inc.	1,640.50	Laboratory Supplies and/or Services
35631	Accurate Measurement Systems	250.76	Repair & Maintenance Materials and/or Services
35750	Accurate Measurement Systems	587.37	Repair & Maintenance Materials and/or Services
35751	Accusonic	4,946.79	Repair & Maintenance Materials and/or Services
35632	AccuStandard	116.72	Laboratory Supplies and/or Services
35752	Advanced Resoruces LLC	7,270.50	Temporary Services
35611	AECOM Technical Services, Inc.	141,405.90	Professional Services/Engineering Design Services
35753	AECOM Technical Services, Inc.	2,733.98	Professional Services/Engineering Design Services
35633	Airgas USA LLC	4,009.19	Laboratory Supplies and/or Services
35755	Airgas USA LLC	5,120.80	Laboratory Supplies and/or Services
6056	Airgas USA, LLC	5,691.92	Laboratory Supplies and/or Services
6072	Airgas USA, LLC	9,647.94	Laboratory Supplies and/or Services
35634	AJ Portables, Inc.	760.00	Portable Restroom Rental
35635	Alfa Laval Inc.	24,624.92	Repair & Maintenance Materials and/or Services
35756	Alfa Laval Inc.	1,777.86	Repair & Maintenance Materials and/or Services
35757	Alhambra Foundry Co., Ltd.	14,825.89	Repair & Maintenance Materials and/or Services
35636	Allied Electronics, Inc.	1,232.39	Repair & Maintenance Materials and/or Services
35637	Allied Refrigeration	2,392.06	Repair & Maintenance Materials and/or Services
35758	Allied Refrigeration	60.77	Repair & Maintenance Materials and/or Services
35612	Allied Universal Security Services	60,600.36	Safety, Security, Health Equipment, Supplies, and Services
35721	Allied Universal Security Services	77,349.13	Safety, Security, Health Equipment, Supplies, and Services
35638	Alston & Bird LLP	6,215.00	Professional Services/Legal
35639	Alta-Robbins, Inc.	134.33	Repair & Maintenance Materials and/or Services
35759	American Power Systems, LLC	1,660.85	Repair & Maintenance Materials and/or Services
6057	AppleOne Employment Service	970.36	Temporary Services
6073	AppleOne Employment Service	171.24	Temporary Services
35640	Applied Industrial Technology	378.64	Repair & Maintenance Materials and/or Services
35722	Arcadis U.S., Inc.	179,862.62	Professional Services/Engineering Design Services
35760	ARMA International	215.00	Memberships
35761	Arrowhead Evaluation Services, Inc.	2,125.00	Professional Services/HR
35762	AT & T Teleconference Services	0.13	Telecommunications
35763	Atlas Technical Consultants LLC	5,456.00	Professional Services/Engineering Design Services
35641	A-Z Golf Cart Specialists, Inc.	237.43	Repair & Maintenance Materials and/or Services
35642	Bay City Industrial Supply	5,872.74	Repair & Maintenance Materials and/or Services
35764	Bay City Industrial Supply	4,581.96	Repair & Maintenance Materials and/or Services
35765	BEC Building Electronic Controls, Inc	780.75	Repair & Maintenance Materials and/or Services
35613	Black & Veatch Corporation	29,826.17	Professional Services/Engineering Design Services
35643	Blais & Associates, Inc.	157.50	Professional Services/Grants
35614	Bluewater Learning, Inc.	26,500.00	Professional Services/Software
35766	Bluewater Learning, Inc.	2,120.00	Professional Services/Software
35644	Bragg Crane Service	4,870.70	Repair & Maintenance Materials and/or Services
35767	Brenntag Pacific, Inc.	16,950.01	Chemicals

Warrant No.	Vendor	Amount	Description
35693	Brian D. Terrell	7.84	Petty Cash Reimbursement
35615	Brown & Caldwell	121,605.96	Professional Services/Engineering Design Services
