

Notice of Preparation and Public Scoping Meeting

To: All Interested Persons and Agencies/ Riverside County Clerk / Imperial County Clerk

Subject: Notice of Preparation of a Draft Program Environmental Impact Report for the Coachella Valley Water District Sanitation Master Plan Update 2020

Lead Agency

Agency Name: Coachella Valley Water District
Mailing Address: 75-515 Hovley Lane East
City/State/Zip: Palm Desert, California 92211
Contact: William Patterson
Environmental Supervisor
(760) 398-2651
WPatterson@cvwd.org

Consulting Firm

Agency Name: ECorp Consulting, Inc.
Mailing Address: 215 North 5th Street
City/State/Zip: Redlands, CA 92374
Contact: Freddie Olmos
Project Manager
(909) 307-0046
folmos@ecorpconsulting.com

The Coachella Valley Water District (CVWD or District) is the Lead Agency and will prepare a Program Environmental Impact Report (PEIR) for the CVWD Sanitation Master Plan Update 2020 (Proposed Project) in compliance with the California Environmental Quality Act (CEQA). CVWD is requesting your comment and information, or your agency's view, as to the scope and content of the environmental information to be included in the PEIR. CVWD will accept written comments regarding the public scoping of the PEIR during the mandated 30-day review period from September 13 to October 12, 2019. Written comments can be mailed, emailed, or hand-delivered to CVWD's contact person identified above.

An open-house style **public scoping meeting** is scheduled on September 24, 2019 from 5:30 p.m. to 6:30 p.m. The meeting will be held in CVWD's Steve Robbins Administrative Building located at 75-515 Hovley Lane East in Palm Desert.

The PEIR will analyze environmental resource topics such as: aesthetics, energy, wildfire, agriculture, air quality, biological resources, cultural resources, tribal cultural resources, geology and soils, greenhouse gas emissions, hydrology and water quality, land use and planning, noise, population and housing, transportation/traffic, utilities and service systems, project alternatives, and other mandated topics. Responses received to this NOP may modify or add to the preliminary assessment of potential issues addressed in the PEIR.

Due to the time limits mandated by State law, your response must be sent at the earliest possible date ***but not later than 30 days*** after receipt of this notice. The response deadline is **October 12, 2019**. Please send your written comment to William Patterson at the address shown above. We will need the name for a contact person in your agency.

Project Title: Coachella Valley Water District Sanitation Master Plan Update 2020

Project Location: Within the CVWD service area, including cities and unincorporated areas of Riverside County and Imperial County

Background: The CVWD provides services for water, wastewater, recycled water, irrigation/drainage, regional stormwater protection and groundwater management to the Coachella Valley. The Sanitation Division specifically provides wastewater collection and treatment services. To provide these services, the District owns and operates a large collection system and five water reclamation plants (WRPs): 1, 2, 4, 7, and 10. The CVWD sanitary collection sewer system includes more than 1,130 miles of sanitary sewer pipeline, which are comprised of approximately 1,060 miles of gravity pipelines and 70 miles of force mains.

Located in the Coachella Valley in Southern California, the District's service area is approximately 130 miles east of Los Angeles and 140 miles northeast of San Diego. The District is responsible for wastewater service to a service area encompassing approximately 885 square miles of land, primarily designated as residential, commercial, and industrial land uses. The topography of the service area is valley-centered, with a mild slope generally following the Coachella Valley Stormwater Channel (also known as the Whitewater River) which bisects the Coachella Valley as it flows from the west to the east/southeast, discharging to the Salton Sea. The Salton Sea generally forms the southern boundary of CVWD, with the Chocolate Mountains on the east, and the Santa Rosa Mountains on the west. The southern tip of the San Bernardino Mountains forms the northern extent of the service area (Figure 1).

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County of Riverside
Peter Aldana
Assessor-County Clerk-Recorder

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Reference: California Code of Regulations, Title 14, (CEQA Guideline)

1 of 4

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In 2009 the CVWD prepared its first sewer collection system master planning study (the 2009 Sanitation System Master Plan), developed in the context of the strong economic cycle and exceptional development boom of the preceding period. The population was projected to increase by nearly 250 percent from 211,400 in 2005 to 523,800 by 2030. The 2009 Sanitation System Master Plan (2009 Sanitation Master Plan) studied the following: wastewater flow projections, wastewater load projections, reliability/redundancy criteria, biosolids management, water reclamation plant evaluations, collection system, and the capital improvement program. The plan was based on a robust housing development outlook in 2007. The resulting approach of the master plan was therefore focused on growth and capacity expansion of the sanitation system. The subsequent housing market collapse, economic recession, and prolonged drought dampened growth in the region and the growth predicted in the 2009 Sanitation Master Plan did not materialize. The service area population is up only modestly from the prior study period, estimated to be approximately 212,000. As prefaced in the 2009 Sanitation Master Plan, should the realization of growth deviate from the assumptions, CVWD would update or revise the plan accordingly.

Project Description: This Proposed Project provides a comprehensive capital improvement program (CIP) consisting of recommendations to refurbish existing assets, optimize operations, and satisfy projected capacity needs of all sanitation facilities (collection system including gravity pipelines, force mains, lift stations, and the five water reclamation plants [WRPs]) in a phased program to be implemented in five-year implementation phases between 2020 to 2045.

