

Final Environmental Impact Report

STATE CLEARINGHOUSE #1995011048

Los Angeles County Countywide Siting Element Revision



Executive Summary
August 2022

A dense forest of birch trees with white bark and green foliage. The trees are tall and slender, with many small branches and leaves. The lighting is soft, suggesting a shaded forest environment.

The California Integrated Waste Management Act of 1989 (AB 939), as amended, requires each county to prepare a Countywide Siting Element that describes how the county, and the cities within the county, plan to manage the disposal of their solid waste for a 15-year planning period.

CONTENTS

- 5 INTRODUCTION
- 6 ENVIRONMENTAL PROCEDURES
- 8 EIR ORGANIZATION
- 10 PROJECT LOCATION
- 12 PROJECT SUMMARY
- 15 SUMMARY OF PROJECT ALTERNATIVES
- 20 ISSUES TO BE RESOLVED
- 21 AREAS OF CONTROVERSY
- 22 SUMMARY OF ENVIRONMENTAL IMPACTS,
MITIGATION MEASURES, AND LEVELS OF
SIGNIFICANCE AFTER MITIGATION





INTRODUCTION

Key Terms

CEQA:

Refers to California's broadest environmental law enacted by the State legislature in 1970 and amended thereafter. CEQA sets forth a process for public agencies on discretionary project approval. The process aids decision makers in determining whether any environmental impacts are associated with a proposed project. CEQA requires environmental impacts associated with a proposed project to be identified, disclosed, and avoided or mitigated to the maximum extent feasible.

This Environmental Impact Report (EIR) addresses the environmental effects associated with the implementation of the proposed Countywide Siting Element Revision (CSE Revision or Proposed Plan). The California Environmental Quality Act (CEQA) requires that local government agencies, prior to taking action on projects over which they have discretionary approval authority, consider the environmental consequences of such projects. An EIR is a public document designed to provide the public, and local and state governmental-agency decision makers, with an analysis of potential environmental impacts to support informed decision-making.

ENVIRONMENTAL PROCEDURES

This EIR has been prepared in accordance with CEQA. Because the CSE is a long-term plan that serves as a policy document for future facilities, it was determined that an EIR is the appropriate document to address the CEQA requirements. This EIR has been prepared in accordance with CEQA, Public Resources Code Section 21000 et seq., the CEQA Guidelines (Section 15000 et seq.) as promulgated by the California Resources Agency and the Governor's Office of Planning and Research. Per Section 15367 of the CEQA Guidelines, a Lead Agency is defined as "the public agency which has the principal responsibility for carrying out or approving a project." The Los Angeles County (County) Public Works is the Lead Agency for compliance with CEQA for this EIR.





Section 15002 of the CEQA Guidelines states that the basic purposes of CEQA are to:



Inform governmental decision makers and the public about the potential, significant environmental effects of proposed activities.



Identify the ways that environmental damage can be avoided or significantly reduced.



Prevent significant, avoidable damage to the environment by requiring changes in projects through the use of alternatives or mitigation measures when the governmental agency finds the changes to be feasible.



Disclose to the public the reasons why a governmental agency approved the project in the manner the agency chose if significant environmental effects are involved.

This document was prepared as a programmatic EIR consistent with the CEQA Guidelines (Section 15168).

EIR ORGANIZATION



The EIR has been organized as described below.

Section 1. Executive Summary: Summarizes the background and description of the Proposed Plan, the format of this EIR, project alternatives, any issues remaining to be resolved, and the potential environmental impacts and mitigation measures.

Section 2. Introduction: Describes the purpose of this EIR, background on the Proposed Plan, the Notice of Preparation (NOP), the use of incorporation by reference, and Final EIR certification.

Section 3. Project Description: A detailed description of the Proposed Plan, the objectives of the Proposed Plan, project location, approvals anticipated to be included as part of the project, and the intended uses of this EIR.

Section 4. Environmental Setting: A description of existing environmental conditions within the County (Plan Area) as they exist at the time the NOP is published (2014), from both a regional and local perspective. The environmental setting provides baseline physical conditions from which the lead agency determines the significance of environmental impacts resulting from the Proposed Plan.

Section 5. Environmental Analysis: Provides, for each environmental parameter analyzed, a description of the thresholds used to determine if a significant impact would occur; the methodology to identify and evaluate the potential impacts of the Proposed Plan; the existing environmental setting; the potential significant impacts of the Proposed Plan; the level of significance after mitigation is incorporated and the potential cumulative impacts associated with the Proposed Plan and other existing, approved, and proposed development in the Plan Area.

Section 6. Significant Unavoidable Adverse Impacts: Describes the significant unavoidable adverse impacts of the Proposed Plan.

Section 7. Alternatives: Describes the impacts of the alternatives to the Proposed Plan, including the No Project Alternative, Alternative 1 – Potential In-County Landfill Expansions, and Alternative 2 – Increase in Exports to Out-of-County Landfills.

Section 8. Impacts Found Not to be Significant: Briefly describes the potential impacts of the Proposed Plan that were determined not to be significant and were therefore not discussed in detail in this EIR.

Section 9. Significant Irreversible Changes due to the Proposed Project: Describes the significant irreversible environmental changes associated with the Proposed Plan.

Section 10. Growth-Inducing Impacts of the Proposed Project: Describes the ways in which the Proposed Plan would cause increases in population or employment that could result in new physical or environmental impacts.

Section 11. Response to Comments: County responses to all comments received during the scoping period.

Section 12. Mitigation Monitoring and Reporting Plan: Describes the required project mitigation and how it will be monitored and reported.

Section 13. Organizations and Persons Consulted Lists the people and organizations that were contacted during the preparation of this EIR.

Section 14. Qualifications of Persons Preparing EIR: Lists the people who prepared this EIR.

Section 15. Bibliography: A bibliography of the technical reports and other documentation used in the preparation of this EIR.

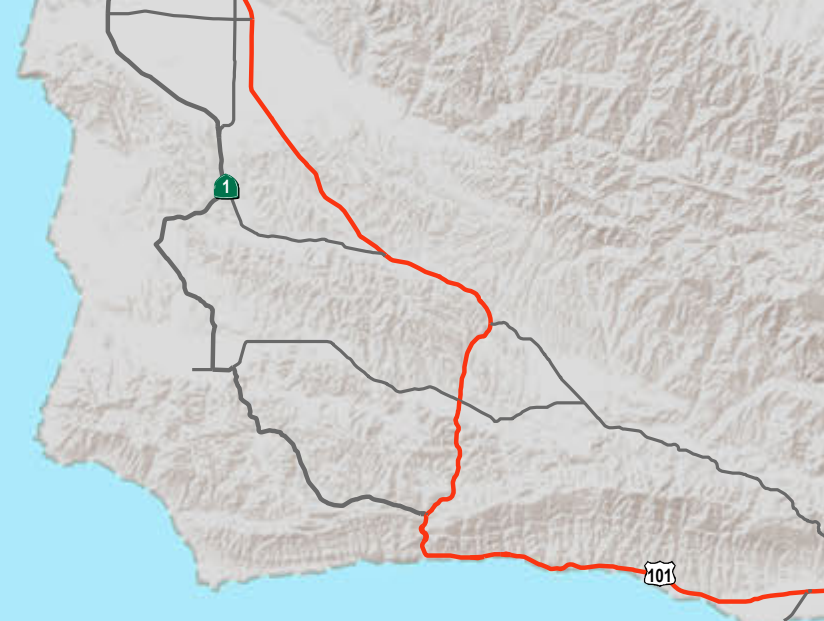
Appendices: Presents data supporting the analysis or contents of the EIR including the NOP and NOP comment letters, Initial Study, and Proposed Plan.