35723	Brown & Caldwell	721,201.95	Professional Services/Engineering Design Services
35769	California Recreation Company	5,743.08	Vessel Services
35616	Carollo Engineers	58,320.95	Professional Services/Engineering Design Services
35724	Carollo Engineers	137,685.44	Professional Services/Engineering Design Services
35617	CDM Smith, Inc.	119,010.64	Professional Services/Engineering Design Services
35727	CED	34,733.01	Repair & Maintenance Materials and/or Services
35770	Charles P. Crowley Co.	22,237.08	Repair & Maintenance Materials and/or Services
35645	Chem Search	359.83	Repair & Maintenance Materials and/or Services
35771	Chem Search	359.76	Repair & Maintenance Materials and/or Services
6060	Cintas Corporation	2,622.64	Safety Equipment
6059	Cintas Fire Protection	744.00	Meeting/Training Registration
35725	City of Fountain Valley	165,514.54	Water Use
35805	City of Huntington Beach	653.74	Water Use
35828	City of Newport Beach	67.76	Water Use
35855	City of Seal Beach	1,526.00	Water Use
35646	Clean Energy	2,603.45	Repair & Maintenance Materials and/or Services
35647	Clean Harbors Environmental Services	1,835.12	Waste Disposal
35726	Clean Harbors Environmental Services	43,210.80	Waste Disposal
35648	Conduent HR Services LLC	45.00	Insurance
35649	Consumers Pipe & Supply Co	4,001.03	Repair & Maintenance Materials and/or Services
35772	Consumers Pipe & Supply Co	4,506.66	Repair & Maintenance Materials and/or Services
35650	Controlled Motion Solutions	1,800.65	Repair & Maintenance Materials and/or Services
35773	Controlled Motion Solutions	485.72	Repair & Maintenance Materials and/or Services
35775	CORRPRO Companies, Inc.	24,167.30	Professional Services/Temporary Services
35651	Cortech Engineering	15,793.56	Repair & Maintenance Materials and/or Services
35728	Cortech Engineering	94,735.19	Repair & Maintenance Materials and/or Services
35837	County of Orange - Auditor-Controller	14,607.64	Professional Service - Biosolids Management
35718	County of Orange Assessor	2,994.80	Fees & Charges
35768	Court Order	4,658.20	Judgements Payable
35846	Court Order	108.00	Judgements Payable
35818	Court Order	1,661.54	Judgements Payable
35652	CR&R, Inc.	1,505.76	Trash Removal
35777	CR&R, Inc.	1,564.12	Trash Removal
35778	CS-AMSCO	1,533.77	Repair & Maintenance Materials and/or Services
35890	CWEA Membership	204.00	Memberships
35729	Denali Water Solutions LLC	49,817.93	Biosolids Management
6061	Detection Instruments Corporation	344.95	Maintenance Agreement
35779	Diamond Environmental Services	2,555.51	Sanitation Services for GWRS Event
35780	Dresser-Rand	62.67	Repair & Maintenance Materials and/or Services
35653	Electrabond	5,730.95	Repair & Maintenance Materials and/or Services
35781	Employee Benefits Specialists, Inc.	10,340.64	Reimbursed Prepaid Employee Medical & Dependent Care

Warrant No.	Vendor	Amount	Description
35782	Employment Development Department	5,328.74	Unemployment Insurance
35719	Engineering News Record	96.00	Books & Publications
35783	Environmental Water Solutions, Inc.	8,955.14	Repair & Maintenance Materials and/or Services
35717	Eros Yong	217.87	Staff Appreciation Reimbursement
6062	Excel Door & Gate Co., Inc.	5,332.47	Repair & Maintenance Materials and/or Services
35654	Excelsior Elevator Corporation	1,245.00	Service Agreement
35784	Experis US Inc.	1,193.20	Professional Services/Temporary Services
35655	FedEx	26.26	Freight
35774	First American Corelogic	514.50	Maintenance Agreement