The purpose of the Proposed Project is to plan the expansion and upgrades of the CVWD sanitation system within the boundaries of CVWD for a planning period of 25 years in order to provide sustainable, cost-effective service to CVWD's current and future customers. The Sanitation Master Plan Update:

- Adjusts the actual-population-to-date accounting for the slowdown in growth that occurred post 2007
- Updates the flow and loading projections to the WRPs and evaluates capacity
- Collects operational and water quality data and Biowin models each WRP to identify loading capacity and opportunities for process improvements
- Updates the system and pump station hydraulic modeling and evaluates capacity
- Addresses current regulatory requirements and addresses potential future regulatory orders for nutrient and salinity controls of discharges to receiving waters and infiltration basins
- Provides marketing options and a strategy for implementing a recycled water program at WRP 4
- Provides condition-based horizontal and vertical asset replacement projects for the collection system and WRPs
- Updates the biosolids management plan and describes potential legislative changes and implications for CVWD
- Baselines performance of the WRPs and proposes improvements to optimize process operations and reduce energy and operational & maintenance cost
- Presents a plan for CVWD to be able to convert septic-to-sewer areas to CVWD's centralized system as grant funding opportunities materialize

The proposed **Collection System** improvements include adding approximately 174 miles of gravity and force main pipelines to increase system capacity, upsizing of gravity pipelines, cleaning and inspecting pipelines, trenchless rehabilitation of pipelines and manholes, replacement of electrical equipment and wiring at lift stations, replacement of lift stations, and a new non-potable distribution system in the service area.

The proposed improvements at the **Water Reclamation Plants** include plant and process equipment capacity upgrades/expansion, replacement of assets, addition of process monitoring and controls, improvements to reduce energy consumptions, safety and security upgrades, addition of solar power, backup power generation, floating covers, addition of tanks and reservoirs, primary treatment and tertiary treatment, replacement of liners, and pilot projects. The Proposed Project also includes biosolids management plans for a regional facility, and standardization of Operations and Maintenance improvements across all WRPs.

The Proposed Project drivers include:

- **Asset management** – sustainable reinvestment in public infrastructure
- **Capacity and regulatory** – build or adapt infrastructure to meet predicted growth and anticipated permit requirement
- **Level of service** – deliver customer-focused, cost effective service through improved operational strategies, automation, and expansion of economical, beneficial reuse (recycled water and biosolids)

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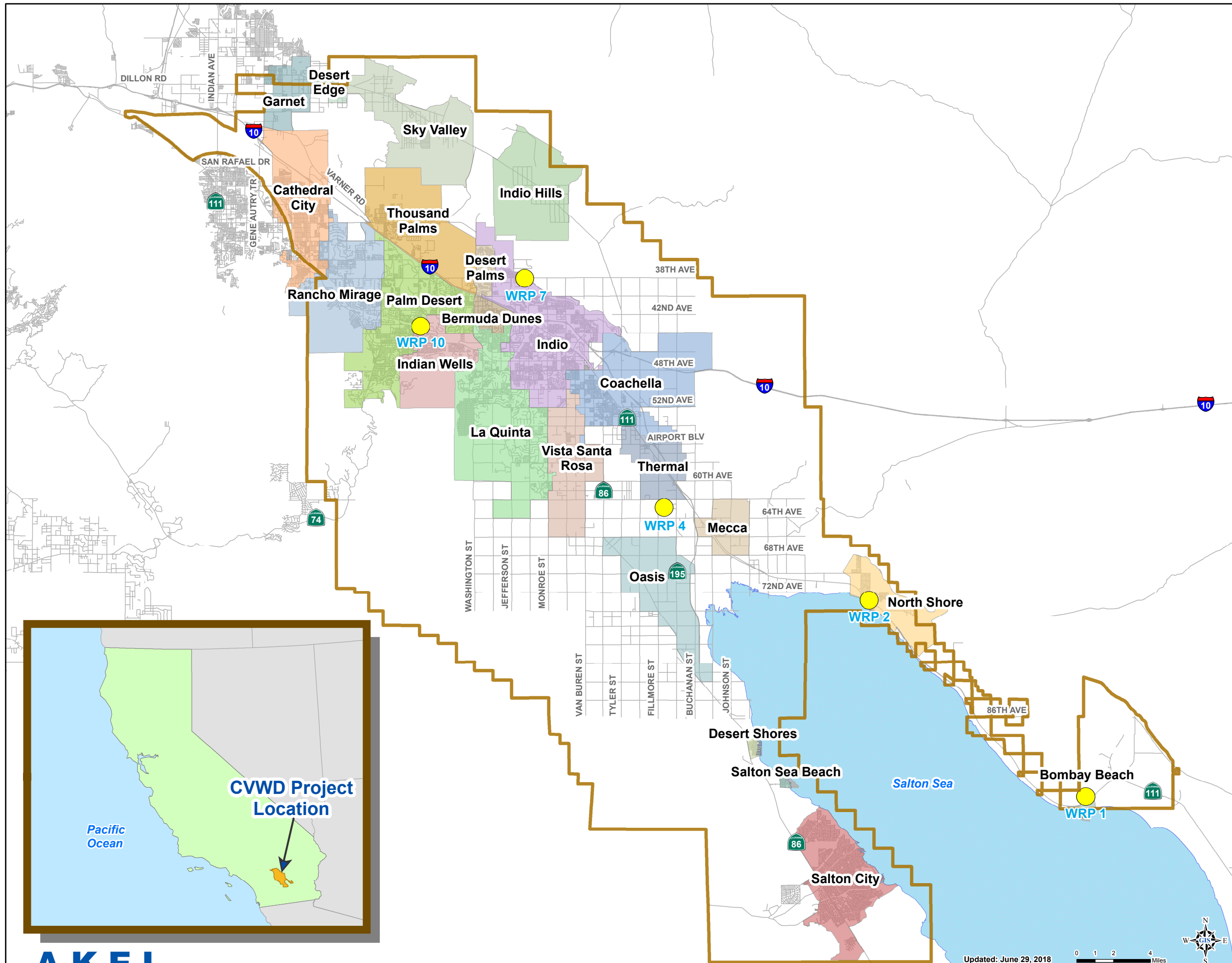
The levels of service goals are intended to achieve improvements that will result in cost-effective service and customer-focused service. The Proposed Project goals include:

- **Improve Water Quality Performance** – Reduce/eliminate the potential for sanitary sewer overflows (SSOs) and upsets within the plant process.
- **Improve Treatment Plant Process and Efficiency** – Achieve optimal operation of the treatment processes where equipment is operating near best efficiency, and process performance is as expected.
- **Maximize Beneficial Reuse** – Increase water recycling and biosolids reuse through expanding the water recycling market, and alternative option for biosolids reuse rather than disposal.
- **Minimize the Impacts to Operations and Maintenance** – Reduce maintenance and operational needs that overstretch the staff by looking at replacing problematic equipment, remote monitoring and controls to check and clear alarms, improvements to the process that will addresses the causes of alarm conditions, frequent checks and fixes.

The Draft CVWD Sanitation Master Plan Update 2020 is organized into the following four volumes:

- **Volume 1 – General:** includes general information about the CVWD sanitation facilities, including background information, existing service area descriptions, historical flow and loading evaluation and projected flow and loading by service area, level of service, energy audits, and regulatory setting.
- **Volume 2 – Collection System:** includes collection system Geographic Information System (GIS) updates, hydraulic modeling, focused risk assessment of sanitation infrastructure in the vicinity of the Coachella Valley Storm Channel and Coachella Canal, and hydraulic capacity assessments to identify projects and recommend capital improvements for the collection system
- **Volume 3 – Water Reclamation Plants:** includes plant benchmarking, process evaluations, and application of projected flow and loading criteria and anticipated regulatory framework to identify projects and recommend capital improvements for the five WRPs.
- **Volume 4 – Capital Improvement Program:** compiled and prioritized capital improvement projects in a phased program for all sanitation facilities outlining an implementation schedule over the planning period of 2020 to 2045.

Date of notice: September 13, 2019



Legend

- WRPs
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- Coachella City
- Desert Edge
- Desert Palms
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- Vista Santa Rosa
- Street Centerlines
- Salton Sea

Figure 1 CVWD Sanitation System Service Area

Sanitation System Master Plan
Coachella Valley Water District



Aviso de Preparación y Reunión Pública

Para: Todas las Personas y Agencias Interesadas / Secretario del Condado Riverside / Secretario del Condado Imperial

Asunto: Aviso de Preparación de un Informe de Impacto Ambiental Para la Actualización del Plan Maestro de Saneamiento 2020 de Coachella Valley Water District

Agencia Principal

Nombre de Agencia: Coachella Valley Water District
Dirección de Envío: 75-515 Hovley Lane East
Ciudad/Estado/Código Postal: Palm Desert, California 92211
Contacto: William Patterson
Environmental Supervisor
(760) 398-2651
WPatterson@cvwd.org

Consultora

Nombre de Consultora: ECORP Consulting, Inc.
Dirección de Envío: 215 North 5th Street
Ciudad/Estado/Código Postal: Redlands, CA 92374
Contacto: Freddie Olmos
Project Manager
(909) 307-0046
folmos@ecorpconsulting.com

Coachella Valley Water District (CVWD o Distrito) es la Agencia Principal y preparará un Informe de Impacto Ambiental (PEIR por sus siglas en inglés) para la Actualización del Plan Maestro de Saneamiento 2020 (Proyecto Propuesto) en cumplimiento con la Ley de Calidad Ambiental de California (CEQA por sus siglas en inglés). CVWD solicita su comentario e información, o la opinión de su agencia, sobre el alcance y el contenido de la información ambiental que se incluirá en el PEIR. CVWD aceptará comentarios por escrito durante el período de revisión obligatorio de 30 días desde el 13 de septiembre hasta el 12 de octubre, 2019. Los comentarios escritos pueden enviarse por correo, correo electrónico o entregarse personalmente a la persona de contacto de CVWD identificada anteriormente.

Una **reunión pública** está programada para el 24 de septiembre de 2019, comenzando a las 5:30 p.m. y terminando a las 6:30 p.m. La reunión se llevará a cabo en el Steve Robbins Administrative Building de CVWD ubicado en 75-515 Hovley Lane East en la ciudad de Palm Desert.

