

APPENDIX E
NEW COMPOSTING FACILITY IMPACT EXAMPLES

CEQA Document Review – Composting Facility Impacts and Mitigations

Project Name	Location (City)	CEQA Document Type	Clearinghouse Number	Reference	Considered for Review	Reference
Sonoma County Waste Management Agency Compost Facility	City of Petaluma	EIR	2008122007	SCWMA 2013. Sonoma County Waste Management Agency Composting Facility Final EIR. Environmental Science Associates. December 2013.	x	
Napa Renewable Resources Project	City of Napa	MND	File No. PL 12-0022	Napa 2013. Mitigated Negative Declaration: Napa Renewable Resources Project. September 2013.	x	
Nursery Products LLC, Hawes Composting Facility	unincorporated San Bernardino County	EIR	2006051021	San Bernardino 2009. Final Supplemental EIR, Nursery Products LLC, Hawes Composting Facility. November 2009	x	
Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project	Kerman	MND		City of Kerman 2013. Initial Study and Draft Mitigated Negative Declaration; Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project. Planning and Development Department. January 22, 2013	x	
MND for Proposed Conditional Use permit PLN 2010-00041, Altamont Landfill and Resource Recovery Facility Materials Recovery Facility Complex,	Livermore	MND				x

Project Name	Location (City)	CEQA Document Type	Clearinghouse Number	Reference	Considered for Review	Reference
Reclaimable Anaerobic Composter System and Aerated Static Pile Composting						
Z-Best Composting Facility Expansion	Gilroy	IS/MND				x
El Corazon Compost Facility Relocation	Oceanside	ND				x
EIR – Environmental Impact Report ND – Negative Declaration MND – Mitigated Negative Declaration IS/MND – Initial Study/Mitigated Negative Declaration						

Summary of Impacts and Mitigation

Resource Type	Impacts	Mitigation	CEQA Document
Aesthetics	The project would alter the visual character of the project site. The project site is considered of moderate visual sensitivity. The visual dominance of the project is dependent on many elements or characteristics of the project. The project layout which includes a vegetated levee surrounding the site and landscaping screen on the northern and eastern borders (where there are existing, unobstructed views). Building structures would be single-story and neutral in color. The visual dominance with these project elements would be subordinate or co-dominant. (Less than Significant)	None required	Sonoma County Waste Management Agency Compost Facility
Aesthetics	The project could result in the production of new sources of light and/or glare. The project would introduce new nighttime lighting sources on the project site for security and operational purposes. Nighttime lighting can contribute to light pollution of the nighttime sky and light trespass onto adjacent properties. Additionally, excessive lighting in rural areas could affect the natural character of the area. This impact is significant .	The Project design shall incorporate the recommendation measures included in the Sonoma County's Visual Assessment Guidelines and the Sonoma County General Plan. Recommended lighting measures would minimize light pollution and light trespass by controlling the amount and direction of lighting. Implementation of the above mitigation measures would reduce impacts to a less-than-significant level.	Sonoma County Waste Management Agency Compost Facility
Aesthetics	The project site is already fully developed with industrial facilities associated with the City's Materials Diversion Facility, including a materials recycling building, administration office, scale house, outdoor composting area, outdoor finished compost storage area, outdoor soils stockpile area, and outdoor concrete recycling area. The construction of new structures and placement of new equipment associated with the new anaerobic digestion facility, the new covered composting, the new biomass gasification unit, stormwater treatment ponds, and rooftop solar panels will not adversely change the existing visual character of the site. The new biomass gasification unit will be painted an earth tone color. As such, the project does not have any potential to impact scenic resources, degrade visual quality or create a new source of substantial light and glare.	None	Napa Renewable Resources Project
Aesthetics	The Project may create new sources of light and/or glare as necessary for project safety. The proposed lighting associated with the project will be shielded to preclude light pollution or light trespass on adjacent property in conformance with this the County Night Sky ordinance, the County General Plan, and the updated Development Code. Although the appearance of the site would change, the viewer response to this change is considered less than significant. Overall impacts to visual character are considered less than significant .		Nursery Products LLC, Hawes Composting Facility

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Aesthetics	There are no designated scenic vistas or highways within or adjacent to the project site. The project site will be screened by walls, fences, and landscaping. The proposed project would have no impact .		Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Aesthetics	The proposed project site is not visible from a state-designated scenic highway. The proposed project would have no impact .		Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Aesthetics	Vegetation removal and grading associated with future site development will alter the visual character of the site converting it from agricultural use to industrial related uses as a recycling and transfer station operation. However, the proposed project consists of uses that are consistent with existing recycling and transfer station operations and general plan land use designations for the surrounding area.	All outdoor lighting shall be designed to aim downward onto the project site and not glare skyward or onto adjacent parcels (e.g., by incorporating cut-off shields, or the equivalent). Less than significant after mitigation.	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Aesthetics	The existing operation plus existing surrounding development to the northeast already has light and glare affecting nighttime views in the area. The addition of new industrial uses and associated lighting for businesses, parking areas, roadways and related amenities will increase light in the area. Combined with existing lighting in the area, the proposed project could contribute, incrementally, to the overall light and glare in the area resulting in potentially cumulative adverse impacts to nighttime views. Less than significant	All outdoor lighting shall be designed to aim downward onto the project site and not glare skyward or onto adjacent parcels (e.g., by incorporating cut-off shields, or the equivalent). Less than significant after mitigation.	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Agriculture	The project site is already fully developed with industrial facilities associate with the City's Material Diversions Facility, and contains no Prime Farmland, Unique Farmland, or Farmland of Statewide Importance as mapped by the State of California. The project site is not under a Williamson Act Contract. No loss of forest land or conversion of forest land to non-forest use will occur. There is no agricultural or forest land on or adjacent to the project site. No Impact	None	Napa Renewable Resources Project
Agriculture	The proposed Project site and the Fort Cady site are located in rural desert areas and have not been used for irrigated agricultural production. The sites are not known to contain soils that have been designated as prime or unique agricultural soils and agricultural activities have not historically occurred at these sites. The Project would not adversely impact prime or locally important agriculture as none occur within the Project area. The Project site is not under a Williamson Act contract. Therefore, impacts to agricultural resources would be less than significant .	None	Nursery Products LLC, Hawes Composting Facility