35656	Fisher Scientific Company	1,543.04	Laboratory Supplies and/or Services
35785	Fisher Scientific Company	3,512.46	Laboratory Supplies and/or Services
35657	FLW, Inc.	343.19	Repair & Maintenance Materials and/or Services
35658	Fountain Valley Paints	532.51	Painting Supplies
35786	Franchise Tax Board	100.00	Judgements Payable
35659	Frontier	2,271.47	Telecommunications
35787	Frontier	3,143.20	Telecommunications
36050	Frontier	945.60	Telecommunications
35788	Galco Industrial Electronics	2,477.88	Repair & Maintenance Materials and/or Services
35789	Gardner Denver Nash LLC	133.75	Repair & Maintenance Materials and/or Services
35790	Garland Manufacturing Co.	14,517.60	Repair & Maintenance Materials and/or Services
35660	Garratt Callahan Company	9,212.16	Chemicals
35791	Garratt Callahan Company	174.30	Chemicals
35661	GEA Mechanical Equipment US, Inc.	272.09	Repair & Maintenance Materials and/or Services
35731	GEA Mechanical Equipment US, Inc.	32,414.19	Repair & Maintenance Materials and/or Services
35662	Geotab USA, Inc.	3,653.75	Service Agreement
35663	Global Industrial Equipment	1,556.19	Safety Equipment
35792	Global Industrial Equipment	4,821.91	Safety Equipment
35664	Golden State Overnight Delivery Service	8.62	Delivery Services
35793	Golden State Overnight Delivery Service	49.22	Delivery Services
35665	Golden West Window Service	1,552.00	Repair & Maintenance Materials and/or Services
35794	Golden West Window Service	1,920.00	Repair & Maintenance Materials and/or Services
35667	Grainger, Inc.	8,461.55	Repair & Maintenance Materials and/or Services
35795	Grainger, Inc.	14,377.05	Repair & Maintenance Materials and/or Services
35668	Graybar Electric Company	723.43	Repair & Maintenance Materials and/or Services
35796	Graybar Electric Company	21,621.99	Repair & Maintenance Materials and/or Services
35797	GRM Information Management Services	1,855.97	Records Management Services
35669	Haaker Equipment Company	8,886.78	Repair & Maintenance Materials and/or Services
35798	Haaker Equipment Company	12,138.98	Repair & Maintenance Materials and/or Services
35670	Hach Company	19,982.66	Laboratory Supplies and/or Services
35799	Hach Company	2,613.31	Laboratory Supplies and/or Services
35671	Halco Testing Services	2,800.00	Repair & Maintenance Materials and/or Services
35800	Hampton Tedder Technical Services, Inc.	23,616.25	Maintenance Agreement
35672	Harrington Industrial	3,910.72	Repair & Maintenance Materials and/or Services

Warrant No.	Vendor	Amount	Description
35801	Harrington Industrial	1,475.36	Repair & Maintenance Materials and/or Services
35802	Haulaway Storage Containers, Inc.	84.00	Repair & Maintenance Materials and/or Services
6063	HB Staffing	1,692.80	Professional Services/Temporary Services
6074	HB Staffing	3,178.00	Professional Services/Temporary Services
35618	HDR Engineering, Inc.	31,922.37	Professional Services/Engineering Design Services
6054	Hill Brothers	85,799.01	Chemicals
6069	Hill Brothers	71,119.16	Chemicals
35673	Home Depot	25.70	Repair & Maintenance Materials and/or Services
35803	Home Depot	498.46	Repair & Maintenance Materials and/or Services
35804	Hopkins Technical Products	3,338.71	Repair & Maintenance Materials and/or Services
35619	Houston & Harris Pcs, Inc.	31,779.33	Repair & Maintenance Materials and/or Services
6064	Hub Auto Supply	134.68	Repair & Maintenance Materials and/or Services