El PEIR analizará temas de recursos ambientales tales como: estética, energía, incendios forestales, agricultura, calidad del aire, recursos biológicos, recursos culturales, recursos culturales tribales, geología, emisiones de gases efecto invernadero, hidrología y calidad del agua, planificación, ruido, población y vivienda, transporte/tráfico, servicios públicos, alternativas de proyectos y otros temas obligatorios. Las respuestas recibidas a este aviso pueden modificar o agregar a la evaluación preliminar de posibles temas abordados en el PEIR.

Debido a los límites de tiempo establecidos por la ley estatal, su respuesta debe enviarse lo antes posible, pero no más tarde de 30 días después de recibir este aviso. La fecha límite de respuesta es el **12 de octubre de 2019**. Envíe su comentario por escrito a William Patterson a la dirección que se muestra arriba. Necesitaremos el nombre de una persona de contacto en su agencia.

Título del Proyecto: Actualización del Plan Maestro de Saneamiento 2020 de CVWD

Ubicación del Proyecto: Dentro del área de servicio de CVWD, incluyendo ciudades y áreas no incorporadas de los Condados de Riverside e Imperial

Antecedentes: El CVWD proporciona servicios para agua, aguas residuales, agua reciclada, riego/drenaje, protección regional de aguas pluviales y gestión de aguas subterráneas al valle de Coachella. La División de Saneamiento proporciona específicamente servicios de recolección y tratamiento de aguas residuales. Para proporcionar estos servicios, el Distrito posee y opera un gran sistema de recolección y cinco plantas de recuperación de agua (WRP por sus siglas en inglés): 1, 2, 4, 7 y 10. El sistema de alcantarillado sanitario de CVWD incluye más de 1,130 millas de tuberías de alcantarillado sanitario, que se componen de aproximadamente 1,060 millas de tuberías de gravedad y 70 millas de tuberías a presión.

Ubicado en el valle de Coachella, en el sur de California, el área de servicio del Distrito se encuentra aproximadamente a 130 millas al este de Los Ángeles y 140 millas al noreste de San Diego. El Distrito es responsable del servicio de aguas residuales

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en un área de servicio que abarca aproximadamente 885 millas cuadradas de terreno, principalmente designado como usos residenciales, comerciales, e industriales. La topografía del área de servicio está centrada en el valle, con un pendiente de terreno suave que generalmente sigue al Canal de Aguas Pluviales del Valle de Coachella (también conocido como el Río Whitewater) que divide el Valle de Coachella a medida que fluye desde el oeste hacia el este / sureste, descargándose hacia el Mar Salton. El Mar Salton generalmente forma el límite sur de CVWD, con las Montañas Chocolate en el este y las Montañas Santa Rosa en el oeste. El extremo sur de las montañas de San Bernardino forma la extensión norte del área de servicio (Figura 1).

En 2009, CVWD preparó su primer estudio de planificación maestra del sistema de recolección de alcantarillado (el Plan Maestro del Sistema de Saneamiento 2009), desarrollado en el contexto del fuerte ciclo económico y el excepcional desarrollo del período anterior. Se proyectó que la población aumentaría en casi un 250 por ciento de 211,400 en 2005 a 523,800 en 2030. El Plan Maestro del Sistema de Saneamiento 2009 estudió lo siguiente: proyecciones de flujo de aguas residuales, proyecciones de carga de aguas residuales, criterios de confiabilidad / redundancia, gestión de biosólidos, evaluaciones de plantas de recuperación de agua, sistema de recolección y el programa de mejoramiento de capital. El plan se basó en una sólida perspectiva de desarrollo de viviendas en 2007. El enfoque resultante del plan maestro se centró en el crecimiento y la expansión de la capacidad del sistema de saneamiento. El posterior colapso del mercado de viviendas, la recesión económica y la sequía prolongada disminuyeron el crecimiento en la región y el crecimiento previsto en el Plan Maestro de Saneamiento de 2009 no se materializó. La población del área de servicio ha aumentado solo modestamente desde el período de estudio anterior, estimado en aproximadamente 212,000. Como se indicó en el Plan Maestro de Saneamiento de 2009, si la realización del crecimiento se desviara de los supuestos, CVWD actualizaría o revisaría el plan.

Descripción del Proyecto: Este Proyecto Propuesto proporciona un programa integral de mejora de capital (CIP) que consiste en recomendaciones para restaurar los bienes existentes, optimizar las operaciones, y satisfacer las necesidades de capacidad proyectadas de todas las instalaciones de saneamiento (sistema de recolección que incluye tuberías de gravedad, tuberías a presión, estaciones de bombeo, y las cinco plantas de recuperación de agua [WRP]) en un programa que se implementará en fases de implementación de cinco años entre 2020 y 2045.