Key Terms

Alternative Technology (AT):

Refers to a technology, such as conversion technology, transformation, engineered municipal solid waste (EMSW) conversion, or other emerging technologies, capable of processing solid waste, in lieu of landfill disposal.

PROJECT LOCATION



The implementation of the Proposed Plan would affect the entire County (Plan Area), which is approximately 4,100 square miles¹. The Plan Area encompasses the unincorporated portions of the County and 88 incorporated cities of the County. The “Plan Area” for the purposes of this environmental document is contiguous with the limits of Los Angeles County. The Plan Area is bounded by Kern County to the north, San Bernardino County to the east and Ventura County to the west. To the south, the Plan Area is bounded by Orange County to the southeast and the Pacific Ocean to the southwest. San Clemente and Santa Catalina islands are both encompassed within the territory of the County; thus, they are considered part of the Plan Area.

To facilitate a consistent discussion for the geographical areas that could be affected with implementation of the Proposed Plan, the following terminologies are used throughout the EIR:

Plan Area: The Plan Area encompasses the unincorporated portions of the County and 88 incorporated cities of the County, including all existing solid waste management facilities (e.g., landfills); and

EIR Focus Area: The Proposed Plan includes the potential for up to eight new **alternative technology (AT)** facilities within the Plan Area. These potential future projects would occur at up to eight site locations (herein referred to as EIR Focus Area) within the Plan Area and are located within multiple cities and unincorporated areas of the County as further described in Section 3.4.

¹ Land area is the size, in square units (metric and nonmetric) of all areas designated as land in the Census Bureau’s national geographic (TIGER[®]) database.

The "Plan Area" for the purposes of this environmental document is contiguous with the limits of Los Angeles County.



Santa Catalina Island

San Clemente Island

PROJECT SUMMARY

Chiquita Canyon Landfill



Key Terms

Countywide Integrated Waste Management Plan (CIWMP):

Refers to a planning document required by the California Integrated Waste Management Act of 1989 (AB 939), as amended (Section 40000 et seq. of the PRC). The CIWMP is prepared by the County and includes all jurisdictions' Source Reduction and Recycling Elements (SRREs), Household Hazardous Waste Elements (HHWEs), Nondisposal Facility Elements (NDFEs), the CSE, and the Summary Plan.

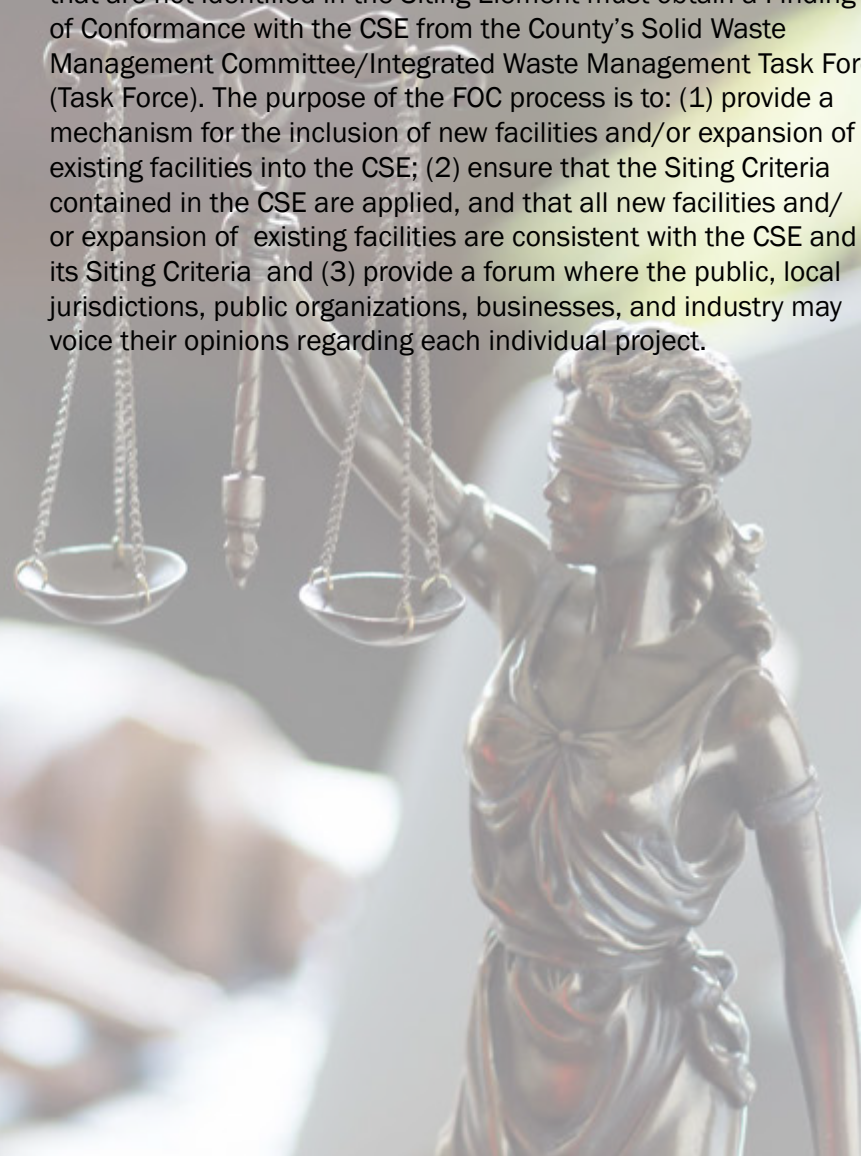
The County is seeking to revise the CSE, a long-term planning and policy document, which identifies the proposed management and disposal of solid waste generated in the County in accordance with the **Countywide Integrated Waste Management Plan (CIWMP 1997)**. The purpose of the revised CSE is to update strategies, policies, and guidelines to address solid waste disposal needs of the County for a 15-year planning period as mandated by a California Integrated Waste Management Act of 1989 (Assembly Bill 939).