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Agriculture	The development of the proposed project would permanently convert all of the Prime Farmland and Farmland of Statewide Importance to urban uses. The City of Kerman General Plan designates the project site for Industrial use. This designation indicates that the City has contemplated the conversion of this agricultural and to urban use over the planning horizon of the General Plan and, therefore, does not view the project site as a preferred location for permanent agriculture. The Program EIR stated that such impacts to farmland are unavoidable as the city grows, and included mitigation measures in the Land Use Element of the General Plan to lessen the impacts on agricultural land, but not to an insignificant level. The proposed project would have a significant and unavoidable impact .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Agriculture	The project site is not subject to a Williamson Act land conservation contract and is designated industrial on the City of Kerman's General Plan and Use Map. The proposed project would have no impact .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Agriculture	Conflict with existing zoning for agricultural use, or a Williamson Act Contract? No impact – citing the General Plan	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Air Quality	Construction of the project (associated with either windrow or ASP option) could generate short-term emissions of criteria air pollutants: ROG, NOx, CO, PM10, and PM2.5 that could contribute to existing nonattainment conditions and further degrade air quality. Significant	Construction Emission Controls. During construction, the SCWMA shall require the construction contractor to implement the measures that are specified under BAAQMD's basic and additional construction mitigation procedures. Significant and Unavoidable.	Sonoma County Waste Management Agency Compost Facility
Air Quality	Operation of the project (windrow composting option) would result in emissions of criteria air pollutants at levels that would substantially contribute to a potential violation of applicable air quality standards or to nonattainment conditions. Significant	Composting VOC Reduction via Pseudo-Biofilters. The SCWMA shall implement the following control measure to reduce off-gas emissions from composting organic materials: -Apply finished compost as a pseudo-biofilter to cap active windrows. Estimated VOC reduction of 75 percent (CIWMB, 2007). Fugitive Dust Control. The SCWMA shall implement best management practices for fugitive dust emission control, including, but not limited to the following: - Water exposed surfaces two times per day, except during rainy days. -All vehicle speeds on unpaved roads shall be limited	Sonoma County Waste Management Agency Compost Facility

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		<p>to 15 mph. Signage with this speed restriction shall be imposed where appropriate and applicable.</p> <p>Less than Significant after mitigation.</p> <p>Implementation of the above mitigation measures would reduce net daily ROG and PM10 emissions to a less than significant level for 2011 and 2030 operations.</p>	
Air Quality	<p>Operation of the project (ASP composting option) would result in emissions of criteria air pollutants at levels that would not substantially contribute to a potential violation of applicable air quality standards or to nonattainment conditions. Significant</p>	<p>Implement Mitigation Measure (Fugitive Dust Control Significance after Mitigation: Less than Significant. Implementation of the above mitigation measures would reduce net daily PM10 emissions to a less than significant level under full build-out. Less than significant after mitigation.</p>	Sonoma County Waste Management Agency Compost Facility
Air Quality	<p>Project traffic (associated with either windrow or ASP composting option) would generate localized CO emissions on roadways and at intersections in the project vicinity. Less than Significant</p>	None required.	Sonoma County Waste Management Agency Compost Facility
Air Quality	<p>Operation of the project (associated with either windrow or ASP composting option) could create objectionable odors affecting a substantial number of people. Significant</p>	<p>Odor Control. The SCWMA shall develop and comply with an Odor Impact Minimization Plan (OIMP) pursuant to the requirements of the California Code of Regulations, Title 14, Division 7, Chapter 3.1, Article 3, Section 17863.4. Compliance with the OIMP would assure that odor impacts from composting would be less than significant. Less than Significant after mitigation.</p>	Sonoma County Waste Management Agency Compost Facility
Air Quality	<p>Implementation of the project (windrow composting option) may lead to increases in exposure of sensitive receptors in the vicinity to certain toxic air contaminants from various stationary and mobile sources. Significant</p>	<p>(Pseudo-Biofilters).. The acute risk for the maximum exposed residential receptor, the chronic risk for the worker and residential receptors, and the cancer risk for the worker and residential receptors would be less-than-significant under the windrow option. Implementation of the pseudo-biofilter would reduce the acute risk at the maximum worker and residential receptor to 0.43 and 0.040, respectively; the chronic risk at the maximum worker and residential receptor would be reduced to 0.009 and 0.0014, respectively; and the cancer risk of the maximum worker and residential receptor would be reduced to 1.55 and 1.36, respectively. With implementation of the pseudo-biofilter mitigation, the acute risk of the maximum exposed worker</p>	Sonoma County Waste Management Agency Compost Facility

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		would be reduced to less-than-significant. Less than significant after mitigation	
Air Quality	Implementation of the project (ASP composting option) may lead to increases in exposure of sensitive receptors in the vicinity to certain toxic air contaminants from various stationary and mobile sources. Less than Significant	None required.	Sonoma County Waste Management Agency Compost Facility
Air Quality	Construction and operation of the project (windrow composting option) could result in a cumulatively considerable increase in greenhouse gas emissions. Significant	a - Develop Annual GHG Inventory. The applicant shall become a reporting member of The Climate Registry. Beginning with the first year of composting and continuing for the duration of the project operations, the SCWMA shall conduct an annual inventory of GHG emissions, and report these to The Climate Registry. The annual inventory shall be conducted according to The Climate Registry protocols and third-party verified by a verification body accredited through The Climate Registry. b- Greenhouse Gas Emissions Reduction Plan. SCWMA shall prepare and make available to the public a Greenhouse Gas Emissions Reduction Plan (GHG plan) containing strategies to ensure that GHG emissions do not exceed 1,100 MT CO2e per year. Less than after Mitigation: Each year, the SCWMA will report actual emissions, in accordance with Mitigation Measure 5.8a.	Sonoma County Waste Management Agency Compost Facility
Air Quality	Construction and operation of the project (ASP composting option) could result in a cumulatively considerable increase in greenhouse gas emissions. Significant	Implement Mitigation Measures 5.8a (Develop Annual GHG Inventory) and 5.8b (Greenhouse Gas Emissions Reduction Plan). Less than Significance after Mitigation: Each year, the SCWMA will report actual emissions, in accordance with Mitigation Measure 5.8a.	Sonoma County Waste Management Agency Compost Facility
Air Quality	The project (windrow composting option), together with anticipated cumulative development in the Bay Area Air Basin, would contribute to regional criteria pollutants. Significant	Implement Mitigation Measures 5.1 (Construction Emission Controls), 5.2a (Composting VOC Reduction via Pseudo-Biofilters), and 5.2b (Fugitive Dust Control). Significant and unavoidable during project construction for NOx.	Sonoma County Waste Management Agency Compost Facility
Air Quality	The project (ASP composting option), together with anticipated cumulative development in the Bay Area Air Basin, would contribute to regional criteria pollutants. Significant	Implement Mitigation Measures Construction Emission Controls and Fugitive Dust Control.	Sonoma County Waste Management Agency Compost Facility

