

Summary Form for Electronic Document Submittal**Form F**

Lead agencies may include 15 hardcopies of this document when submitting electronic copies of Environmental Impact Reports, Negative Declarations, Mitigated Negative Declarations, or Notices of Preparation to the State Clearinghouse (SCH). The SCH also accepts other summaries, such as EIR Executive Summaries prepared pursuant to CEQA Guidelines Section 15123. Please include one copy of the Notice of Completion Form (NOC) with your submission and attach the summary to each electronic copy of the document.

SCH #: 2022040167Project Title: Sunset Complex ProjectLead Agency: City of PasadenaContact Name: Michael Lin, P.E.Email: mclin@cityofpasadena.net Phone Number: (626) 744-4468Project Location: Pasadena Los Angeles
City *County*

Project Description (Proposed actions, location, and/or consequences).

See Attachment 1 - Project Description

Identify the project's significant or potentially significant effects and briefly describe any proposed mitigation measures that would reduce or avoid that effect.

See Attachment 2 - Table of Project Effects and Mitigation Measures

If applicable, describe any of the project's areas of controversy known to the Lead Agency, including issues raised by agencies and the public.

The following are issues raised by the public in response to the Notice of Preparation and in coordination with agency stakeholders:

Transportation/Traffic: Address state facilities and reduce vehicle miles traveled during construction.

Tribal Cultural Resources: Comply with Assembly Bill 52 and Senate Bill 18 and consult with applicable tribes.

Land Use and Planning: Address consistency with Connect SoCal regional planning document and include demographics and growth forecasts.

Air Quality, Greenhouse Gases, and Energy: Address air quality and greenhouse impacts using appropriate tools and models to quantify construction impacts.

Public Utilities: Address wastewater discharge.

Provide a list of the responsible or trustee agencies for the project.

None.

Attachment 1 - Project Description:

The Project, located at the City of Pasadena's Sunset Reservoir Complex at the northwest corner of the intersection of Sunset Avenue and West Mountain Street (Pasadena, Los Angeles County, CA) consists of replacing two 125-plus-year-old reservoirs (15.5 million gallons) with new prestressed concrete reservoirs (11 million gallons), construction of a new 1,500 gallons per minute (gpm) Ion Exchange and Liquid Granular Activated Carbon groundwater treatment plant (GWTP) with room to expand to 4,500 gpm, and improving existing 1,500 gpm groundwater well. The proposed Project would be composed of multiple structures, including existing, replaced, and newly constructed structures. Additionally, the Project involves the removal and installation of piping, as well as other site improvements related to parking, ingress/egress, etc. The Project would demolish the two existing reservoirs on site, Existing Reservoir 1 and Existing Reservoir 2, including A-Basin. These structures were built in 1888 and 1900, respectively, and provide storage for the City of Pasadena's water system. These structures would be removed in order to replace them with Proposed Reservoirs 1 and 2. There are several other structures that are being demolished as part of the proposed Project. The Sunset Well Building and Electrical Transformer Area would be removed in its entirety. The Disinfection Facility would be demolished and a new disinfection structure in a different area would be constructed utilizing some of the salvaged equipment, including the existing chemical storage tanks. The Project proposes improvements to several of the existing structures on the site, driveway entrances, fences, and landscaping. The Bangham Well Building will remain, but the well's existing retention pond, sump pump, valves, elbows, tees, air relief valve, well pump discharge head, column and motor, concrete, fence and assorted piping would be replaced. Architectural modifications to the façade of the Glorieta Booster Station building would occur as part of the Project. Additionally, the Electrical Equipment Enclosure associated with the Glorieta Booster Station would be modified to add an automatic transfer switch for connection to the new standby generator.