6075	Hub Auto Supply	164.49	Repair & Maintenance Materials and/or Services
35806	Icon Management Systems	13,337.63	Repair & Maintenance Materials and/or Services
35807	ID Enhancements, Inc.	2,611.65	Safety, Security, Health Equipment, Supplies, and Services
35808	Industrial Metal Supply	510.66	Repair & Maintenance Materials and/or Services
6076	Industrial Threaded Products	61.34	Repair & Maintenance Materials and/or Services
35809	Ingersoll Rand Co.	10,662.23	Miscellaneous Parts & Supplies
35732	Inland Empire Reg. Composting Authority	48,610.80	Professional Services/Biosolids Management
35810	Innovasea	488.30	Ocean Monitoring
35811	Innovative Construction Solutions	19,502.55	Construction
35812	Inspectorate America Corporation	1,016.33	Repair & Maintenance Materials and/or Services
35813	Internal Revenue Service	250.00	Judgements Payable
35814	Interstate Batteries of Cal Coast	463.74	Repair & Maintenance Materials and/or Services
35815	Intl. Union of Oper. Eng. AFL CIO Local	3,589.00	Union Dues
35733	ISE Metal Inc.	28,502.05	Repair & Maintenance Materials and/or Services
35734	J R Filanc Construction	78,567.95	Construction
35735	Jacobs Project Management Co.	447,278.92	Professional Services/Temporary Services
35816	Jamison Engineering Contractors, Inc.	24,876.12	Professional Services/Contractor
35817	Jensen Instrument Co.	274.02	Repair & Maintenance Materials and/or Services
35715	Joseph Manzella	13.99	Lab Supplies Reimbursement
35736	JP Morgan Chase Bank, NA	35,860.58	Purchasing Card Program for Miscellaneous Parts and Supplies
6070	Kemira Water Solutions, Inc.	111,475.16	Chemicals
35684	Kevin Peek	49.73	Petty Cash Reimbursement
35621	Lee & Ro, Inc.	77,453.31	Professional Services/Engineering Design Services
35819	Lexis-Nexis	125.00	Professional Services/Legal
35737	Liberty Composting, Inc.	176,384.00	Biosolids Management
35674	Liberty Mutual insurance Company	520.76	Insurance
35820	Macias Gini & O'Connell LLC	6,111.00	Professional Services/Financial Auditing
35821	Mail Dispatch, LLC	454.00	Mail Delivery Service
35675	Main Electric Supply Co.	17,365.04	Repair & Maintenance Materials and/or Services
35676	Mallory Safety And Supply, LLC	10.95	Small Tools
35677	Marine & Industrial Hydraulics, Inc.	2,852.28	Repair & Maintenance Materials and/or Services

Warrant No.	Vendor	Amount	Description
35678	Matheson Tri Gas, Inc.	221.25	Maintenance Agreement
35679	Maxim Security Systems	820.51	Safety, Security, Health Equipment, Supplies, and Services
35680	McMaster-Carr Supply Co.	647.26	Repair & Maintenance Materials and/or Services
35822	McMaster-Carr Supply Co.	6,589.41	Repair & Maintenance Materials and/or Services
35747	Mehta Mechanical Company	37,287.50	Construction
35823	Mettler-Toledo Rainin, LLC	19,197.60	Repair & Maintenance Materials and/or Services
35622	MiscoWater	63,152.65	Repair & Maintenance Materials and/or Services
35824	MiscoWater	2,461.10	Repair & Maintenance Materials and/or Services
35825	Motion Industries, Inc.	322.43	Repair & Maintenance Materials and/or Services
35681	MSA Safety Incorporated	9,832.72	Repair & Maintenance Materials and/or Services
35826	MSC Industrial Supply Co.	51.70	Repair & Maintenance Materials and/or Services
35738	Municipal Water District of O.C.	51,029.00	Memberships
35626	Myers & Sons Construction, LLC	61,750.00	Construction
35686	Neopost USA Inc.	126.86	Office Supplies
35827	New Haven Moving Equipment	190.99	Repair & Maintenance Materials and/or Services