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		Significant and unavoidable during project construction for NOx.	
Air Quality	Cumulative risk from all past, present and reasonably foreseeable sources within 1,000 feet of the project (associated with either windrow or ASP composting option) would expose sensitive receptors to PM2.5 and TACs which may lead to adverse health effects. Less than Significant	None required.	Sonoma County Waste Management Agency Compost Facility
Air Quality	Violate any air quality or contribute to substantially to an existing or projected air quality violation. Result in 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, and create objectionable odors affecting a substantial number of people. Less than significant	Project design significantly decreases VOCs and minimizes odors with bio-filtration. The applicant shall develop and comply with an Odor Impact Minimization Plan.	Napa Renewable Resources Project
Air Quality	The Mojave Desert Air Basin does not meet the State and Federal ambient air quality standard for ozone (O3) and PM10. The Project would exceed the Mojave Desert Air Quality Management District's MDAQMD's VOC emissions thresholds during Project operations. These emissions constitute cumulative and Project-level impacts, as they contribute towards the creation of basin-wide O3 levels. Significant and unmitigable.	None	Nursery Products LLC, Hawes Composting Facility
Air Quality	The Project has the potential to generate offensive odors. Potentially significant.	Prior to facility operation, the applicant shall prepare an Odor Impact Minimization Plan (OIMP) to reduce potential odor impacts during operation of the compost facility. The OIMP shall be prepared pursuant to the requirements established by the CIWMB (14 CCR 17863.4) and would act as the overall program document for odor control at the compost facility. The OIMP shall include written procedures for reducing odors due to feedstock receipt, processing and handling and for compost processing. The OIMP shall be submitted to the Local Enforcement Agency, prior to operation. OIMP will include: a) Odor-Screening and Load-Checking Procedures b) Feedstock Storage and Processing Measures c) Windrow Management Measures d) Good Housekeeping Procedures e) Odor Complaint Response System Less than significant after mitigation	Nursery Products LLC, Hawes Composting Facility
Air Quality	Although long-term operation of the Project would not, by itself, exceed the SCAQMD's PM10 threshold, these emissions are based on watering the road to minimize dust generation. Without watering (or	Unpaved roads shall be watered as necessary to minimize visible dust. Alternatively roads may be paved.	Nursery Products LLC, Hawes Composting Facility

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	paving) the access road to reduce dust, the Project would result in significant dust impacts. Consequently, dust control mitigation measures are included. Less than significant.	Refraining from turning the windrows during episodes of high wind speeds (30 miles per hour or higher). Less than significant after mitigation	
Air Quality	The proposed project will include an expanded greenwaste composting operation on site. This portion of the operation will be regulated under SJVAPCD Rule 4566 – Organic Material Composting Operations. Other SJVAPCD rules that will apply to the proposed project for stationary. No Impact	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Air Quality	The proposed project has the potential, temporarily, to generate dust, smoke and other air emissions during construction. Specifically, PM10 emissions can result from a variety of construction activities, including excavation, grading, demolition, vehicle travel on paved and unpaved surfaces, and vehicle exhaust. Construction-related emissions can cause substantial increases in localized concentrations of PM10, as well as affecting PM10 compliance with ambient air quality standards on a regional base. Less than significant impacts.	The proposed project will be required to install best available control technologies (BACT) to minimize emissions from permitted sources. Emissions due to construction activities will be minimized through implementation of comprehensive fugitive dust control measures. With emission controls, the proposed project is expected to have a less than significant impacts after mitigation.	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Air Quality	The VOC and NOx emissions from proposed project individually do not exceed the CEQA thresholds from stationary source operations, and the proposed project is expected to have a less than significant impact. The only large proposed project in the City of Kerman is the proposed Walmart store, which is scheduled to begin construction in November 2012. The project is located approximately 3 miles northeast of the proposed project. Construction of the Walmart store is expected to be completed prior to the start of construction of the proposed project. Therefore, there will be no cumulative construction-related air quality impacts from the proposed project and the Walmart project. The proposed project would have no impacts.	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Air Quality	The proposed project may emit hazardous air pollutants (HAP) and toxic air contaminants (TAC) from several stationary sources, including boiler(s), flare, anaerobic digester, and possibly the compost operations. Many, if not all, of these stationary sources will require air permits from the SJVAPCD. All projects requiring air quality permits from the SJVAPCD are evaluated for HAP/TAC emissions.	The SJVAPCD will ensure that the health risk to the public from project operations does not exceed the significance threshold for TAC by the application of the Risk Management Policy for Permitting New and Modified Sources during the permit application review process and by placing operating conditions on any permits issued for the project. Compliance with the permit conditions will ensure that HAP/TAC emissions from the proposed project would be less than significant.	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Air Quality	Anaerobic digestion is the biological decomposition of organic matter in the absence of oxygen. As a result, odorous compounds such as ammonia and H2S are generated and could be released into the environment. The anaerobic digestion process at the proposed project	With the development and implementation of the OIMP, compliance with SJVAPCD Rules 4565 and 4566, and implementation of Mitigation Measures AIR-3 and AIR-4, the odor impacts from the	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project

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	occurs in a closed system. Volatile organic compounds (VOCs) are broken down through the anaerobic digestion process, and exhaust is processed in a controlled environment. The propose project will digest organic matter in a closed pressure vessel. The resulting biogas will be stored in a closed tank, processed to remove impurities in a scrubber, and the resulting purified methane would be compressed for use in vehicles. Less than significant	composting operations and anaerobic digester are expected to be less than significant .	
Air Quality	The proposed project has the potential to contribute to greenhouse gas emissions from composting and anaerobic operations. The composting and anaerobic operations would result in diverting waste from the landfill, which would otherwise decompose under anaerobic conditions to form landfill gas (LFG) consisting of methane and carbon dioxide. Less than significant	The proposed project would process waste via anaerobic digestion into compressed natural gas (CNG) which will be collected at 100 percent capture and used as vehicle fuel. The compost will be used locally as fertilizer, wood chips that will be The diversion of waste to the landfill is expected to exceed the 29 percent reduction threshold established by the SJVAPCD as significant; thus, the proposed project is expected to used locally as either ground cover or fuel for biomass power plants. Less than significant impact.	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Air Quality	Neither the city, county, nor state has an adopted plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases. Therefore, the proposed project does not conflict with any applicable requirement. The proposed project would have no impact .	None	
Air Quality		<p>AIR-1: Implement the control measures identified in the SJVAPCD Regulation VIII to control PM10 emissions from construction activities.</p> <ul style="list-style-type: none"> • AIR-2: Prepare, implement, and maintain a site-specific Odor Impact Minimization Plan (OIMP). • AIR-3: Applicants for the development of anaerobic digester (AD) facilities shall comply with appropriate local land use plans, policies, and regulations, including applicable setbacks and buffer areas from sensitive land uses for potentially odoriferous processes. • AIR-4: If an AD facility handles compostable material and is classified as a compostable material handling facility, the facility must develop and Odor Impact Minimization Plan (OIMP) pursuant to 14 CCR 17863.4. Otherwise, applicants shall develop and implement an Odor Management Plan (OMP) that incorporates equivalent odor reduction controls for 	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project