The Project would construct two new reservoirs at the 7.17-acre site, herein referred to as Proposed Reservoir 1 and Proposed Reservoir 2. Proposed Reservoir 1 would have an inside diameter of approximately 210 feet, a total footprint of 36,530 square feet, and a capacity of 4.9 million gallons (MG). Proposed Reservoir 2 would have an inside diameter of approximately 234 feet, a total footprint of 45,180 square feet, and a capacity of 6.1 MG. Collectively, the two reservoirs would provide a total capacity of 11.0 MG. The proposed reservoirs would be constructed at different sizes due to the geometry of the existing site, which narrows at the south end of the site. By installing the smaller reservoir (Proposed Reservoir 1) in the south end of the site, the Project would be able to preserve more space for the approximately 5,250-square-foot proposed groundwater treatment plant (GWTP) and parking at the north end of the site. Backfill would be placed around both reservoirs, as the reservoirs would be partially buried. The depth of the backfill would be a minimum of 12 feet deep all around the tanks and of sufficient depth to resist the sliding forces of the empty tanks. The finished grade would provide drainage away from the new tanks. The main ingress/egress would be located at the northeast corner of the site. The existing employee entrance to the north along Sunset Avenue would be widened to allow for safety and ease of traffic flow. Additional proposed project components include two backup generators, a groundwater treatment plant consisting of an ion exchange for perchlorate removal and granular activated carbon for volatile organic compound (VOC) removal, an air gap structure, stormwater treatment improvement, solar canopies and rooftop panels, electric vehicle charging stations, a backwash tank, a disinfection facility, and overflow and drains. The current grading plan results in an approximate net export of 3,700 cubic yards (CY).

Attachment 2 - Table of Project Effects and Mitigation Measures

| Environmental Topic | Impact? | Mitigation Measure(s) | Level of Significance after Mitigation |
|--|-----------------------|------------------------------|---|
| <i>Aesthetics</i> | | | |
| Would the project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway? | Less Than Significant | None | Not Applicable |
| Would the project create a new source of substantial glare which would affect daytime views in the area? | Less Than Significant | None | Not Applicable |
| <i>Air Quality</i> | | | |
| Would the project conflict with or obstruct implementation of the applicable air quality plan? | No Impact | None | Not Applicable |
| Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard? | Less Than Significant | None | Not Applicable |
| Would the project expose sensitive receptors to substantial pollutant concentrations? | Less Than Significant | None | Not Applicable |

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| <i>Cultural Resources</i> | | | |
| <p>Would the project cause a substantial adverse change in the significance of a historical resource as defined in Section 15064.5?</p> | <p>Potentially Significant</p> | <p>CUL-1 Documentation Program. A documentation program shall be undertaken prior to commencement of the project to document the Sunset Reservoir to the standards of the Historic American Engineering Record (HAER).</p> <p>The documentation program would include all of the following components for all six contributing resources (Existing Reservoir 1, Existing Reservoir 2, the stream-rock retaining wall, A-Basin, Well No. 20 [Sunset Well], and Sheldon Booster House [Sunset Booster Station]):</p> <ol style="list-style-type: none"> 1. Produce large format black-and-white, film photographs, with the original negatives having a minimum size of 4 inches by 5 inches, of all six contributing resources (Existing Reservoir 1, Existing Reservoir 2, the stream-rock retaining wall, A-Basin, Well No. 20 [Sunset Well], and Sheldon Booster House [Sunset Booster Station]) to include aerial and context views of the site, views of significant elements and interior spaces, and detail views of specific character-defining features. Include a photo index and photo key-maps. A draft laser copy (or digital PDF) of the finished survey formatted to the photo index is required for City review prior to final archival printing. | <p>Significant and Unavoidable</p> |

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| | | <ol style="list-style-type: none"> <li data-bbox="1003 269 1528 829">2. Reproduce original drawings (plans, drawings, blueprints, and other structural data) full scale on vellum that meets Federal Vellum Specification UU-P-561H, Type IV and prepared to HAER drawing guidelines per Recording Historic Structures & Sites for the Historic American Engineering Record (revised 2020). If original drawings are not available, then an architect or engineer meeting the Secretary of the Interior’s Professional Qualification Standards shall produce full-size scaled drawings of the resource’s plan, elevations, sections, and details to the same HAER standards. <li data-bbox="1003 878 1528 1219">3. Assemble historical background information, and the produced drawings, large format and historic photographs relevant to the Sunset Reservoir and its setting, into a format meeting HAER history guidelines per the Historic American Engineering Record Guidelines for Historical Reports (2008, updated December 2017) (contact info updated December 2021). | |