35829	Next Level Fire & Safety Inc.	450.00	Service Agreement
35830	Nickell Metal Spray	1,714.75	Repair & Maintenance Materials and/or Services
35831	Noren Thermal Solutions	6,834.12	Repair & Maintenance Materials and/or Services
35745	Nursery Products LLC	363,343.46	Biosolids Management
6058	OCB Reprographics	575.79	Printing
35832	OCEA	644.49	Union Dues
35833	OCECO INC	187.40	Repair & Maintenance Materials and/or Services
35629	O'Connell Engineering & Construction, In	34,573.20	Construction
35682	O'Connell Engineering & Construction, In	8,430.00	Repair & Maintenance Materials and/or Services
35834	Office Depot	4,002.85	Office Supplies
35627	OHL USA, Inc.	146,727.50	Construction
35623	Olin Corporation	63,880.49	Chemicals
35835	Omega Industrial Supply, Inc.	2,552.67	Repair & Maintenance Materials and/or Services
35683	OneSource Distributors, Inc.	124.94	Repair & Maintenance Materials and/or Services
35836	OneSource Distributors, Inc.	2,876.77	Repair & Maintenance Materials and/or Services
6077	Orange County Auto Parts	4,452.27	Repair & Maintenance Materials and/or Services
35776	Orange County Health Care Agency	3,059.00	Fees & Charges
35739	Ovivo USA, LLC	58,281.48	Repair & Maintenance Materials and/or Services
6078	Pacific Mechanical Supply	24,436.10	Repair & Maintenance Materials and/or Services
35838	Pape Material Handling, Inc.	111.50	Repair & Maintenance Materials and/or Services
35839	Parker Supply Co.	5,123.52	Miscellaneous Parts & Supplies
35840	Parkhouse Tire, Inc.	496.20	Repair & Maintenance Materials and/or Services
35841	PdMA Corporation	9,750.94	Repair & Maintenance Materials and/or Services
35685	Peerless Materials Co.	995.06	Repair & Maintenance Materials and/or Services
35842	PL Hawn Company, Inc.	1,677.27	Maintenance Agreement
35740	PMWeb, Inc.	83,666.67	Professional Services
6055	Polydyne, Inc.	87,665.55	Chemicals
6065	Powerflo Products, Inc.	7,495.88	Repair & Maintenance Materials and/or Services

Warrant No.	Vendor	Amount	Description
6071	Powerflo Products, Inc.	32,528.44	Repair & Maintenance Materials and/or Services
35843	Preferred Pool & Spa Service	744.00	Service Agreement
6079	Pro-Craft Construction, Inc.	1,337.58	Repair & Maintenance Materials and/or Services
35620	Prominent Systems, Inc.	41,919.20	Chemicals
6080	Prudential Overall Supply	7,421.44	Uniforms
35844	Pump Action	4,203.93	Repair & Maintenance Materials and/or Services
35845	Pure Process Filtration, Inc.	2,745.81	Miscellaneous Parts & Supplies
35847	Rainbow Disposal Co.	4,047.84	Waste Disposal
35848	Red Wing Shoes	643.94	Safety Equipment
35720	Regents of The Univ. of CA at Irvine	300.00	Special Project Studies
6081	Restek Corp.	1,377.38	Laboratory Supplies and/or Services
35849	RKI Instruments, Inc.	2,787.85	Repair & Maintenance Materials and/or Services
35716	Robert M. Whitney	185.00	Membership Reimbursement
35850	Russell Sigler, Inc.	454.92	Repair & Maintenance Materials and/or Services
35851	Safe Entry Tecnical, Inc.	1,286.97	Repair & Maintenance Materials and/or Services
35687	Safelite Fulfillment, Inc.	473.58	Repair & Maintenance Materials and/or Services
35852	Safelite Fulfillment, Inc.	446.64	Repair & Maintenance Materials and/or Services
35688	San Diego/Orange Fluid System Technologi	829.70	Repair & Maintenance Materials and/or Services
35853	San Diego/Orange Fluid System Technologi	3,292.60	Repair & Maintenance Materials and/or Services