Resource Type	Impacts	Mitigation	CEQA Document
		digester operations and is consistent with local air district odor management requirements.	
Biological Resources	Implementation of the project could result in indirect impacts to Coastal Brackish Marsh, a CDFG listed Sensitive Habitat and a USFWS-designated Critical Habitat for the Central California Coast Steelhead Evolutionary Significant Unit (ESU). Significant	The SCWMA shall ensure the protection of the Coastal Brackish Marsh and Central California Coast Steelhead ESU habitats through Application of Best Management Practices (BMPs) to Provide Effective Erosion and Sediment Control. BMPs would reduce indirect impacts to Coastal Brackish Marsh, Central California Coast Steelhead ESU habitats, and other waters of the U.S. that could occur as a result of sedimentation and siltation from construction activities. Less than significant after mitigation.	Sonoma County Waste Management Agency Compost Facility
Biological Resources	Implementation of the project has the potential to result in a loss of waters of the United States and/or waters of the state, including drainages, saline emergent wetlands, freshwater emergent wetlands, and seasonal wetlands. Significant	<p>Compensate for Loss and Disturbance of Jurisdictional Waters of the U.S. and/or Waters of the State Resulting from Construction Activities. The SCWMA shall</p> <ul style="list-style-type: none"> - Prepare a wetland delineation prior to project construction, the results of which will determine the type and acreage of wetland habitat present on the project site, for verification by the Corps. - Protect wetland habitats that occur near the project site by installing environmentally sensitive area fencing at least 20 feet from the edge of the feature. Depending on site-specific conditions and permit requirements, this buffer may be wider than 20 feet. - Comply with the no net loss of wetland habitat and no significant impacts to potential jurisdictional features policy. The project shall compensate for the unavoidable loss of wetlands at a ratio no less than 1:1 - Draft restoration, mitigation and monitoring plan shall be developed in accordance with the Corps' federal guidelines - If the results of the wetland delineation, as verified by the Corps, indicate that project activities may result in a substantial modification to a river, stream, or lake the SCWMA shall submit an application for a Section 1602 Streambed Alteration Agreement to the CDFG. <p>Less than significant after mitigation</p>	Sonoma County Waste Management Agency Compost Facility
Biological	Implementation of the project has the potential to result in adverse	Perform Preconstruction Surveys for Sensitive Avian	Sonoma County Waste

Resource Type	Impacts	Mitigation	CEQA Document
Resources	impacts to special status species as defined in this section. Implementation of the project could result in direct and indirect impacts to the tricolored blackbird, Point Reyes bird's-beak, soft bird's beak, and Marin knotweed. Significant	Species. Prior to project implementation, the SWCMA shall hire a qualified botanist to perform preconstruction surveys for rare plant species that have any potential to occur within the project site. If rare plant species are found during these surveys, the project would propose avoidance, minimization, and/or compensation measures. Less than significant after mitigation	Management Agency Compost Facility
Biological Resources	The proposed project is located on an existing industrially developed site surrounded by industrial development and Napa County Airport properties. There is no biological habitat on the project site. As such, the project will not impact state or federally listed species, riparian habitat, wetlands, sensitive natural communities, migratory fish or wildlife species, adopted Habitat Conservation Plan, Natural Community Plan, tress, or marine animals.	None	Napa Renewable Resources Project (NRRP)
Biological Resources	The Project would indirectly impact the desert tortoise (an endangered species) by loss of habitat (160 acres) and by potentially attracting ravens (tortoise predator). Construction activities and vehicle traffic from the Project could directly harm the desert tortoise and possible burrowing owl. Potentially Significant Impact.	<ul style="list-style-type: none"> -Project will be phased, with initial phase not to exceed 80 acres in size. Purchase of offsite conserved habitat shall be based upon the requirements of the CDFG and USFWS, and follow the WMP if in effect at the time. -All employees, subcontractors, construction personnel, and other individuals who work on-site shall participate in a desert tortoise awareness program with educational materials provided by the West Mojave Implementation Team. -A permanent tortoise-proof fence shall be installed around the perimeter of the Project impact area prior to grading of the site. -Between February 15 and November 15, the tortoise clearance survey shall occur within 48 hours prior to ground disturbance. Between November 16 and February 14, the survey may be performed several days or weeks prior to ground disturbance. -Where practicable, vegetation clearing activities shall occur when tortoises are least likely to be active, generally between November 15 and February 15. -Cross-country vehicle use shall be prohibited and signs posted. -Except on paved roads with posted speed limits, vehicle speeds shall not exceed 20 miles per hour through desert tortoise habitat. 	Nursery Products LLC, Hawes Composting Facility

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		-All trash and discarded food items generated by construction and operation activities shall be promptly contained and regularly removed to reduce predation. -Adequate funding must be set aside to manage the conserved habitat and to monitor the effects of the Project on the surrounding habitat. Preconstruction clearance surveys for desert tortoise and burrowing owl would be required 48 hours prior to commencement of proposed grading and periodically during construction. Less than significant after mitigation	
Biological Resources	Construction activities may harm Mohave ground squirrel. Potentially Significant Impact.	Mohave ground squirrel trapping surveys shall be conducted prior to construction of the Project to determine this species presence within the Project area. Less than significant after mitigation	Nursery Products LLC, Hawes Composting Facility
Biological Resources	The Project may introduce invasive plants into adjacent natural habitat. Potentially Significant Impact	Baseline studies for invasive plants shall be done in the fire break on the property perimeter, as well as within a 500-foot buffer outside the fire break no later than 30 days after the facility opens. of exotic or invasive plant species onto BLM property and adjacent habitat. The monitoring frequency may be reduced to once every four years if no invasive are detected during the first five years of monitoring. Less than significant after mitigation.	Nursery Products LLC, Hawes Composting Facility
Biological Resources	The Project may cause a fire on adjacent property that would degrade existing desert tortoise habitat. Potentially Significant Impact	The Project site must maintain an adequate water supply and delivery capacity as well as clear aisles between windrows for easy access in case of fire. Less than significant after mitigation.	Nursery Products LLC, Hawes Composting Facility
Biological Resources	Fort Cady Site Alternative only - Loss of honey mesquite bosque habitat would be considered significant due to the threatened status of this habitat in California. Potentially Significant Impact	Honey mesquite shall be planted within preserved areas onsite at an appropriate mitigation ratio to the lost habitat. The mitigation ratio shall be established in consultation with the California Department of Fish and Game. Less than significant after mitigation.	Nursery Products LLC, Hawes Composting Facility
Biological Resources	Implementation of the project could have a potentially significant impact on San Joaquin kit fox, which is federally listed as endangered and state-listed as threatened. Potentially significant impact	In accordance with the Dissemination of Standard Recommendations for the Protection of the San Joaquin Kit Fox Prior to our During Ground Disturbance, implementation of Mitigation Measures BIO-1a is required to reduce potential impact to a less than significant level after mitigation.	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Biological	There is no federally protected wetland affected by the proposed		Mid Valley Disposal, Inc.,