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| | | <p data-bbox="1003 269 1535 727">4. Donate one copy of the final historic report, drawings, photographs, and negatives to the HABS/HAER/HALS division of the National Park Service for transmittal to the Library of Congress. Duplicate archival laser-copies, or other media as directed by the recipient, of the report, drawings and photographs shall be kept on file with the City of Pasadena Design & Historic Preservation archives and filed with the Pasadena Museum of History and the Pasadena Public Library.</p> <p data-bbox="856 768 1535 1399">CUL-2 Interpretive Program. An interpretive program shall be installed prior to filing the Notice of Completion for the construction project completion. The interpretive program shall be installed on or adjacent to the project site to provide a visual historical record for the general public. The interpretive program shall be designed, fabricated, and installed to visually interpret the history of the property including signage with descriptive narrative and reproductions of historic and recent images in an area that is publicly accessible. The interpretive program should be installed in the landscaped area to be located adjacent to the southernmost project boundary at the intersection of Mountain Street and Sunset Avenue, or a suitable alternative location as determined by the City of Pasadena.</p> | |

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| <i>Energy</i> | | | |
| Would the project result in potentially significant environmental impacts due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation? | Less Than Significant | None | Not Applicable |
| Would the project conflict with or obstruct a state or local plan for renewable energy or energy efficiency? | Less Than Significant | None | Not Applicable |
| <i>Greenhouse Gas Emissions</i> | | | |
| Would the project generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment? | Less Than Significant | None | Not Applicable |
| Would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs? | Less Than Significant | None | Not Applicable |
| <i>Hazards and Hazardous Materials</i> | | | |
| Would the project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials? | Less Than Significant | None | Not Applicable |

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| <p>Would the project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?</p> | <p>Potentially Significant</p> | <p>HAZ-1 Pre-Demolition Surveys. Prior to demolition and after the reservoirs have been drained, PWP shall retain a qualified professional to perform a pre-demolition survey to identify the potential for potentially hazardous materials to be present. The pre-demolition survey shall consist of a review of available reservoir construction information, and a visual inspection of the water reservoirs and any visible connecting appurtenances. The objective of the pre-demolition survey shall be to observe, locate, and evaluate the condition of suspected ACM, LBP, wood construction materials formerly treated with Creosote, and any other identifiable hazardous materials. Sampling and laboratory testing shall be required to confirm suspected hazardous materials. The survey shall provide information that shall be used to implement a removal program prior to initiating demolition activities.</p> <p>HAZ-2 Removal and Disposal of Hazardous Materials. If ACM, LBP, wood construction materials formerly treated with Creosote, or other identifiable hazardous materials are discovered during the pre-demolition survey, remediation shall be required to minimize specific relevant health and safety hazards (i.e., hazards or health risks associated with the presence of ACM, LBP, wood construction materials formerly treated with Creosote, or other identifiable hazards materials) at the site prior to demolition of these structures and the construction of the new structures. If the survey identifies hazardous materials, PWP shall retain a qualified professional to prepare and implement a work</p> | <p>Less Than Significant</p> |

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| | | <p>plan that addresses the specific hazardous materials identified in the survey, and identifies the required removal and disposal activities associated with each material. The plan shall be submitted to the PWP for review and approval prior to the start of removal and disposal activities. The plan shall include the necessary steps for safe removal and disposal of any hazardous materials identified during the pre-demolition survey. The plan shall include recommendations for removal and disposal consistent with regulatory requirements specific to the materials being removed (i.e., LBP, ACM, or wood construction materials formerly treated with Creosote) and in accordance with applicable laws, including Occupational Safety and Health Administration (OSHA) guidelines, to ensure that no hazards to the demolition crew, adjacent residents, or others are created by exposure to hazardous building materials. Following completion of the required removal activities, the qualified professional shall prepare a Summary Report to document the removal activities performed and any variations from their work plan. The Summary Report shall be submitted to the PWP for review and approval prior to the issuance of demolition permits for the existing structures at the Project site. Demolition activities shall adhere to all applicable federal, state, and local requirements related to hazardous materials.</p> | |
| Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan? | Less Than Significant | None | Not Applicable |