El propósito del Proyecto Propuesto es planificar la expansión y las actualizaciones del sistema de saneamiento de CVWD dentro de los límites de CVWD durante un período de planificación de 25 años para proporcionar un servicio sostenible y económico para los clientes actuales y futuros de CVWD. La actualización del plan maestro de saneamiento:

- Ajusta la población real hasta la fecha reflejando la desaceleración del crecimiento que ocurrió después de 2007
- Actualiza las proyecciones de flujo y carga a los WRPs y evalúa la capacidad
- Recopila datos operativos y de calidad del agua y Biowin modela cada WRP para identificar la capacidad de carga y las oportunidades para mejoras de procesos
- Actualiza el sistema y el modelado hidráulico de la estación de bombeo y evalúa la capacidad
- Aborda los requisitos regulatorios actuales y las órdenes regulatorias futuras potenciales para los controles de nutrientes y salinidad de las descargas a las aguas receptoras y las cuencas de infiltración
- Proporciona opciones de mercadotecnia y una estrategia para implementar un programa de agua reciclada en WRP 4
- Proporciona proyectos de reemplazo horizontales y verticales basados en la condición para el sistema de recolección y los WRPs
- Actualiza el plan de gestión de biosólidos y describe posibles cambios legislativos e implicaciones para CVWD
- Establece el rendimiento de referencia de los WRPs y propone mejoras para optimizar las operaciones del proceso y reducir los costos de energía, operación y mantenimiento
- Presenta un plan para que CVWD pueda convertir áreas sépticas a alcantarillas en el sistema centralizado de CVWD a medida que se materializan las oportunidades de financiamiento

Las mejoras del **Sistema de Recolección** propuestas incluyen agregar aproximadamente 174 millas de tuberías de gravedad y presión para aumentar la capacidad del sistema, aumentar el tamaño de las tuberías de gravedad, limpiar e inspeccionar las tuberías, rehabilitación de tuberías y pozos de registro sin zanjas, reemplazo de equipos eléctricos y cableado en las estaciones de elevación, reemplazo de estaciones elevadoras, y un nuevo sistema de distribución de agua no potable en el área de servicio.

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Las mejoras propuestas en las **Plantas de Recuperación de Agua** incluyen mejoras / expansión de capacidad de equipos de planta y proceso, reemplazo de bienes, adición de monitoreo y controles de procesos, mejoras para reducir el consumo de energía, actualizaciones de seguridad, adición de energía solar, generación de energía de respaldo, cubiertas flotantes, adición de tanques y depósitos, tratamiento primario y tratamiento terciario, reemplazo de revestimientos y proyectos piloto. El Proyecto Propuesto también incluye planes de gestión de biosólidos para una instalación regional y la estandarización de las mejoras de Operaciones y Mantenimiento en todos los WRP.

Los impulsores del proyecto propuesto incluyen:

- **Gestión de Bienes:** reinversión sostenible en infraestructura pública
- **Capacidad y Regulación:** construir o adaptar infraestructura para cumplir con el crecimiento previsto y el requisito de permiso anticipado
- **Nivel de Servicio:** brindar un servicio económico y centrado en el cliente a través de estrategias operativas mejoradas, automatización y expansión de la reutilización económica y beneficiosa (agua reciclada y biosólidos)

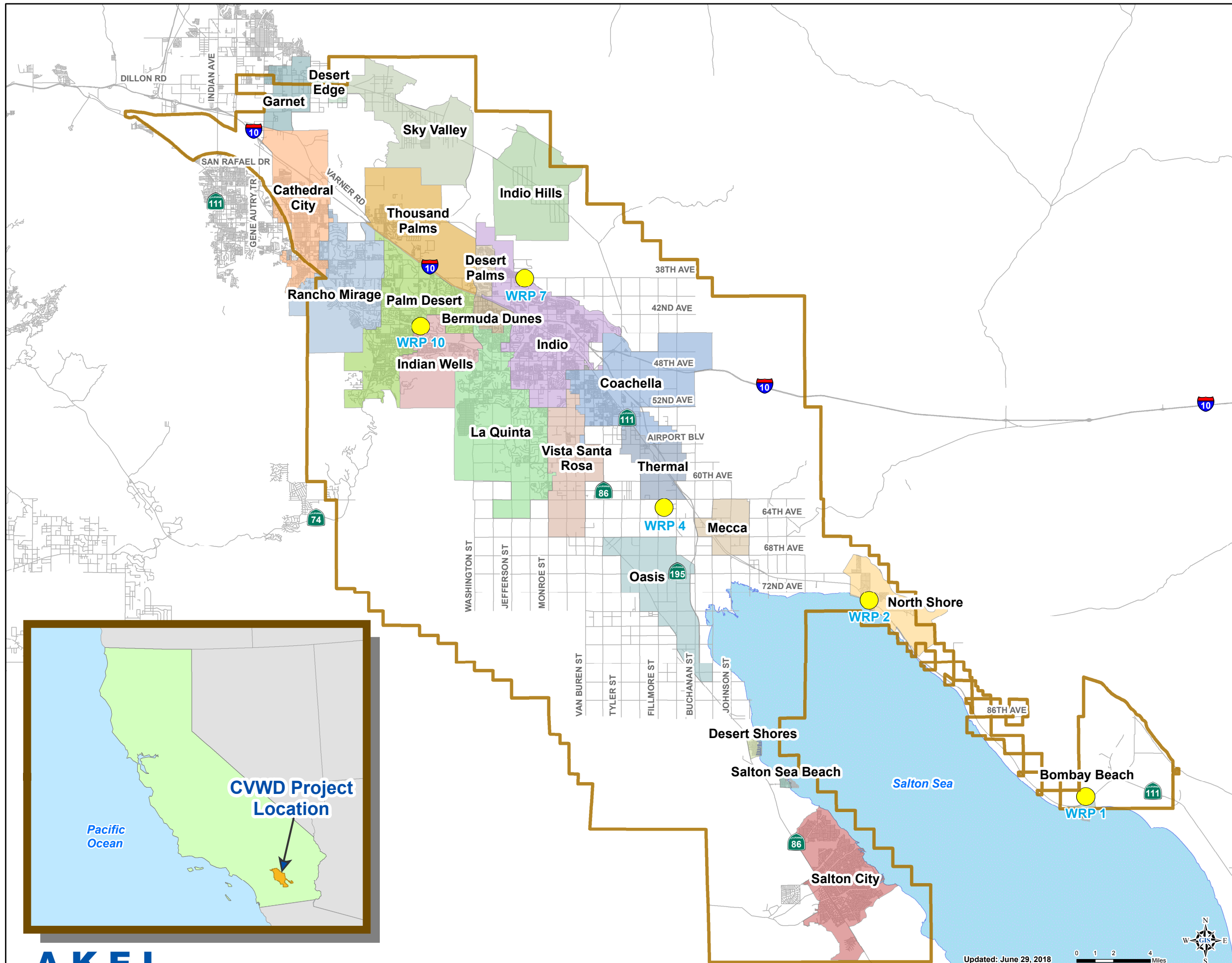
Los objetivos de los niveles de servicio están destinados a lograr mejoras que resultarán en un servicio económico y un servicio centrado en el cliente. Los objetivos del Proyecto Propuesto incluyen:

- **Mejorar el Rendimiento de la Calidad del Agua:** reducir / eliminar el potencial de desbordamientos de alcantarillado sanitario (SSO) y alteraciones dentro del proceso de la planta.
- **Mejorar el Proceso y la Eficiencia de la Planta de Tratamiento:** lograr una operación óptima de los procesos de tratamiento donde el equipo está operando cerca de la mejor eficiencia y el rendimiento del proceso es como se espera.
- **Maximizar la Reutilización Beneficiosa:** aumentar el reciclaje de agua y la reutilización de biosólidos mediante la expansión del mercado de reciclaje de agua, y una opción alternativa para la reutilización de biosólidos en lugar de su eliminación.
- **Minimizar los Impactos en las Operaciones y el Mantenimiento:** reducir el mantenimiento y las necesidades operativas que puedan agotar al personal a través de reemplazando el equipo problemático, el monitoreo remoto y los controles para verificar y borrar alarmas, mejoras al proceso que abordarán las causas de las condiciones de alarma, frecuentes controles y correcciones.

La Actualización del Plan Maestro de Saneamiento 2020 (versión preliminar) está organizado en los siguientes cuatro volúmenes:

- **Volumen 1 – General:** incluye información general sobre las instalaciones de saneamiento de CVWD, incluso de información general, descripciones de áreas de servicio existentes, evaluación histórica de flujo y carga y flujo y carga proyectados por área de servicio, nivel de servicio, auditorías de energía y entorno regulatorio.
- **Volumen 2 – Sistema de Recolección:** incluye actualizaciones del Sistema de Información Geográfica (GIS) del sistema de recolección, modelación hidráulica, evaluación de riesgos enfocada de la infraestructura de saneamiento en las cercanías del Canal de Tormenta del Valle de Coachella y el Canal de Coachella, y evaluaciones de capacidad hidráulica para identificar proyectos y recomendar mejoras capitales para el sistema de recolección
- **Volumen 3 – Plantas de Recuperación de Agua:** incluye evaluación comparativa de la planta, evaluaciones de procesos y aplicación de criterios de flujo y carga proyectados y un marco regulatorio anticipado para identificar proyectos y recomendar mejoras de capital para las cinco WRPs.
- **Volumen 4 – Programa de Mejora de Capital:** recompila y prioriza proyectos de mejora de capital en un programa por etapas para todas las instalaciones de saneamiento que describe un cronograma de implementación durante el período de planificación de 2020 a 2045.

Fecha de notificación: 13 de septiembre, 2019



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Figura 1
Área de Servicio del
Sistema de Saneamiento
de CVWD
Plan Maestro de Saneamiento
Coachella Valley Water District



POSTED

SEP 13 2019

IMPERIAL COUNTY CLERK-RECORDER
CALIFORNIA

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In 2009 the CVWD prepared its first sewer collection system master planning study (the 2009 Sanitation System Master Plan), developed in the context of the strong economic cycle and exceptional development boom of the preceding period. The population was projected to increase by nearly 250 percent from 211,400 in 2005 to 523,800 by 2030. The 2009 Sanitation System Master Plan (2009 Sanitation Master Plan) studied the following: wastewater flow projections, wastewater load projections, reliability/redundancy criteria, biosolids management, water reclamation plant evaluations, collection system, and the capital improvement program. The plan was based on a robust housing development outlook in 2007. The resulting approach of the master plan was therefore focused on growth and capacity expansion of the sanitation system. The subsequent housing market collapse, economic recession, and prolonged drought dampened growth in the region and the growth predicted in the 2009 Sanitation Master Plan did not materialize. The service area population is up only modestly from the prior study period, estimated to be approximately 212,000. As prefaced in the 2009 Sanitation Master Plan, should the realization of growth deviate from the assumptions, CVWD would update or revise the plan accordingly.

Project Description: This Proposed Project provides a comprehensive capital improvement program (CIP) consisting of recommendations to refurbish existing assets, optimize operations, and satisfy projected capacity needs of all sanitation facilities (collection system including gravity pipelines, force mains, lift stations, and the five water reclamation plants [WRPs]) in a phased program to be implemented in five-year implementation phases between 2020 to 2045.