The existing CSE, dated 1997, was approved in 1998. Similar to the 1997 CSE, the CSE Revision serves as a policy document rather than a specific development program. The CSE Revision contains goals and policies and establishes a Siting Criteria (Appendix 6-A of the CSE) for the development of new solid waste disposal facilities and expansion of existing solid waste disposal facilities over the 15-year planning period (2018 to 2033). The Proposed Plan identifies eight potential alternative technology (AT) facilities.

Subsequent Project-Level CEQA Review

Prior to implementation of any of the solid waste disposal facilities contemplated under the CSE, the proponent (or future owner/operator) would be required to obtain appropriate discretionary approvals and permits. The specific discretionary approvals and permit requirements would be determined once project-specific engineering, design and operations plans become available. Those plans should identify, at a minimum, facility type, processes that take place, type of accepted materials, substances used, substances emitted, and the environmental impact of substances handled or emitted as well as operational impacts. Although potential locations have been identified for new AT facilities, the type of facility is not known. In this context, subsequent project-level CEQA review is contemplated in conjunction with the following:

- **Land Use Entitlements.** For a proponent carrying out a project, the process by which a land use entitlement is obtained commences with the submission of an application to the local jurisdiction's planning division. The land use entitlements would be identified during a site plan review process and may include land use approvals such as a General Plan Amendment, Conditional Use Permit (CUP), Zone Change, or Variance.
- **Technical Operating Permits.** The regulations governing Class III landfill activities and potential AT facilities are interrelated and, in some cases, overlapping. Several agencies have permit and enforcement authority over the operation of a solid waste facility. Technical operating permits would include at a minimum Waste Discharge Requirements (WDRs) when applicable, a Solid Waste Facility Permit (SWFP), and Air Quality Permits to Construct and Operate. Other approvals may also be required depending on the specific site.
- **Finding of Conformance (FOC).** Solid waste disposal facilities that are not identified in the Siting Element must obtain a Finding of Conformance with the CSE from the County's Solid Waste Management Committee/Integrated Waste Management Task Force (Task Force). The purpose of the FOC process is to: (1) provide a mechanism for the inclusion of new facilities and/or expansion of existing facilities into the CSE; (2) ensure that the Siting Criteria contained in the CSE are applied, and that all new facilities and/or expansion of existing facilities are consistent with the CSE and its Siting Criteria and (3) provide a forum where the public, local jurisdictions, public organizations, businesses, and industry may voice their opinions regarding each individual project.



SUMMARY OF PROJECT ALTERNATIVES

As described in Section 7 of this EIR, three alternatives were considered but eliminated from further consideration in this EIR:

- Utilization of Existing Landfill Disposal Capacity – does not provide sufficient capacity for period.
- Meeting CalRecycle’s Statewide Disposal Target of 2.7 Pounds per Person per Day – aggressive diversion to meet 2.7 ppd not a reasonable assumption.
- No Utilization of AT Capacity – limits options to additional In or Out-of-County disposal capacity to prevent shortfall during planning period.

In addition, three **project alternatives** were identified and analyzed in detail for relative impacts as compared to the proposed CSE Revision:

- No Project Alternative (Status Quo)
- Alternative 1 – Potential In-County Landfill Expansions
- Alternative 2 – Increase in Exports to Out-of-County Landfills

Project Alternatives:

The California Environmental Quality Act (CEQA) requires that an Environmental Impact Report (EIR) include a discussion of reasonable project alternatives that would “feasibly attain most of the basic objectives of the project, but would avoid or substantially lessen any significant effects of the project, and evaluate the comparative merits of the alternatives” (CEQA Guidelines Section 15126.6).



The following presents a summary of each of the alternatives analyzed in the EIR. Please refer to Section 7 of this EIR for a complete discussion of how the alternatives were selected and the relative impacts associated with each alternative.

No Project Alternative (Status Quo)

The No Project Alternative assumes a continuation of the status quo under the existing 1997 CSE. Under the No Project Alternative, the County would leverage existing permitted In- and Out-of-County disposal facilities (excluding disposal at inert waste landfills) similar to existing conditions. Similar to the proposed CSE Revision, continued jurisdiction's diversion efforts (increasing countywide diversion rate to 75 percent by 2020 and thereafter) would be necessary to maintain sufficient disposal capacity reserve under this alternative. No In-County landfill expansions or expanded AT facilities would occur under this alternative. Under the No Project Alternative, the County would not experience a disposal capacity shortfall during the planning period.

Over the long term, the No Project Alternative would provide less than half the landfill disposal capacity reserve in 2033 when compared to the proposed CSE Revision. Additionally, the No Project alternative would limit the disposal capacity options available to the County.





Sunshine Canyon Landfill

Alternative 2 – Increase in Exports to Out-of-County Landfills

Alternative 2, Increase in Exports to Out-of-County Landfills, includes a solid waste management strategy that places greater emphasis on expanded Out-of-County landfill capacity. Similar to the proposed CSE Revision, this alternative assumes the following during the planning period: (1) use of existing In-County permitted disposal facilities (excluding disposal at inert waste landfills); (2) continued jurisdiction's diversion efforts (increasing countywide diversion rate to 75 percent by 2020 and thereafter); and (3) increase in exports to out-of-County landfills (including additional disposal capacity through the waste-by-rail system). No AT facilities would be constructed as part of this alternative during the planning period. The reduction in AT capacity would be accommodated by an increase in Out-of-County exports to adjacent jurisdictions. This alternative would be capable of providing the required disposal capacity over the planning period.

Alternative 1 – Potential In-County Class III Landfill Expansions

Alternative 1, Potential In-County Class III Landfill Expansion, includes a solid waste management strategy that places greater emphasis on expanded In-County landfill capacity. Similar to the proposed CSE Revision, this alternative assumes the following during the planning period: (1) use of existing In-County permitted disposal facilities (excluding disposal at inert waste landfills); (2) continued jurisdiction's diversion efforts (increasing countywide diversion rate to 75 percent by 2020 and thereafter); and (3) utilization of current exports to out-of-County landfills. No new AT facilities would be constructed under this alternative. To provide the required In-County landfill capacity, this alternative would include expansion at one or more existing landfills within the County to compensate for the disposal capacity provided by AT facilities under the Proposed Plan. This alternative would provide sufficient disposal capacity during the planning period.



Frank R. Bowerman Landfill



Environmentally Superior Alternative

CEQA requires a lead agency to identify an “environmentally superior alternative” to the Proposed Project. In cases where the “No Project” Alternative is environmentally superior, CEQA requires the lead agency to identify environmentally superior amongst the actionable alternatives under consideration. For this EIR, the County considered three alternatives to the proposed Plan: (1) No Project Alternative (Status Quo); (2) Alternative 1 – Potential In-County Class III Landfill Expansion; and (3) Alternative 2 – Increase in Exports to Out-of-County Landfills.