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| <i>Noise</i> | | | |
| Would the project result in generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies? | Less Than Significant | None | Not Applicable |
| <i>Tribal Cultural Resources</i> | | | |
| Would the project cause a substantial adverse change in the significance of a tribal cultural resource as defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is: Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k)? | Potentially Significant | <p>TCR-1 Retain a Native American Monitor Prior to Commencement of Ground-Disturbing Activities</p> <p>A. The project applicant/lead agency shall retain a Native American Monitor from or approved by the Gabrieleño Band of Mission Indians – Kizh Nation. The monitor shall be retained prior to the commencement of any “ground-disturbing activity” at the Sunset Reservoir Project site. “Ground-disturbing activity” shall include, but is not limited to, demolition, pavement removal, potholing, auguring, grubbing, tree removal, boring, grading, excavation, drilling, and trenching.</p> <p>B. A copy of the executed monitoring agreement shall be submitted to the lead agency prior to the earlier of the commencement of any ground-disturbing activity, or the issuance of any permit necessary to commence a ground-disturbing activity.</p> | Less Than Significant |

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| | | <p>C. The monitor shall complete daily monitoring logs that will provide descriptions of the relevant ground-disturbing activities, the type of construction activities performed, locations of ground-disturbing activities, soil types, cultural-related materials, and any other facts, conditions, materials, or discoveries of significance to the Tribe. Monitor logs will identify and describe any discovered TCRs, including but not limited to, Native American cultural and historical artifacts, remains, places of significance, etc., (collectively, tribal cultural resources, or "TCR"), as well as any discovered Native American (ancestral) human remains and burial goods. Copies of monitor logs will be provided to the project applicant/lead agency upon written request to the Tribe.</p> <p>D. On-site tribal monitoring shall conclude upon the latter of the following (1) written confirmation to the Kizh from a designated point of contact for the project applicant/lead agency that all ground-disturbing activities and phases that may involve ground-disturbing activities on the project site or in connection with the project are complete; or (2) a determination and written notification by the Kizh to the project applicant/lead agency that no future, planned construction activity and/or development/construction phase at the project site possesses the potential to impact Kizh TCRs.</p> | |

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| | | <p>E. Upon discovery of any TCRs, all construction activities in the immediate vicinity of the discovery shall cease (i.e., not less than the surrounding 50 feet) and shall not resume until the discovered TCR has been fully assessed by the Kizh monitor and/or Kizh archaeologist. The Kizh will recover and retain all discovered TCRs in the form and/or manner the Tribe deems appropriate, in the Tribe's sole discretion, and for any purpose the Tribe deems appropriate, including for educational, cultural and/or historic purposes.</p> <p>TCR-2 Unanticipated Discovery of Human Remains and Associated Funerary Objects</p> <p>A. Native American human remains are defined in PRC 5097.98 (d)(1) as an inhumation or cremation, and in any state of decomposition or skeletal completeness. Funerary objects, called associated grave goods in Public Resources Code Section 5097.98, are also to be treated according to this statute.</p> <p>B. If Native American human remains and/or grave goods are discovered or recognized on the project site, then all construction activities shall immediately cease. Health and Safety Code Section 7050.5 dictates that any discoveries of human skeletal material shall be immediately reported to the County Coroner and all ground-</p> | |