35741	Schweitzer Engineering Laboratories Inc	175,372.00	Professional Services/Engineering Design Services
35689	Schwing Bioset	11,985.00	Repair & Maintenance Materials and/or Services
35854	Schwing Bioset	4,429.60	Repair & Maintenance Materials and/or Services
35856	Sewer Equipment Company of America	229.23	Repair & Maintenance Materials and/or Services
6066	Shamrock Supply Co	1,488.60	Repair & Maintenance Materials and/or Services
6082	Shamrock Supply Co	13,104.97	Repair & Maintenance Materials and/or Services
35748	Shimmick Construction Co., Inc.	59,443.30	Construction
35749	Shimmick Construction Co., Inc.	680,341.05	Construction
35857	Siemens Industry	3,723.60	Meeting/Training Registration
35858	Sigma-Aldrich Rtc, Inc.	692.98	Repair & Maintenance Materials and/or Services
35859	Signs By Tomorrow	697.25	Repair & Maintenance Materials and/or Services
35860	Siteimprove, Inc.	4,869.54	Professional Services
35861	Sitmatic	3,610.60	Office Equipment
35862	Skalar, Inc.	2,628.49	Laboratory Supplies and/or Services
35863	SMS Pipeline Svcs dba Liberty Energy	1,950.00	Repair & Maintenance Materials and/or Services
35690	Snap On Industrial	2,533.28	Small Tools
35864	Snap On Industrial	14,478.98	Small Tools
35865	So. Cal Fitness Service	199.00	Repair & Maintenance Materials and/or Services
35742	So. Cal Gas Company	35,243.49	Utilities
35691	Source One Office Products	139.15	Office Furniture
35866	Source One Office Products	92.76	Office Furniture
35743	Southern California Edison	605,222.48	Utilities
35744	Southern California Edison	144,442.22	Utilities
35867	Southern California Salinity Coalition	10,000.00	Professional Organizations Meeting/Training/Membership

Warrant No.	Vendor	Amount	Description
35868	Southwest Valve & Equipment	18,066.28	Repair & Maintenance Materials and/or Services
35869	Sparklett-Dallas	2,368.80	Miscellaneous Services
35870	Specialty Machining & Fab, Inc.	3,500.00	Pump Machining & Fabrication
35871	Spectro Scientific, Inc.	1,505.10	Repair & Maintenance Materials and/or Services
35872	Staples	1,825.19	Office Supplies
35873	Suez WTS Services USA, Inc.	634.03	Repair & Maintenance Materials and/or Services
6083	Summit Steel	1,939.83	Repair & Maintenance Materials and/or Services
35754	Supervisory & Professional Management Group - Affiliation with AFSCME	3,744.90	Union Dues
35692	TCH Associates	1,894.05	Laboratory Supplies and/or Services
35628	Teichert Energy & Utility Group	218,666.25	Construction
35874	The Bank of New York Mellon	1,399.10	Employee Benefits
35694	Tiano Construction	6,693.39	Repair & Maintenance Materials and/or Services
35875	Time Warner Communications	86.04	Utilities
35876	Toshiba Business Solutions USA Inc.	1,750.96	Printing
6067	Total Resource Management, Inc.	13,607.12	Professional Organizations Meeting/Training/Membership
35624	Trademark Hoist & Crane	84,682.95	Repair & Maintenance Materials and/or Services
35877	Trane U.S. Inc	323.06	Repair & Maintenance Materials and/or Services
6084	Transcat	95.62	Repair & Maintenance Materials and/or Services
35695	Trico Corporation	808.06	Repair & Maintenance Materials and/or Services
35696	Tropical Plaza Nursery, Inc.	178.09	Groundskeeping
35625	Tule Ranch/Magan Farms	191,228.91	Biosolids Management
35697	Tustin Lock & Safe	468.36	Repair & Maintenance Materials and/or Services
35878	Tustin Lock & Safe	500.18	Repair & Maintenance Materials and/or Services
35698	Uline	482.91	Repair & Maintenance Materials and/or Services