The purpose of the Proposed Project is to plan the expansion and upgrades of the CVWD sanitation system within the boundaries of CVWD for a planning period of 25 years in order to provide sustainable, cost-effective service to CVWD's current and future customers. The Sanitation Master Plan Update:

- Adjusts the actual-population-to-date accounting for the slowdown in growth that occurred post 2007
- Updates the flow and loading projections to the WRPs and evaluates capacity
- Collects operational and water quality data and Biowin models each WRP to identify loading capacity and opportunities for process improvements
- Updates the system and pump station hydraulic modeling and evaluates capacity
- Addresses current regulatory requirements and addresses potential future regulatory orders for nutrient and salinity controls of discharges to receiving waters and infiltration basins
- Provides marketing options and a strategy for implementing a recycled water program at WRP 4
- Provides condition-based horizontal and vertical asset replacement projects for the collection system and WRPs
- Updates the biosolids management plan and describes potential legislative changes and implications for CVWD
- Baselines performance of the WRPs and proposes improvements to optimize process operations and reduce energy and operational & maintenance cost
- Presents a plan for CVWD to be able to convert septic-to-sewer areas to CVWD's centralized system as grant funding opportunities materialize

The proposed **Collection System** improvements include adding approximately 174 miles of gravity and force main pipelines to increase system capacity, upsizing of gravity pipelines, cleaning and inspecting pipelines, trenchless rehabilitation of pipelines and manholes, replacement of electrical equipment and wiring at lift stations, replacement of lift stations, and a new non-potable distribution system in the service area.

The proposed improvements at the **Water Reclamation Plants** include plant and process equipment capacity upgrades/expansion, replacement of assets, addition of process monitoring and controls, improvements to reduce energy consumptions, safety and security upgrades, addition of solar power, backup power generation, floating covers, addition of tanks and reservoirs, primary treatment and tertiary treatment, replacement of liners, and pilot projects. The Proposed Project also includes biosolids management plans for a regional facility, and standardization of Operations and Maintenance improvements across all WRPs.

The Proposed Project drivers include:

- **Asset management** – sustainable reinvestment in public infrastructure
- **Capacity and regulatory** – build or adapt infrastructure to meet predicted growth and anticipated permit requirement
- **Level of service** – deliver customer-focused, cost effective service through improved operational strategies, automation, and expansion of economical, beneficial reuse (recycled water and biosolids)

Notice of Preparation and Public Scoping Meeting

The levels of service goals are intended to achieve improvements that will result in cost-effective service and customer-focused service. The Proposed Project goals include:

- **Improve Water Quality Performance** – Reduce/eliminate the potential for sanitary sewer overflows (SSOs) and upsets within the plant process.
- **Improve Treatment Plant Process and Efficiency** – Achieve optimal operation of the treatment processes where equipment is operating near best efficiency, and process performance is as expected.
- **Maximize Beneficial Reuse** – Increase water recycling and biosolids reuse through expanding the water recycling market, and alternative option for biosolids reuse rather than disposal.
- **Minimize the Impacts to Operations and Maintenance** – Reduce maintenance and operational needs that overstretch the staff by looking at replacing problematic equipment, remote monitoring and controls to check and clear alarms, improvements to the process that will address the causes of alarm conditions, frequent checks and fixes.

The Draft CVWD Sanitation Master Plan Update 2020 is organized into the following four volumes:

- **Volume 1 – General:** includes general information about the CVWD sanitation facilities, including background information, existing service area descriptions, historical flow and loading evaluation and projected flow and loading by service area, level of service, energy audits, and regulatory setting.
- **Volume 2 – Collection System:** includes collection system Geographic Information System (GIS) updates, hydraulic modeling, focused risk assessment of sanitation infrastructure in the vicinity of the Coachella Valley Storm Channel and Coachella Canal, and hydraulic capacity assessments to identify projects and recommend capital improvements for the collection system
- **Volume 3 – Water Reclamation Plants:** includes plant benchmarking, process evaluations, and application of projected flow and loading criteria and anticipated regulatory framework to identify projects and recommend capital improvements for the five WRPs.
- **Volume 4 – Capital Improvement Program:** compiled and prioritized capital improvement projects in a phased program for all sanitation facilities outlining an implementation schedule over the planning period of 2020 to 2045.