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| | | <p>disturbing activities shall immediately halt and shall remain halted until the coroner has determined the nature of the remains. If the coroner recognizes the human remains to be those of a Native American or has reason to believe they are Native American, he or she shall contact, by telephone within 24 hours, the Native American Heritage Commission, and Public Resources Code Section 5097.98 shall be followed.</p> <p>C. Human remains and grave/burial goods shall be treated alike per California Public Resources Code section 5097.98(d)(1) and (2).</p> <p>D. Construction activities may resume in other parts of the Project site at a minimum of 200 feet away from discovered human remains and/or burial goods, if the Kizh determines in its sole discretion that resuming construction activities at that distance is acceptable and provides the project manager express consent of that determination (along with any other mitigation measures the Kizh monitor and/or archaeologist deems necessary). (CEQA Guidelines Section 15064.5(f).)</p> | |

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| | | <p>E. Preservation in place (i.e., avoidance) is the preferred manner of treatment for discovered human remains and/or burial goods. Any historic archaeological material that is not Native American in origin (non-TCR) shall be curated at a public, non-profit institution with a research interest in the materials, such as the Natural History Museum of Los Angeles County or the Fowler Museum, if such an institution agrees to accept the material. If no institution accepts the archaeological material, it shall be offered to a local school or historical society in the area for educational purposes.</p> <p>F. Any discovery of human remains/burial goods shall be kept confidential to prevent further disturbance.</p> <p>TCR-3 Procedures for Burials and Funerary Remains</p> <p>A. The treatment of human remains or burials will be established with the Most Likely Descendant (MLD), as identified by the NAHC. The Burial Policy shall be implemented for all discovered Native American human remains and/or grave goods. Tribal Traditions include, but are not limited to, the preparation of the soil for burial, the burial of funerary objects and/or the deceased and the ceremonial burning of human remains.</p> | |

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| | | <p>B. If the discovery of human remains includes four or more burials, the discovery location shall be treated as a cemetery and a separate treatment plan shall be created.</p> <p>C. The prepared soil and cremation soils are to be treated in the same manner as bone fragments that remain intact. Associated funerary objects are objects that, as part of the death rite or ceremony of a culture, are reasonably believed to have been placed with individual human remains either at the time of death or later; other items made exclusively for burial purposes or to contain human remains can also be considered as associated funerary objects. Cremations will either be removed in bulk or by means as necessary to ensure complete recovery of all sacred materials.</p> <p>D. In the case where discovered human remains cannot be fully documented and recovered on the same day, the remains will be covered with muslin cloth and a steel plate that can be moved by heavy equipment placed over the excavation opening to protect the remains. If this type of steel plate is not available, a 24-hour guard should be posted outside of working hours. The Tribe will make every effort to recommend diverting the project and keeping the remains in situ and protected. If the project cannot be diverted, it may be determined that burials will be removed.</p> | |

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| | | <p>E. In the event preservation in place is not possible despite good faith efforts by the project, applicant/developer and/or landowner, before ground-disturbing activities may resume on the project site, the landowner shall arrange a designated site location within the footprint of the project for the respectful reburial of the human remains and/or ceremonial objects.</p> <p>F. Each occurrence of human remains and associated funerary objects will be stored using opaque cloth bags. All human remains, funerary objects, sacred objects and objects of cultural patrimony will be removed to a secure container on site if possible. These items should be retained and reburied within six months of recovery. The site of reburial/repatriation shall be on the project site but at a location agreed upon between the Tribe and the landowner at a site to be protected in perpetuity. There shall be no publicity regarding any cultural materials recovered.</p> | |

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| | | <p>G. The Tribe will work closely with the project’s qualified archaeologist to ensure that the excavation is treated carefully, ethically and respectfully. If data recovery is approved by the Tribe, documentation shall be prepared and shall include (at a minimum) detailed descriptive notes and sketches. All data recovery-related forms of documentation shall be approved in advance by the Tribe. If any data recovery is performed, once complete, a final report shall be submitted to the Tribe and the NAHC. The Tribe does NOT authorize any scientific study or the utilization of any invasive and/or destructive diagnostics on human remains.</p> | |
| <p>Would the project cause a substantial adverse change in the significance of a tribal cultural resource as defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:</p> | <p>Potentially Significant</p> | <p>See Above Mitigation TCR-1 through TCR-3.</p> | <p>Less Than Significant</p> |

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| <p>A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.</p> | | | |