35879	Uline	220.90	Repair & Maintenance Materials and/or Services
35699	Underground Service Alert of So. Calif	1,674.93	Professional Services
35700	United Parcel Service	2,373.14	Freight
35701	United Power Service, Inc.	244.00	Repair & Maintenance Materials and/or Services
35880	UPS Midstream Services, Inc.	4,888.09	Repair & Maintenance Materials and/or Services
6068	Valin Corporation	3,914.78	Repair & Maintenance Materials and/or Services
6085	Valin Corporation	162.91	Repair & Maintenance Materials and/or Services
6086	Vaughan's Industrial Repair	2,953.43	Repair & Maintenance Materials and/or Services
35881	Verizon	12,515.83	Telecommunications
35666	Victor Gonzalez	72.80	Petty Cash Reimbursement
35702	Voyager Fleet Systems	3,518.30	Fuel & Lubricants
35703	VWR Scientific Products	2,062.14	Laboratory Supplies and/or Services
35882	VWR Scientific Products	4,116.82	Laboratory Supplies and/or Services
35704	Walters Wholesale Electric	1,070.13	Repair & Maintenance Materials and/or Services
35883	Walters Wholesale Electric	89.07	Repair & Maintenance Materials and/or Services
35705	Water Environment Federation	599.00	Memberships
35884	Waterline Technologies Inc.	1,880.50	Repair & Maintenance Materials and/or Services
35706	Waxie Sanitary Supply	571.89	Repair & Maintenance Materials and/or Services
35885	Waxie Sanitary Supply	112.50	Repair & Maintenance Materials and/or Services

Warrant No.	Vendor		Amount	Description
35886	West Coast Industries		928.6	Repair & Maintenance Materials and/or Services
35707	West Lite Supply Company, Inc.		18.9	Repair & Maintenance Materials and/or Services
35887	Westair Gases & Equipment, Inc.		9,185.1	Repair & Maintenance Materials and/or Services
35888	Western Water Works Supply Co.		1,592.7	
35708	Wilmington Instrument Co.		2,991.9	Repair & Maintenance Materials and/or Services
35709	Woodard & Curran, Inc.		16,526.6	Professional Services/Engineering Design Services
35746	Woodruff Spradlin & Smart		174,129.0	Professional Services/Legal
35710	Work Boot Warehouse		225.0	Safety Equipment
35711	Xyon Business Solutions, Inc.		206.2	5 Software
35712	Yorba Linda Water District		139.9	Water Use
35713	YRC Freight		751.7	B Freight
35889	Zapp Pest Management		795.0	Maintenance Agreement
35714	Zymo Research Corp.		10,270.0	Laboratory Supplies and/or Services
	Total Accounts Payable - Warrants		\$ 7,787,952.1	
Payroll Disbursements Employee Paychecks Employee Paychecks Employee Paychecks Employee Paychecks Employee Paychecks Employee Paychecks Direct Deposit Statements Direct Deposit Statements	Total Payroll Disbursements	67594 - 67605 67606 67607 67608 67609 67610 67630 - 67633 492406 - 493027	\$ 21,381.2\\ 339.7\\ 803.7\\ 962.7\\ 2,197.2\\ 8,958.0\\ 699.5\\ 1,885,722.7\\ \$ 1,921,064.9\\	Interim Payroll - Intern Term (8/19/21) Interim Payroll - OCERS Adj (8/24/21) Interim Payroll - Retire Accrl Hrs (8/19/21) Interim Payroll - Retire Reg Hrs (8/26/21) Interim Payroll - Retire Accrl Hrs (8/26/21) Interim Payroll - IDEA Award (8/31/21) Biweekly Payroll (8/25/21)
Wire Transfer Payments				
	OCSD Payroll Taxes & Contributions		\$ 36,709.7	` '
	OCSD Payroll Taxes & Contributions		1,038,620.4	
	OCSD Payroll Taxes & Contributions		22,600.0	` '
	Banc of California		847.5	, ,
	Banc of California		997,226.78	
	Banc of California		2,194.6	_ ` ` ` ` ` ` ′
	Total Wire Transfer Payments		\$ 2,098,199.06	=
	Total Claims Paid 8/16/21 - 8/31/21		\$ 11,807,216.1	 i_ =