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Resources	project nor are there naturally occurring bodies of water discovered on or adjacent to the project site. The proposed project would have no impact .		Recycling Facility and Transfer State Expansion Project
Biological Resources	There will be no interference with any native resident or migratory fish or wildlife species, corridors, or wildlife nursery sites affected by the proposed project. The proposed project would have no impact .		Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Biological Resources	There are no local policies or ordinances protecting biological resources affected by the proposed project. The proposed project would have no impact .		Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Biological Resources	No habitat conservation or natural community conservation plans have been adopted. The proposed project would have no impact .	<ul style="list-style-type: none"> a. Prior to and during construction activities, the following measures shall be implemented to reduce impacts to the San Joaquin kit fox b. Prior to commencing project-related activities, the following measures shall be implemented to reduce impacts to the Swainson's Hawk c. Prior to commencing project-related activities, the following measures shall be implemented to reduce impacts to raptors 	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Cultural Resources	The project could have an adverse effect on a known archaeological site (CASON-202/H). If the site cannot be avoided by project redesign, a site evaluation and data recovery program should be implemented that includes a public outreach program. Without mitigation, this impact would be significant .	<p>-Evaluate CA-SON-202/H for its eligibility to the National Register of Historic Places and the California Register of Historical Resources and implement an archaeological data recovery program. In the interest of preventing unnecessary disturbance of a potentially-significant archaeological resource, evaluation of the resource should occur after the final determination of the project area.</p> <p>If the site cannot be avoided through redesign, it should be evaluated for its eligibility to the National and California Registers.</p> <p>-If it is determined that a legally-significant archaeological resource is present and that the project could have an adverse effect on the site, the Sonoma County Waste Management Agency (SCWMA) shall: Design and implement an Archaeological Data Recovery Program (ADRP). Less than significant after mitigation</p>	Sonoma County Waste Management Agency Compost Facility

Resource Type	Impacts	Mitigation	CEQA Document
Cultural Resources	The project could inadvertently discover cultural resources. With the exception of resource CA-SON-202/H, it does not appear that the remaining project area contains cultural resources; however this possibility cannot be entirely discounted. Project personnel should be alerted to the possibility of encountering archaeological materials during construction, and apprised of the proper procedures to follow in the event that such materials are found. Without mitigation, this could be a significant impact .	The SCWMA shall halt work if cultural resources are discovered during ground-disturbing activities. If cultural resources are encountered, all activity in the vicinity of the find shall cease until it can be evaluated by a qualified archaeologist and a Native American representative. If avoidance is infeasible, other appropriate measures (e.g., data recovery) shall be instituted. Work may proceed in other parts of the project area while mitigation for cultural resources is being carried out. Less than significant after mitigation.	Sonoma County Waste Management Agency Compost Facility
Cultural Resources	The project could inadvertently discover human remains. It does not appear that the project area contains human remains; however this possibility cannot be entirely discounted. Project personnel should be alerted to the possibility of encountering human remains during construction, and apprised of the proper procedures to follow in the event that they are found. Without mitigation, this could be a significant impact .	Halt work if human skeletal remains are identified during construction. If human skeletal remains are uncovered during project construction, work should immediately halt within 50 feet of the find. Less than significant after mitigation.	Sonoma County Waste Management Agency Compost Facility
Cultural Resources	The project could inadvertently discover paleontological resources. The maximum depth of excavation associated with the project is expected to range from 6 to 8 feet below the ground surface. However unlikely, disturbance or destruction of a paleontological resource could still occur and therefore represents a significant impact .	The paleontologist shall halt work if paleontological resources are identified during construction. If paleontological resources, such as fossilized bone, teeth, shell, tracks, trails, casts, molds, or impressions are discovered during ground-disturbing activities, all ground disturbing activities within 50 feet of the find shall be halted until a qualified paleontologist can assess the significance of the find and, if necessary, develop appropriate salvage measures in consultation with the project sponsor and in conformance with Society of Vertebrate Paleontology Guidelines (SVP, 1995; SVP, 1996). Less than significant after mitigation.	Sonoma County Waste Management Agency Compost Facility
Cultural Resources	The project site is already fully developed, and as such no surface historical or archaeological resources are known to exist. An archaeological report entitled <i>Napa Airport Master Environmental Assessment</i> was prepared for property that included the project site, and found that there were no archaeological resources on the project site. As such, the project will not have any significant impacts on	None Required.	Napa Renewable Resources Project (NRRP)

Resource Type	Impacts	Mitigation	CEQA Document
	archaeological resources. No impact		
Cultural Resources	Previously unidentified cultural resources may be discovered during Project grading/excavation. Potentially Significant Impact	Monitoring by a qualified archaeologist shall occur during grubbing, grading or any construction excavation that disturbs native soils. In the event that an unanticipated find is discovered during construction activities, the construction crew will stop work in the immediate vicinity of the discovery. Nursery Products will report the discovery to the San Bernardino Land Use Services Department (LUSD) and the San Bernardino County Museum. A qualified archaeologist will be required to assess the integrity and significance of any discovery prior to work proceeding in the area. Less than significant after mitigation	Nursery Products LLC, Hawes Composting Facility
Cultural Resources	Significant non-renewable paleontological resources may be discovered and damaged during Project grading/excavation. Potentially Significant Impact	<ul style="list-style-type: none"> -Monitoring of excavation in areas identified as likely to contain paleontological resources by a qualified paleontological monitor is required for all excavation into undisturbed sediments of Pleistocene older alluvium (or the Lake Manix Formation for (the Fort Cady Site Alternative) - Any recovered specimens shall be prepared and stabilized to a point of identification and permanent preservation, including washing of sediments to recover small invertebrates. - Any small specimens collected shall be identified and curated into an established, accredited museum repository with permanent retrievable paleontological storage (e.g., SBCM). Any small specimens collected shall be identified and curated into an established, accredited museum repository with permanent retrievable paleontological storage (e.g., SBCM). Less than significant after mitigation	Nursery Products LLC, Hawes Composting Facility
Cultural Resources	Fort Cady Site Alternative only - Possibility of the site to eligible for the California Register of Historical Places (CRHR) criteria. Potentially Significant Impact	-Monitoring by a qualified archaeologist shall occur during grubbing, grading or any construction excavation that disturbs native soils. In the event that an unanticipated find is discovered during construction activities, the construction crew will stop work in the immediate vicinity of the discovery. Nursery Products will report the discovery to the San Bernardino Land Use Services Department (LUSD) and the San Bernardino County Museum. A qualified	Nursery Products LLC, Hawes Composting Facility