Date of notice: September 13, 2019

Environmental Services Master Mailing List - April 2017

AGENCY / ORGANIZATION	NAME	FIRST NAME	LAST NAME	TITLE	ADDRESS	CITY	STATE	ZIP
State	California State Clearinghouse			CEQA Submittal	1400 Tenth Street	Sacramento	CA	95814
State	California Department of Fish and Wildlife - Inland Desert Region	Heather	Pert	Senior Environmental Scientist (Supervisor)	3602 Inland Empire Boulevard, Suite C-220	Ontario	CA	91764
State	State Water Resources Control Board - Division of Water Rights	Justine	Herrig	Senior Environmental Scientist Specialist	P.O. BOX 2000	Sacramento	CA	95812-2000
Regional	Riverside County Clerk	Maryann	Meyer	County Clerk	2720 Gateway Drive	Riverside	CA	92507
Regional	Imperial County Clerk	Blanca	Acosta	Clerk of the Board	940 W. Main Street, Suite 209	El Centro	CA	92243
Regional	Riverside County Planning Department	Steve	Weiss, AICP	Planning Director	4080 Lemon Street, 12th Floor	Riverside	CA	92502
Regional	Riverside County Transportation Department	Juan	Perez	Director	4080 Lemon Street	Riverside	CA	92502-1629
Regional	South Coast Air Quality Management District	Lijin	Sun, J.D.	Program Supervisor, CEQA IGR	21865 East Copley Drive	Diamond Bar	CA	91765
Regional	Coachella Valley Association of Governments	Katie	Barrows	Director of Environmental Services	73-710 Fred Waring Drive, Suite 200	Palm Desert	CA	92260
City	City of Desert Hot Springs			Planning Department	65-950 Pierson Blvd.	Desert Hot Springs	CA	92240
City	City of Cathedral City			Planning Department	68700 Avenida Lalo Guerrero	Cathedral City	CA	92234
City	City of Rancho Mirage			Planning Department	69-825 Highway 111	Rancho Mirage	CA	92270
City	City of Palm Desert			Planning Department	73-510 Fred Waring Drive	Palm Desert	CA	92260
City	City of La Quinta			Planning Manager	78-495 Calle Tampico	La Quinta	CA	92253
City	City of Indio			Planning Department	100 Civic Center Mall	Indio	CA	92201
City	City of Coachella			Planning Department	1515 Sixth Street	Coachella	CA	92236
City	Coachella Valley Community Councils	Manuel	Perez	Supervisor	73-710 Fred Waring Drive, Suite 222	Palm Desert	CA	92260
Tribe	Agua Caliente Band of Cahuilla Indians	Patricia	Garcia-Plotkin	Tribal Historic Preservation Director	5401 Dinah Shore Drive	Palm Springs	CA	92264
Tribe	Augustine Band of Cahuilla Indians	Amanda	Vance	Tribal Chairperson	84-481 Avenue 54	Coachella	CA	92236
Tribe	Cabazon Band of Mission Indians	Doug	Welmas	Tribal Chairperson	84-245 Indio Springs Drive	Indio	CA	92203
Tribe	Cahuilla Band of Indians	Andreas	Heredia	Cultural Director	52701 Hwy 371	Anza	CA	92539
Tribe	Los Coyotes Band of Cahuilla and Cupeno Indians	Ray	Chapparosa	Tribal Chairperson	2300 Camino San Ignacio Road	Warner Springs	CA	92086
Tribe	Morongo Band of Mission Indians	Raymond	Huante	Cultural Resource Specialist	12700 Pumarra Road	Banning	CA	92220
Tribe	Ramona Band of Cahuilla Indians	John	Gomez, Jr.	Cultural Resource Coordinator	56310 Highway 371, Suite B	Anza	CA	92539

Environmental Services Master Mailing List - April 2017

AGENCY / ORGANIZATION	NAME	FIRST NAME	LAST NAME	TITLE	ADDRESS	CITY	STATE	ZIP
Tribe	Soboba Band of Luiseno Indians	Joseph	Ontiveros	Cultural Resource Director	Post Office Box 487	San Jacinto	CA	92581
Tribe	Torres Martinez Desert Cahuilla Indians	Michael	Mirelez	Cultural Resource Coordinator	66725 Martinez Road	Thermal	CA	92274
Tribe	Twenty-nine Palms Band of Mission Indians	Anthony	Madrigal, Jr.	Tribal Historic Preservation Officer	46-200 Harrison Place	Coachella	CA	92236
Organization	Center for Natural Lands Management	Ginny	Short	Coachella Valley Preserve	P.O. Box 188	Thousand Palms	CA	92276
Organization	Sierra Club	Joan	Taylor	Chair	1850 Smoke Tree Lane	Palm Springs	CA	92264
Organization	Pacific Institute	Michael	Cohen	Senior Associate	2260 Baseline Road, Suite 100	Boulder	CO	80302
Education	Desert Sands Unified School District			Facilities Planner	47-950 Dune Palms Road	La Quinta	CA	92253
Education	Coachella Valley Unified School District			Facilities Planner	83-733 Avenue 55	Thermal	CA	92274
Library	Desert Hot Springs Public Library			Branch Manager	11691 West Drive	Desert Hot Springs	CA	92240
Library	Palm Springs Public Library			Branch Manager	300 South Sunrise Way	Palm Springs	CA	92262
Library	Rancho Mirage Public Library			Branch Manager	71100 Highway 111	Rancho Mirage	CA	92270
Library	Palm Desert Public Library			Branch Manager	73-300 Fred Waring Drive	Palm Desert	CA	92260
Library	La Quinta Public Library			Branch Manager	78-275 Calle Tampico	La Quinta	CA	92253
Library	Riverside County Library - Cathedral City			Branch Manager	33-520 Date Palm Drive	Cathedral City	CA	92234
Library	Riverside County Library – Coachella			Branch Manager	1538 7th Street	Coachella	CA	92236
Library	Riverside County Library - Thousand Palms			Branch Manager	31189 Robert Road	Thousand Palms	CA	92276
Newspaper	The Desert Sun			Classifieds	Post Office Box 2734	Palm Springs	CA	92263
Newspaper	La Prensa Hispana			Classifieds	45102 Smurr Street	Indio	CA	92201