Following the County’s consideration of these alternatives, the County concluded that although the No Project Alternative reduces some of the impacts identified for the proposed Plan; it also results in greater impacts from GHG emissions, truck emissions, and plan consistency compared to the proposed Plan. Additionally, the No Project Alternative fails to meet most of the project goals and objectives, including complying with State law.

Alternatives 1 and 2 provide slight variations in the way the County achieves its total daily disposal capacity and assume the same level of solid waste diversion through maximizing reuse, recycling and composting programs. These alternatives would essentially replace the increase in daily AT daily disposal capacity as proposed under the CSE Update with additional In- or Out-of-County landfill capacity. As a result, these alternatives are unlikely to avoid significant air quality impacts and would negate the opportunity for lowering GHG emissions in the future, as proposed under the CSE Update. For these reasons, the County concluded that the proposed Plan is environmentally superior. Of the alternatives considered, Alternative 2 is considered environmental superior to Alternative 1 given that it avoids significant environmental impacts associated with In-County landfill expansions (e.g. aesthetics, biological resources, etc.)



ISSUES TO BE RESOLVED

Section 15123(b)(3) of the CEQA Guidelines requires that an EIR contain issues to be resolved including the choice among alternatives and whether or how to mitigate significant impacts. With regard to the Proposed Plan, the major issues to be resolved include decisions by the lead agency as to the following:

- Whether this EIR adequately describes the environmental impacts of the Proposed Plan.
- Whether the identified goals, policies, or mitigation measures should be adopted or modified.
- Whether there are any alternatives to the Proposed Plan that would substantially lessen any of the significant impacts of the Proposed Plan and achieve most of the basic project objectives.

AREAS OF CONTROVERSY

No areas of controversy were identified during the initial scoping process for this EIR and none have been identified during preparation of this document.

SUMMARY OF ENVIRONMENTAL IMPACTS, MITIGATION MEASURES, AND LEVELS OF SIGNIFICANCE AFTER MITIGATION

Table 1-1 summarizes the conclusions of the environmental analysis contained in this EIR and are relevant to the Proposed Plan, not individual projects/facilities contemplated in the Plan. Impacts are identified as significant or less than significant and for all significant impacts, mitigation measures are identified. The level of significance after implementation of the mitigation measures is also presented.

Sites and projects contemplated in the Proposed Plan will be subject to all requirements of CEQA; Federal, State, regional, and local rules and regulations (e.g., land use and solid waste facility permitting); environmental justice requirements; and maintain consistency with the jurisdictions' General Plan.



Table 1-1. Summary of Environmental Impacts, Mitigation Measures and Levels of Significance After Mitigation

KEY

Level of Impact Before and After Implementation of Mitigation Measures.



Less than Significant Impact



Potentially Significant Impact



Significant Impact and Unmitigable

Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------



Aesthetics

Impact 5.1-1: The development of future facilities contemplated under the proposed Plan could have a substantial adverse effect on a scenic vista.



No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE, which requires new facilities to be compatible with the land use and zoning requirements in the area. The following siting criteria would apply to potential future facilities:
 All Facilities: Facility must be in conformance with local land use and zoning requirements of a county or city planning agency.
 Alternative Technology Facilities: These facilities should be located where the zoning and existing land use are compatible with the proposed use.
 All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.



Impact 5.1-2: The development of future facilities contemplated under the proposed Plan could substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway.





No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE, which requires new facilities to be compatible with the land use and zoning requirements in the area. The following siting criteria would apply to potential future facilities:
 All Facilities: Facility must be in conformance with local land use and zoning requirements of a county or city planning agency.
 Alternative Technology Facilities: These facilities should be located where the zoning and existing land use are compatible with the proposed use.
 All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.





Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------





Aesthetics

<p>Impact 5.1-3: The development of future facilities contemplated under the proposed Plan could substantially degrade the existing visual character of the site and its surroundings.</p>		<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE, which requires new facilities to protect aesthetic resources and to be compatible with the land use and zoning requirements in the area. The following siting criteria would apply to potential future facilities: All Facilities: Facility must be in conformance with local land use and zoning requirements of a county or city planning agency. Alternative Technology Facilities: These facilities should be located where the zoning and existing land use are compatible with the proposed use. All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	
--	---	---	---

<p>Impact 5.1-4: The development of future facilities contemplated under the proposed Plan could create a new source of substantial light or glare which would adversely affect day or nighttime views in the area.</p>		<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE, which requires new facilities to be compatible with the land use and zoning requirements in the area. The following siting criteria would apply to potential future facilities: All Facilities: Facility must be in conformance with local land use and zoning requirements of a county or city planning agency. Alternative Technology Facilities: These facilities should be located where the zoning and existing land use are compatible with the proposed use. All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	
---	---	--	---



Air Quality

<p>Impact 5.2-1: The development of future facilities contemplated under the proposed Plan would not conflict with or obstruct implementation of the applicable air quality plan.</p>		<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE, which requires new facilities to be compatible with the land use and zoning requirements in the area. The following siting criteria would apply to potential future facilities: All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	
---	---	--	---

Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------

Air Quality

Impact 5.2-2: The development of future facilities contemplated under the proposed Plan could violate an air quality standard or contribute substantially to an existing or projected air quality violation.

PS

AQ-1 Air Emission Reduction Measures during Construction.

Consistent with the provisions of Section 15091 of the State CEQA Guidelines, the County has identified mitigation measures that are within the jurisdiction and authority of the California Air Resources Board (CARB), the County, local AQMDs, and other regulatory agencies (e.g., cities). Where the Lead Agency has identified that construction emissions for a future project has the potential to violate an air quality standard or contribute substantially to an existing air quality violation, the Lead Agency shall consider the integration of the following measures, or other comparable measures, to facilitate consistency with plans for attainment of the National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS), as applicable and feasible.

S

- Limits construction-related fugitive dust through the following:
 - Minimize land disturbance;
 - Suspend grading and earth moving when wind gusts exceed 25 miles per hour unless the soil is wet enough to prevent dust plumes;
 - Cover trucks when hauling dirt;
 - Stabilize the surface of dirt piles if not removed immediately;
 - Limit vehicular paths on unpaved surfaces and stabilize any temporary roads; and
- Use watering trucks to minimize dust (watering should be sufficient to confine dust plumes to the project work areas).
- Require contractors to assemble a comprehensive inventory list (i.e., make, model, engine year, horsepower, emission rates) of all heavy-duty off-road (portable and mobile) equipment (50 horsepower and greater) that could be used an aggregate of 40 or more hours for the construction project. Prepare a plan for approval by the applicable air district demonstrating achievement of the applicable percent reduction for a CARB-approved fleet, including coordinated truck routes that will minimize the total number of truck routes and trucks as well as lengths of trips, as appropriate.
- Develop a traffic plan to minimize traffic flow interference from construction activities. Schedule operations affecting traffic for off-peak hours. Minimize obstruction of through-traffic lanes. Provide a flag person to guide traffic properly and ensure safety at construction sites.
- As appropriate require that portable engines and portable engine-driven equipment units used at the project work site, with the exception of on-road and off-road motor vehicles, obtain CARB Portable Equipment Registration with the state or a local district permit. Arrange appropriate consultations with the CARB or the District to determine registration and permitting requirements prior to equipment operation at the site.