Resource Type	Impacts	Mitigation	CEQA Document
		<p>archaeologist will be required to assess the integrity and significance of any discovery prior to work proceeding in the area.</p> <p>-If site CA-SBR-11998 cannot be avoided, an archaeological, excavation testing program shall be developed and implemented by a qualified archeologist.</p> <p>-A qualified vertebrate paleontologist shall conduct a field assessment of the study area and monitor excavation in any surface and subsurface sediments.</p> <p>Less than significant after mitigation</p>	
Cultural Resources	<p>General Plan indicated that no recorded historic resources are documented on the project site or within 0.25 mile radius beyond the project site. Although considered unlikely since there is no indication of any historic resources on the project site, subsurface construction activities such as trenching and grading associated with the proposed project could potentially damage or destroy previously undiscovered historic resources. This is considered a potentially significant impact.</p>	<p>Implementation of standard inadvertent discovery procedures to reduce potential impacts to previously undiscovered subsurface historic resources. With the implementation of this mitigation measure, potential impacts would be reduced to a level of less than significant.</p>	<p>Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project</p>
Cultural Resources	<p>There is no evidence of an abandoned cemetery or related indications of human remains were identified on the site. Therefore, no adverse impacts are anticipated to any human remains. However, grading and excavation in conjunction with site development has the low potential to uncover unanticipated subsurface resources – a potentially significant adverse impact.</p>	<p>Mitigation is proposed to reduce this potentially significant impact to a level of less than significant.</p>	<p>Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project</p>
Cultural Resources	<p>There is no record of human remains interred at the site. The proposed project would have no impact.</p>	<p>-If ground-disturbing activities uncover previously unknown human remains, Section 7050.5 of the California Health and Safety Code applies.</p> <p>-If in the event that unanticipated cultural or paleontological resources (including structural features, unusual amounts of bone or shell, artifacts, human remains, or architectural remains) are encountered during construction, all earthmoving activities within 100-foot radius of the identified resources shall cease until a qualified archaeologist evaluates the item for its significance and records the item on the appropriate State Department of Parks and Recreation (DPR) forms. The archaeologist shall determine whether the item requires further study.</p> <p>-The project developer shall consult with the Duma-Wo-Wah Tribal Government regarding the placement of a Native American monitor onsite during construction related activities. Should a</p>	<p>Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project</p>

Resource Type	Impacts	Mitigation	CEQA Document
		Native American monitor be required the cost of the monitor shall be covered by the project developer. Less than significant after mitigation.	
Geology and Soils	According to the Geologic Hazards Map on file with the City of Napa Planning Department, the subject property is not located in an Alquist Priolo Special Studies Zone (a recognized seismic hazard area). The fault-line surface rupture would not be a substantial hazard at the project site because the closest faults to the do no present any risk to people or structures. However, the project site's location within the San Francisco Bay Area subjects it to potential ground shaking in the event of an earthquake. There are no known geological conditions on site that would subject buildings to unstable soil conditions. Compliance with construction previsions set forth in the City of Napa Public Works Department Standard Specifications and the Uniform Building Code will further assure that geologic impacts are less than significant .	None required.	Napa Renewable Resources Project (NRRP)
Geology and Soils	The proposed Project site is not within a liquefaction seismic hazard zone and, in general the site contains soils with a moderate to slight potential for erosion. The soils within the Project site have low potential for expansion and therefore present a less than significant potential impact .		Nursery Products LLC, Hawes Composting Facility
Geology and Soils	The project site is not located within a currently designated Alquist-Priolo Earthquake Fault Zone. Since no known surface expression of active faults is believed to cross the site, fault rupture through the site is not anticipated. The project site is not located within a currently designated Alquist-Priolo Earthquake Fault Zone. Since no known surface expression of active faults is believed to cross the site, fault rupture through the site is not anticipated. No impact would occur.	Mitigation Measure HYD-1 requires the applicant to prepare and submit a geotechnical study that complies with all applicable seismic design standards of the California Building Standards Code.	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Geology and Soils	Construction activities associated with the proposed project would involve vegetation removal, grading, and excavation activities that could expose barren soil to sources of wind or water, resulting in the potential for erosion and sedimentation on and off the project site. No impact	National Pollutant Discharge Elimination System (NPDES) stormwater permitting programs regulate stormwater quality from construction sites, which includes erosion and sedimentation. Under the NPDES permitting program, the preparation and implementation of a Stormwater Pollution Prevention Plan (SWPPP) are required for construction activities that would disturb an area of 1 acre or ore. The SWPPP must identify Mid Valley Disposal, Inc., Recycling and Transfer Station Expansion Project Page 30 of 46Initial Study and Draft Mitigated Negative Declaration potential sources of erosion or sedimentation that may be reasonably expected to affect the quality of	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project

Resource Type	Impacts	Mitigation	CEQA Document
		stormwater discharges as well as identify and implement Best Management Practices (BMPs) that ensure the reduction of these pollutants during stormwater discharges. Typical BMPs intended to control erosion include sand bags, detention basins, silt fencing, storm drain inlet protection, street sweeping, and monitoring of water bodies. These requirements have been incorporated into the proposed project as mitigation. The implementation of an SWPPP and its associated BMPs would reduce potential erosion impacts to a level less than significant .	
Geology and Soils	According to the United States Geological Survey of Agricultural Soil Conservation Service survey, the project site is underlain by Hanford coarse sandy loam and Hesperia sandy loam. These soils have low clay content and possess low shrink-swell properties. The proposed project would have less than significant impact .		Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Geology and Soils	No impacts from septic systems or waste water are expected on the project site which will be served by public sewer and a public storm drain system. Because no septic tanks or alternative waste water disposal systems for the disposal of waste water are anticipated for the project site, the proposed project would have no impact .		
Geology and Soils		GEO-1: Prior to issuance of building permits for the proposed project, the project applicant shall submit geotechnical report to the City of Kerman for review and approval. The report shall demonstrate that the proposed project's plans for that structure incorporate all applicable seismic design standards of the latest adopted edition of the California Building Standards Code. The recommendations from the approved geotechnical report shall be incorporated into the project plans, and the project applicant shall adhere to these approved plans in developing the project site.	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Greenhouse Gas Emissions	The project would be consistent with all threshold level for emission established by the Bay Area Quality Management District, and that the project would have an overall reduction in greenhouse gas emissions. As such, the project will not result in any impacts to greenhouse gases. Over 5,000 MTCO _{2e} of greenhouse gases will be avoided with this Project by taking food waste from landfilling and deploying state-of-the art technology as part of the Project significantly decreases greenhouse gas emissions.	None required- Project design significantly decreases greenhouse gas emissions.	Napa Renewable Resources Project (NRRP)

Resource Type	Impacts	Mitigation	CEQA Document
Hazard and Hazardous Materials	There are numerous State and federal laws which regulate the transport, use, storage and handling of hazardous materials. Among these regulation is a requirement for the operator to file a Hazardous Material Business Plan with the Napa County Department of Environmental Services. Given this existing level of regulation, no impacts related to the transport, use, storage and handling of hazardous materials are anticipated. Ponds are a concern due to their potential to attract birds. The area proposed for the new ponds are in area where ponds and bioswales have pre-existing for many years There have been no reports of bird hazards associated with the ponds from Airport personnel in the many years that they have existed on the site. Feedstocks also have potential to be a bird attractor; however, feedstock is proposed to be stored and processed in enclosed container and systems. These provisions for handling feedstock are reiterated in the mitigation measures. Potentially significant impacts.	Potentially significant impacts can be mitigated to less than significant.	Napa Renewable Resources Project (NRRP)
Hazard and Hazardous Materials	Hazardous materials or fuel could spill during transfer or fueling activities, as a result of an accident or as a result of a leaking container. Potentially Significant Impact	The Project design includes guidelines for fuel transfer operations to minimize impacts associated with fueling areas and fuel transfer sites. An Emergency Contingency Plan shall be prepared and adopted for the composting facility. A Spill Prevention, Control, and Countermeasure Plan (SPCC) shall be prepared and certified prior to the commencement of on-site operations. Less than significant after mitigation.	Nursery Products LLC, Hawes Composting Facility
Hazard and Hazardous Materials	Combustion of the windrows or other onsite combustible materials. Potentially Significant Impact	The operator shall provide fire prevention, protection and control measures, including, but not limited to, temperature monitoring of windrows and piles, adequate water supply for fire suppression, and the isolation of potential ignition sources from combustible materials. A strip of sufficient width of cleared land must be maintained along the perimeter of site operations to act as a fire barrier or break. The applicant will consult with the local fire agency to determine the size of the fire break. Less than significant after mitigation.	Nursery Products LLC, Hawes Composting Facility
Hazard and Hazardous Materials	Exposure to pathogens, common fungus known as <i>Aspergillus fumigatus</i> , <i>entotoxins</i> , or other allergens. Potentially Significant Impact	-Following each storm event or surface water discharge, no standing water shall be retained in the impoundment basin for more than 30 days. Water from the basin may be used for process water or for dust control on windrows. -Compost leachate shall be captured and may be	Nursery Products LLC, Hawes Composting Facility

Resource Type	Impacts	Mitigation	CEQA Document
		reused to maintain compost moisture levels. - Wash down vehicles and equipment at regular intervals to reduce dust and spore levels. - Employees engaged in moving or turning compost piles should be equipped with protective clothing, gloves, and face mask. Training programs shall be instituted to instruct employees on the necessary of wearing protective gear. Less than significant after mitigation.	
Hazard and Hazardous Materials	Biosolids/windrows can potentially harbor vectors, such as flies, mosquitoes, and fleas. Potentially Significant Impact	- Muscadine, or other suitable bait materials shall be distributed along the external Project boundaries of the composting pad if the LEA determines that periodic fly problems become an area nuisance. - Biosolids shall be mixed with suitable bulking agents within 4 hours after arrival. - Employees shall be trained in procedures to prevent, detect, and remedy fly breeding areas. Potentially significant impacts can be mitigated to less than significant.	Nursery Products LLC, Hawes Composting Facility
Hazard and Hazardous Materials	The proposed project will not transport, use, or dispose of hazardous materials on the project site. Hazardous waste will be prohibited from entering the facility. However, there may be a need to dispose of a limited quantity of hazardous waste discovered through the facility's load checking program. If hazardous waste is discovered, the facility has procedures for handling, manifesting, and reporting the discovered waste. A temporary hazardous waste storage area will be located on the site, and all hazardous waste incidentally recovered from the waste stream will be temporarily stored onsite, manifested, and transported off site according to Federal and State regulatory requirements. A spill response locker will be supplied with emergency response equipment. The facility will report to the County each month, the quantity of hazardous waste transported for disposal off site. The proposed project would have a less than significant impact.	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Hazard and Hazardous Materials	There is no proposed or existing school within one-quarter mile of the project site. The nearest existing school (Kerman Floyd Elementary) is located about one mile north of the project site. The proposed project would have no impact.	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Hazard and Hazardous Materials	The project is not located within an established airport land use plan, and will not result in a safety hazard for people residing or working in the project site. The proposed project would have no impact.	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Hazard and	No private airstrips are located within the vicinity of the project site.	None	Mid Valley Disposal, Inc.,

Resource Type	Impacts	Mitigation	CEQA Document
Hazardous Materials	The proposed project would have no impact .		Recycling Facility and Transfer State Expansion Project
Hazard and Hazardous Materials	The Kerman General Plan 2027 provides an overview of the City's Safety Element. Based on a review of the element, development of the proposed project site is not anticipated to physically interfere with either emergency response or evacuation plans. The proposed project would have no impact .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Hazard and Hazardous Materials	There are no wildland within or in proximity to the proposed project. The project site and surrounding uses are primarily cultivated agriculture (alfalfa, cotton, tree fruit, etc.). The proposed project will be served by the North Central Fire Protection District. The proposed project will be required to install a series of fire hydrants on site for fire suppression purposes. The proposed project would have no impact .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Hydrology and Water Quality	The project could violate a water quality standard or waste discharge requirement, or otherwise substantially degrade water quality. Significant	-To control and manage shallow groundwater that is pumped during temporary construction activities, as well as stormwater runoff, SCWMA shall prepare and implement a SWPPP as required under the General Construction Permit for Discharges of Storm Water Associated with Construction Activities, for all construction phases of the project. The SWPPP shall identify pollutant sources that may affect the quality of stormwater discharge and shall require the implementation of BMPs to reduce pollutants in storm water discharges. -To ensure that accidental releases of fuels and other potentially water quality pollutants during project operations do not result in water quality degradation, SCWMA shall, prior to commencement of project operation, complete and adhere to the recommendations provided in a spill prevention and control plan. The plan shall provide for compliance with local, state, and federal regulations regarding storage and use of fluids on site Including, but not limited to, storage and handling criteria for hazardous materials, operational spill prevention measures, and clean-up procedures. Less than Significant after mitigation.	Sonoma County Waste Management Agency Compost Facility
Hydrology and Water Quality	The project 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	-Sonoma County General Plan Policy WR-2d requires that all large scale commercial and industrial groundwater users implement a groundwater	Sonoma County Waste Management Agency Compost Facility