AQ-2 Air Emission Reduction Measures during Operations

Consistent with the provisions of Section 15091 of the State CEQA Guidelines, the County has identified mitigation measures that are within the jurisdiction and authority of the CARB, the County, local AQMDs, and other regulatory agencies (e.g., cities). Where the Lead Agency has identified that operational emissions for a future project has the potential to violate an air quality standard or contribute substantially to an existing air quality violation, the Lead Agency shall consider the integration of the following measures, or other comparable measures, to facilitate consistency with plans for attainment of the NAAQS and CAAQS, as applicable and feasible. During the facility design phase, a review of local AQMD rules shall be conducted to determine site-specific permit requirements for waste processing or handling facilities that may emit or potentially emit VOCs, particulates, CO, NO_x or SO_x. Emissions of non-conventional pollutants and HAPs (Title V-Major Sources) shall comply with federal and state permitting rules. Compliance with the following rules and regulations, at a minimum, shall be required, as applicable:

Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------



Air Quality

<p>Impact 5.2-3: The development of future facilities contemplated under the proposed Plan could expose sensitive receptors to substantial pollutant concentrations.</p>	<p>PS</p>	<p>AQ-2 Air Emission Reduction Measures during Operations Consistent with the provisions of Section 15091 of the State CEQA Guidelines, the County has identified mitigation measures that are within the jurisdiction and authority of the CARB, the County, local AQMDs, and other regulatory agencies (e.g., cities). Where the Lead Agency has identified that operational emissions for a future project has the potential to violate an air quality standard or contribute substantially to an existing air quality violation, the Lead Agency shall consider the integration of the following measures, or other comparable measures, to facilitate consistency with plans for attainment of the NAAQS and CAAQS, as applicable and feasible. During the facility design phase, a review of local AQMD rules shall be conducted to determine site-specific permit requirements for waste processing or handling facilities that may emit or potentially emit VOCs, particulates, CO, NOx or SOx. Emissions of non-conventional pollutants and HAPs (Title V-Major Sources) shall comply with federal and state permitting rules. Compliance with the following rules and regulations, at a minimum, shall be required, as applicable:</p> <ul style="list-style-type: none"> ▪ Airborne Toxic Control Measure to Limit Diesel-Fuel Commercial Vehicle Idling (13 CCR 2485) ▪ In-Use Off-Road Diesel Idling Restriction (13 CCR 2449) ▪ Building Energy Efficiency Standards (Title 24, Part 6) ▪ California Green Building Code (Title 24, Part 11) ▪ SCAQMD Rule 201: Permit to Construct, Rule 403: Fugitive Dust, Rule 1113: Architectural Coatings, and Rule 1403: Asbestos Emissions from Demolition/Renovation Activities ▪ AVAQMD Rule 201: Permit to Construct, Rule 203: Permit to Operate, Rule 403 and 403.2: Fugitive Dust Control, and Regulation XIII, New Source Review ▪ Control of Hazardous Dust Conditions (County Code Chapter 12.32) 	<p>LS</p>
<p>Impact 5.2-4: The development of future facilities contemplated under the proposed Plan could create objectionable odors affecting a substantial number of people.</p>	<p>PS</p>	<p>AQ-3 Minimization of Odors. An odor analysis shall be prepared as part of future project-specific air quality analyses, as required by local AQMD. If the odor analysis identifies the potential for a significant impact, the facility shall incorporate odor-reducing design features. Such features may include, but are not limited to: Provision of exhaust fans to provide multiple air exchanges every hour Treatment of air leaving the building by an odor neutralizing misting system Maintaining negative pressure at the building entrances to minimize the amount of untreated air leaving the building</p>	<p>LS</p>

Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------









Biological Resources

<p>Impact 5.3-1: The development of future facilities contemplated under the proposed Plan could have a substantial adverse effect, either directly or through habitat modifications, on any species identified as candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service.</p>		<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities: All Facilities: A facility should not be located in habitats of threatened or endangered species unless the local land use authority makes a determination that a proposed facility is compatible with the surrounding resources and does not pose a substantial threat to the resource. All Facilities: Location of a proposed facility must be in conformance with a local jurisdiction's General Plan and abide by federal and state regulations regarding unique or protected species and their habitat. All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	
<p>Impact 5.3-2: The development of future facilities contemplated under the proposed Plan could have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service.</p>		<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities: All Facilities: A facility should not locate in habitats of threatened or endangered species unless the local land use authority makes a determination that a proposed facility is compatible with the surrounding resources and does not pose a substantial threat to the resource. All Facilities: Location of a proposed facility must be in conformance with a local jurisdiction's General Plan and abide by federal and state regulations regarding unique or protected species and their habitat. All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	
<p>Impact 5.3-3: The development of future facilities contemplated under the proposed Plan could have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including but not limited to marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means.</p>		<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities: Alternative Technology Facilities: Facilities should avoid locating in current wetland areas, as defined in adopted general, regional, and State plans, unless: (a) industrial usage is permitted by the local government's land use planning or zoning, and (b) fish, plant, and wildlife resources can be maintained and enhanced in a portion of the site, or preserved elsewhere in the area. Land Disposal Facilities: Facilities should be located outside wetland areas, as defined in adopted general, regional, and State plans. All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	

Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------



Biological Resources

<p>Impact 5.3-4: The development of future facilities contemplated under the proposed Plan could interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites.</p>		<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities: All Facilities: A facility should not locate in habitats of threatened or endangered species unless the local land use authority makes a determination that a proposed facility is compatible with the surrounding resources and does not pose a substantial threat to the resource. All Facilities: Location of a proposed facility must be in conformance with a local jurisdiction's General Plan and abide by federal and state regulations regarding unique or protected species and their habitat. All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	
<p>Impact 5.3-5: The development of future facilities contemplated under the proposed Plan could conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance.</p>		<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities: All Facilities: Location of a proposed facility must be in conformance with a local jurisdiction's General Plan and abide by federal and state regulations regarding unique or protected species and their habitat. All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	
<p>Impact 5.3-6: The development of future facilities contemplated under the proposed Plan could conflict with the provisions of an adopted Habitat Conservation Plan, or other approved local, regional, or state habitat conservation plan.</p>		<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities: All Facilities: A facility should not locate in habitats of threatened or endangered species unless the local land use authority makes a determination that a proposed facility is compatible with the surrounding resources and does not pose a substantial threat to the resource. All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	

Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------



Cultural Resources

<p>Impact 5.4-1: The development of future facilities contemplated under the proposed Plan could cause a substantial adverse change in the significance of a historical resource as defined in Section 15064.5.</p>	<p>LS</p>	<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE to protect the value of land containing natural, recreational, cultural or aesthetic resources. The following siting criteria would apply to potential future facilities: All Facilities: Facilities should avoid locating in these areas unless the applicant can demonstrate that a facility is compatible with the land use in the area. All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirement</p>	<p>LS</p>
<p>Impact 5.4-2: The development of future facilities contemplated under the proposed Plan could cause a substantial adverse change in the significance of an archeological resource pursuant to Section 15064.5.</p>	<p>LS</p>	<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE to protect the value of land containing natural, recreational, cultural or aesthetic resources. The following siting criteria would apply to potential future facilities: All Facilities: Facilities should avoid locating in these areas unless the applicant can demonstrate that a facility is compatible with the land use in the area. All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	<p>LS</p>
<p>Impact 5.4-3: The development of future facilities contemplated under the proposed Plan could directly or indirectly destroy unique paleontological resource or site or unique geologic feature.</p>	<p>LS</p>	<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE to protect the value of land containing natural, recreational, cultural or aesthetic resources. The following siting criteria would apply to potential future facilities: All Facilities: Facilities should avoid locating in these areas unless the applicant can demonstrate that a facility is compatible with the land use in the area. All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	<p>LS</p>
<p>Impact 5.4-4: The development of future facilities contemplated under the proposed Plan could disturb human remains, including those interred outside of a formal cemetery.</p>	<p>LS</p>	<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE to protect the value of land containing natural, recreational, cultural or aesthetic resources. The following siting criteria would apply to potential future facilities: All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	<p>LS</p>

Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------



Geology/Soils

<p>Impact 5.5-1: The development of future facilities contemplated under the proposed Plan could expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:</p> <ul style="list-style-type: none"> Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault. (Refer to Division of Mines and Geology Special Publication 42.) Strong seismic ground shaking. <p>Seismic-related ground failure, including liquefaction.</p> <ul style="list-style-type: none"> Landslides. 		<p>No mitigation measures are required.</p> <p>Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities:</p> <p>All Facilities: All facilities are to be designed and constructed in accordance with the local building code.</p> <p>Class III Land Disposal Facilities: Federal and State regulations prohibit the locating of a new Class III landfill or an expansion of an existing Class III landfill on a known Holocene Fault.</p> <p>All Facilities: Facilities located within these areas should have engineered design features to assure structural stability.</p> <p>All Facilities: Avoid locating in areas determined to have a high potential for failure due to subsidence or liquefaction unless containment structures are designed, constructed, and maintained to preclude failure as a result of such change.</p> <p>Land Disposal Facilities: For Class III landfills, all containment structures must be capable of withstanding hydraulic pressure gradients to prevent failure due to settlement, compression, or uplift as certified by a registered civil engineer or engineering geologist registered in California.</p> <p>All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	
<p>Impact 5.5-2: The development of future facilities contemplated under the proposed Plan could result in substantial soil erosion or the loss of topsoil.</p>		<p>No mitigation measures are required.</p> <p>Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities:</p> <p>All Facilities: Facilities located within these areas should have engineered design features to assure structural stability.</p> <p>All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	

Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------



Geology/Soils

Impact 5.5-3: The development of future facilities contemplated under the proposed Plan could be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse.



No mitigation measures are required.
 Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities:
 All Facilities: Facilities located within these areas should have engineered design features to assure structural stability.
 All Facilities: Avoid locating in areas determined to have a high potential for failure due to subsidence or liquefaction unless containment structures are designed, constructed, and maintained to preclude failure as a result of such change.
 Land Disposal Facilities: For Class III landfills, all containment structures must be capable of withstanding hydraulic pressure gradients to prevent failure due to settlement, compression, or uplift as certified by a registered civil engineer or engineering geologist registered in California.
 All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.



Impact 5.5-4: The development of future facilities contemplated under the proposed Plan could be located on expansive soil, as defined in Table 18-1 of the Uniform Building Code (1994), creating substantial risks to life or property.



No mitigation measures are required.
 Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities:
 All Facilities: Facilities located within these areas should have engineered design features to assure structural stability.
 All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.



Impact 5.5-5: The development of future facilities contemplated under the proposed Plan would not be located on a site containing project soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of waste water



No mitigation measures are required.
 Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities:
 All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.



Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------



Greenhouse Gas Emissions

<p>Impact 5.6-1: The development of future facilities contemplated under the proposed Plan could generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment.</p>		<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities: All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	
<p>Impact 5.6-2: The development of future facilities contemplated under the proposed Plan would not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs.</p>		<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities: All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	



Hazards and Hazardous Materials

<p>Impact 5.7-1: The development of future facilities contemplated under the proposed Plan would be subject to existing federal, state, and local regulations and would not create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials.</p>		<p>No mitigation measures are required.</p>	
--	--	---	--

Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------



Hazards and Hazardous Materials

Impact 5.7-2: The development of future facilities contemplated under the proposed Plan would be subject to existing federal, state, and local regulations governing the uses and transport of hazardous materials. For this reason, adoption of the Plan would not 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.

LS

No mitigation measures are required.

LS

Impact 5.7-3: The development of future facilities contemplated under the proposed Plan would be subject to the facility siting criteria in Table 6A of the CSE and, therefore, would not emit hazardous emissions or handle hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school.

LS

No mitigation measures are required.

LS

Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------



Hazards and Hazardous Materials

<p>Impact 5.7-4: The development of future facilities contemplated under the proposed Plan would be subject to the facility siting criteria in Table 6A of the CSE. Compliance with the CSE in conjunction with local regulations, the Proposed Plan would not create a significant hazard to the environment, including accidental upset of a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5.</p>		<p>No mitigation measures are required.</p>	
<p>Impact 5.7-5: No new facilities are proposed within the vicinity of an airport, which could otherwise result in a safety hazard for people residing or working in the area. If proposed in the future, the development of future facilities would be required to comply with the facility siting criteria in Table 6A of the CSE.</p>		<p>No mitigation measures are required.</p>	
<p>Impact 5.7-6: The development of future facilities contemplated under the proposed Plan would be subject to the facility siting criteria in Table 6A of the CSE and would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan.</p>		<p>No mitigation measures are required.</p>	

Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------



Hazards and Hazardous Materials

Impact 5.7-7: The development of future facilities contemplated under the proposed Plan would not expose people or structures to a significant risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to the urbanized areas or where residences are intermixed with wildlands.

LS

No mitigation measures are required.

LS



Hydrology and Water Quality

Impact 5.8-1: The development of future facilities contemplated under the proposed Plan could violate water quality standards or waste discharge requirements.

LS

No mitigation measures are required.

Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities:

All Facilities: Disposal facilities must comply with requirements of the Federal Clean Water Act, as amended, and local Stormwater/Urban Runoff requirements.

Class III Land Disposal Facilities: Federal and State regulations require new and expansion of existing Class III landfills to be fitted with containment systems that meet specified permeability standards, as well as precipitation and drainage control system.

Facilities Generating Wastewaters: Facilities should be located in areas with adequate sewer capacity to accommodate the expected wastewater discharge. If sewers are not available, on-site treatment should be considered. Alternately, wastewaters could also be transported in bulk via highways to facilities capable of treating them.

Facilities discharging into streams or into the ocean, directly or via storm drains, will require National Pollutant Discharge Elimination System (NPDES) permits issued by the Regional Water Quality Control Board. The NPDES permit sets limitations on the quantity and quality of the waste discharges, and may specify engineering and technical requirements to ensure compliance.

Land Disposal Facilities: Facilities must meet the California Regional Water Quality Control Board's minimum water quality protection standards and criteria in order to ensure no impairment of the beneficial uses of groundwater beneath or adjacent to the landfill.







All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.

LS

Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------



Hydrology and Water Quality

<p>Impact 5.8-2: The development of future facilities contemplated under the proposed Plan could substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level.</p>		<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities: Land Disposal Facilities: Facilities must comply with the California RWQCB permit requirements for groundwater monitoring. Land Disposal Facilities: Facilities must meet the State of California’s minimum requirements for ensuring no impairment of beneficial use of surface water or of groundwater beneath or adjacent to the landfill, which also includes location restrictions. All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	
<p>Impact 5.8-3: The development of future facilities contemplated under the proposed Plan could substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in a substantial erosion or siltation on- or off-site.</p>		<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities: All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	
<p>Impact 5.8-4: The development of future facilities contemplated under the proposed Plan could substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site.</p>		<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities: All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	

Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------



Hydrology and Water Quality

Impact 5.8-5: The development of future facilities contemplated under the proposed Plan could create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff.

LS

No mitigation measures are required.

Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities:

All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.

LS

Impact 5.8-6: The development of future facilities contemplated under the proposed Plan could otherwise substantially degrade water quality.

LS

No mitigation measures are required.

Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities:

Facilities Generating Wastewaters: Facilities should be located in areas with adequate sewer capacity to accommodate the expected wastewater discharge. If sewers are not available, on-site treatment should be considered. Alternately, wastewaters could also be transported in bulk via highways to facilities capable of treating them.

Land Disposal Facilities: Federal and State regulations require new and expansions of existing Class III landfills to be fitted with containment systems that meet specified permeability standards. In addition, the facility must be fitted with a groundwater protection system and a leachate collection and removal system.

All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.

LS

Impact 5.8-7: The development of future facilities contemplated under the proposed Plan could impede or redirect flood flows, or expose people or structures to a significant risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam.

LS

No mitigation measures are required.

Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities:

All Facilities: Disposal facilities must comply with requirements of the Federal Clean Water Act, as amended, and local Stormwater/Urban Runoff requirements.

Land Disposal Facilities: Federal and State regulations require new, existing, and expansions of existing Class III landfills to be designed, constructed, operated, and maintained to prevent inundation or washout due to floods with a 100-year return period. In addition, the landfill must not reduce the flow of a 100-year flood or reduce the temporary storage capacity of the floodplain.

All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.

LS

Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------



Hydrology and Water Quality

Impact 5.8-8: The development of future facilities contemplated under the proposed Plan could be subject to inundation by seiche, tsunami, or mudflow.



No mitigation measures are required.
 Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities:
 All Facilities: Facilities should be located outside dam failure inundation areas.
 All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.



Land Use and Planning

Impact 5.9-1: The development of future facilities contemplated under the proposed Plan would not physically divide an established community.



No mitigation measures are required.
 Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE, which requires new facilities to be compatible with the land use and zoning requirements in the area. The following siting criteria would apply to potential future facilities:
 All Facilities: Facility must be in conformance with local land use and zoning requirements of a county or city planning agency.
 Alternative Technology Facilities: These facilities should be located where the zoning and existing land use are compatible with the proposed use.
 All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.



Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------



Land Use and Planning

Impact 5.9-2: The development of future facilities contemplated under the proposed Plan could conflict with an applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect.



No mitigation measures are required.
 Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE, which requires new facilities to be compatible with the land use and zoning requirements in the area. The following siting criteria would apply to potential future facilities:
 All Facilities: Facility must be in conformance with local land use and zoning requirements of a county or city planning agency.
 Alternative Technology Facilities: These facilities should be located where the zoning and existing land use are compatible with the proposed use.
 All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.
 All Facilities: The proposed facility must be consistent with the county or city General Plan. However, the applicant may petition for an amendment to the General Plan. In addition, the proposed facility must be found to be in conformance with the Countywide Siting Element of the County of Los Angeles. This is accomplished by obtaining a valid Finding of Conformance granted by the Los Angeles County Solid Waste Management Committee/Integrated Waste Management Task Force.



Notwithstanding future projects compliance with the above siting criteria, the potential exists for one or more AT facilities to be located within close proximity of residential uses, which in certain cases may be non-confirming with the current General Plan designation or zoning. As a result, issues related nuisance affects (e.g. odors) or health risk may be a concern. This issues is considered a significant impact requiring mitigation.

Impact 5.9-3: The development of future facilities contemplated under the proposed Plan could conflict with an applicable habitat conservation plan or natural community conservation plan.





No mitigation measures are required.
 Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities:
 All Facilities: A facility should not locate in habitats of threatened or endangered species unless the local land use authority makes a determination that a proposed facility is compatible with the surrounding resources and does not pose a substantial threat to the resource.
 All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.



Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------







Mineral Resources

<p>Impact 5.10-1: The development of future facilities contemplated under the proposed Plan could result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan.</p>		<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities: All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	
--	---	--	---



Noise

<p>Impact 5.11-1: The development of future facilities contemplated under the proposed Plan could result in the exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies.</p>		<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities: All Facilities: Facility must be in conformance with local land use and zoning requirements of a county or city planning agency. All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	
<p>Impact 5.11-2: The development of future facilities contemplated under the proposed Plan could result in the exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels.</p>		<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities: Land Disposal Facilities: Los Angeles County prohibits construction of buildings or structures on or within 1,000 feet of a land disposal facility which contains decomposable materials/waste unless the facility is located by an approved natural or manmade protection system. The Cities within Los Angeles County may have similar restrictions. All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	

Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------



Noise

<p>Impact 5.11-3: The development of future facilities contemplated under the proposed Plan could result in a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project.</p>		<p>No mitigation measures are required.</p> <p>Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities:</p> <p>All Facilities: Facility must be in conformance with local land use and zoning requirements of a county or city planning agency.</p> <p>Land Disposal Facilities: Los Angeles County prohibits construction of buildings or structures on or within 1,000 feet of a land disposal facility which contains decomposable materials/waste unless the facility is located by an approved natural or manmade protection system. The Cities within Los Angeles County may have similar restrictions.</p> <p>All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	
<p>Impact 5.11-4: The development of future facilities contemplated under the proposed Plan could result in a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project.</p>		<p>No mitigation measures are required.</p> <p>Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities:</p> <p>Land Disposal Facilities: Los Angeles County prohibits construction of buildings or structures on or within 1,000 feet of a land disposal facility which contains decomposable materials/waste unless the facility is located by an approved natural or manmade protection system. The Cities within Los Angeles County may have similar restrictions.</p> <p>All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	



Population and Housing

<p>Impact 5.12-1: The development of future facilities contemplated under the proposed Plan would not induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure).</p>		<p>No mitigation measures are required.</p>	
--	--	---	--

Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------



Population and Housing

Impact 5.12-2: The development of future facilities contemplated under the proposed Plan could displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere.	LS	No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities: All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.	LS
Impact 5.12-3: The development of future facilities contemplated under the proposed Plan could displace substantial numbers of people, necessitating the construction of replacement housing elsewhere.	LS	No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities: All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.	LS



Public Services and Recreation

Impact 5.13-1: The development of future facilities contemplated under the proposed Plan could create staffing or response time problems at the fire station or sheriff's substation serving the project site.	LS	No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE to protect aesthetic resources. The following siting criteria would apply to potential future facilities: All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.	LS
--	----	--	----

Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------



Transportation

Impact 5.14-1: The development of future facilities contemplated under the proposed Plan could conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit.



No mitigation measures are required.
 Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities:
 All Facilities: Facilities should be centrally located near watershed areas to minimize potential impacts associated with greater travel distances.
 Alternate transportation, by rail, may be evaluated in regard to specific sites to be located at distant areas from the watershed.
 All Facilities: Facilities should be located such that any minor routes from the major route to the facility are primarily by trucks, and the number of nonindustrial structures (homes, hospitals, schools, etc.) is minimal.
 All Facilities: The minimum time path from major watershed areas to a facility should follow highways with low to moderate average annual daily traffic and accident rates as guided by the research and findings of state, regional, county, and city transportation planners.
 All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.



Impact 5.14-2: The development of future facilities contemplated under the proposed Plan could conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways.



No mitigation measures are required.
 Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities:
 All Facilities: The minimum time path from major watershed areas to a facility should follow highways with low to moderate average annual daily traffic and accident rates as guided by the research and findings of state, regional, county, and city transportation planners.
 All Facilities: The changes in the ratio capacity to average annual daily traffic (AADT) should be negligible after calculating the number of trucks on the major and minor routes expected to service the facility.
 All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.



Impact 5.14-3: The development of future facilities contemplated under the proposed Plan could substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses.



No mitigation measures are required.
 Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities:
 All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.



Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------



Utilities and Service Systems

<p>Impact 5.15-1: The development of future facilities contemplated under the proposed Plan could exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board.</p>		<p>No mitigation measures are required.</p> <p>Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities:</p> <p>Facilities Generating Wastewaters: Facilities should be located in areas with adequate sewer capacity to accommodate the expected wastewater discharge. If sewers are not available, on-site treatment should be considered. Alternately, wastewaters could also be transported in bulk via highways to facilities capable of treating them.</p> <p>Facilities discharging into streams or into the ocean, directly or via storm drains, will require National Pollutant Discharge Elimination System (NPDES) permits issued by the Regional Water Quality Control Board. The NPDES permit sets limitations on the quantity and quality of the waste discharges, and may specify engineering and technical requirements to ensure compliance.</p> <p>All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	
<p>Impact 5.15-2: The development of future facilities contemplated under the proposed Plan could require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects.</p>		<p>No mitigation measures are required.</p> <p>Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities:</p> <p>Facilities Generating Wastewaters: Facilities should be located in areas with adequate sewer capacity to accommodate the expected wastewater discharge. If sewers are not available, on-site treatment should be considered. Alternately, wastewaters could also be transported in bulk via highways to facilities capable of treating them.</p> <p>Facilities discharging into streams or into the ocean, directly or via storm drains, will require National Pollutant Discharge Elimination System (NPDES) permits issued by the Regional Water Quality Control Board. The NPDES permit sets limitations on the quantity and quality of the waste discharges, and may specify engineering and technical requirements to ensure compliance.</p> <p>All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	
<p>Impact 5.15-3: The development of future facilities contemplated under the proposed Plan could require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects.</p>		<p>No mitigation measures are required.</p> <p>Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities:</p> <p>Facilities discharging into streams or into the ocean, directly or via storm drains, will require National Pollutant Discharge Elimination System (NPDES) permits issued by the Regional Water Quality Control Board. The NPDES permit sets limitations on the quantity and quality of the waste discharges, and may specify engineering and technical requirements to ensure compliance.</p> <p>All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	

Environmental Impact	Before Mitigation	Proposed Mitigation Measures	After Mitigation
----------------------	-------------------	------------------------------	------------------



Utilities and Service Systems

<p>Impact 5.15-4: The development of future facilities contemplated under the proposed Plan could need new or expanded water entitlements.</p>	<p>LS</p>	<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities: All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	<p>LS</p>
<p>Impact 5.15-5: The development of future facilities contemplated under the proposed Plan could result in the determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments.</p>	<p>LS</p>	<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities: Facilities Generating Wastewaters: Facilities should be located in areas with adequate sewer capacity to accommodate the expected wastewater discharge. If sewers are not available, on-site treatment should be considered. Alternately, wastewaters could also be transported in bulk via highways to facilities capable of treating them. Facilities discharging into streams or into the ocean, directly or via storm drains, will require National Pollutant Discharge Elimination System (NPDES) permits issued by the Regional Water Quality Control Board. The NPDES permit sets limitations on the quantity and quality of the waste discharges, and may specify engineering and technical requirements to ensure compliance. All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	<p>LS</p>
<p>Impact 5.15-6: The development of future facilities contemplated under the proposed Plan would have sufficient permitted capacity to accommodate the project's solid waste disposal needs.</p>	<p>LS</p>	<p>No mitigation measures are required. Future facilities will be required to comply with the Siting Criteria in Appendix 6-A of the CSE. The following siting criteria would apply to potential future facilities: All Facilities: New and expansions of existing disposal facilities shall be required at all times to be in compliance with applicable federal, state and local statutes, permits, minimum operating standards and monitoring requirements.</p>	<p>LS</p>



**A
Trash
Solution
for a
Green
Evolution**