Resource Type	Impacts	Mitigation	CEQA Document
	groundwater table or conflict with Sonoma County General Plan policies regarding groundwater. Significant	<p>monitoring program. The project operator shall implement a groundwater level monitoring program to evaluate drawdown of groundwater in accordance with county groundwater monitoring standards.</p> <p>-Prior to construction, SCWMA shall complete a study assessing the potential for implementation of the following water conservation measures on site: use of water-conserving design measures, use of stormwater retained in detention ponds, potential for use of graywater produced, and potential for use of additional process water.</p> <p>-Prior to the initiation of construction activities, SCWMA shall ensure that the project adheres to PRMD permitting requirements for the implementation of this facility, which would result in the use of groundwater sourced from a low-lying area in support of the project.</p> <p>Less than significant after mitigation.</p>	
Hydrology and Water Quality	The project 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 substantial erosion or siltation on- or off-site, or result in flooding on- or off-site. Significant	<p>-Prior to construction, a hydrologic and flooding study shall be completed for the two unnamed drainages on site, and SCWMA shall ensure that recommendations from the study are incorporated into project design.</p> <p>-Prior to construction, a grading and drainage plan for the project site shall be completed, and the SCWMA shall ensure that recommendations from that document are incorporated into project design.</p> <p>Less than significant after mitigation.</p>	Sonoma County Waste Management Agency Compost Facility
Hydrology and Water Quality	The project 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. Significant	Prior to construction, a grading and drainage plan for the project site shall be completed, and the SCWMA shall ensure that recommendations from that document are incorporated into project design. Less than significant after mitigation.	Sonoma County Waste Management Agency Compost Facility
Hydrology and Water Quality	The project would be located within a FEMA-defined 100-year floodplain, and would result in the displacement of flood waters. Significant Unavoidable	None	Sonoma County Waste Management Agency Compost Facility
Hydrology and Water Quality	The project could 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. Less than Significant	None required.	Sonoma County Waste Management Agency Compost Facility
Hydrology and Water Quality	Inundation of the project site could result due to seiche, tsunami, or mudflow. Less than Significant	None required.	Sonoma County Waste Management Agency Compost Facility

Resource Type	Impacts	Mitigation	CEQA Document
Hydrology and Water Quality	Overall, the project will have a positive impact on drainage and stormwater pollution with the proposed improvements to the stormwater pollution prevention facilities and stormwater treatment facilities. The applicant shall meet the requirements of discharging to a public storm drainage system as required to ensure compliance by the City with all state and federal laws and regulations related to storm water as stipulated in the Clean Water Act. No impact.	None required. Project design significantly decreases impacts to water quality.	Napa Renewable Resources Project (NRRP)
Hydrology and Water Quality	Runoff from biosolids windrows contains pathogens and sediment that could contaminate surface waters. The runoff also may contain constituents in concentrations that could exceed limits to be specified in Waste Discharge Requirements (WDRs) expected to be issued by the Regional Water Quality Control Board (RWQCB). Potentially Significant Impact.	<ul style="list-style-type: none"> - The retention basin(s), designed and sized to contain the entire runoff from the windrow and compost storage area during a 24-hour, 100-year storm event is(are) essential to protect surface water and the public from runoff that would likely be contaminated with pathogens. - Prior to beginning operations at the site, in order to establish baseline soil conditions, at least ten samples shall be collected in the portion of the Phase 1 area that would be most frequently used for windrows. Two additional samples shall be collected from the lowest area of the retention basin after construction of the retention basin is complete. - Soil beneath the retention basin and the composting pad shall be sampled annually to confirm that the migration of constituents into subsurface soil is limited. Soil sampling shall be conducted at six different locations on the most frequently used portion of the composting pad. - Prior to construction of treatment facilities and storage reservoirs and prior to clearing and grading of the Project site, the applicant shall prepare a SWPPP to obtain coverage under the State-wide general construction storm water National Pollutant Discharge Elimination System (NPDES) permit. The BMPs outlined in the SWPPP shall be implemented. - Prior to operation of the facility, the operator shall apply for coverage under the State-wide general storm water NPDES permit for industrial facilities or apply for an individual facility storm water NPDES permit. - If a groundwater well is installed to provide water for the site, a sample shall be collected quarterly for the first year and analyzed for the constituents listed in mitigation measure W-2 (at a minimum) to 	Nursery Products LLC, Hawes Composting Facility

Resource Type	Impacts	Mitigation	CEQA Document
		<p>establish baseline groundwater conditions at the site.</p> <p>Less than significant after mitigation.</p>	
Hydrology and Water Quality	<p>Grading of the storage and treatment areas would expose soils to erosion and may result in the transportation of sediment into local drainages. Potentially Significant Impact</p>	<p>Prior to construction of treatment facilities and storage reservoirs and prior to clearing and grading of the Project site, the applicant shall prepare a SWPPP to obtain coverage under the State-wide general construction storm water National Pollutant Discharge Elimination System (NPDES) permit. The BMPs outlined in the SWPPP shall be implemented.</p> <p>Less than significant after mitigation.</p>	Nursery Products LLC, Hawes Composting Facility
Hydrology and Water Quality	<p>Fuel spilled during re-fueling of heavy equipment during construction or operation of the facility could degrade water quality. Potentially Significant Impact</p>	<p>- Prior to construction of treatment facilities and storage reservoirs and prior to clearing and grading of the Project site, the applicant shall prepare a SWPPP to obtain coverage under the State-wide general construction storm water National Pollutant Discharge Elimination System (NPDES) permit. The BMPs outlined in the SWPPP shall be implemented.</p> <p>- Prior to operation of the facility, the operator shall apply for coverage under the State-wide general storm water NPDES permit for industrial facilities or apply for an individual facility storm water NPDES permit.</p> <p>Less than significant after mitigation.</p>	Nursery Products LLC, Hawes Composting Facility
Hydrology and Water Quality	<p>The development of the proposed project would grading and construction on approximately 28 acres of land. During these activities, there would be the potential for surface water to carry sediment from onsite erosion and small quantities of pollutants into the stormwater system and local waterways. Soil erosion may occur along project boundaries during construction in areas where temporary soil storage is required. Small quantities of pollutants have the potential to enter the storm drainage system, thereby potentially degrading water quality. The proposed project would have a significant and unavoidable impact.</p>	<p>Mitigation Measure HYD-1 is proposed that would require the project applicant to prepare and implement a SWPPP prior to the issuance of grading or building permits.</p> <p>HYD-1: Prior to the issuance of a grading permit or building permit for the project, the project applicant shall obtain coverage under the National Pollutant Discharge Elimination System (NPDES) General Permit No. CA2000002 for Storm Water Discharge Associated with Construction and Land Disturbing Activities, Water Quality Order No. 2009-0009-DWQ through State Water Board's Storm Water Multi-Application and Report Tracking System (SMARTS) website at https://smarts.aterboards.ca.gov. The Construction General Permit requires the preparation and submittal of a Stormwater Pollution</p>	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project

Resource Type	Impacts	Mitigation	CEQA Document
		Prevention Plan (SWPPP) to the Central Valley RWQCB that identifies specific actions and Best management Practices (BMPs) to prevent stormwater pollution during construction activities to the maximum extent practicable. The City of Kerman shall confirm that the RWQCB has approved the SWPPP prior to issuance of the grading permit or building permit. The SWPPP shall identify a practical sequence for BMP implementation and maintenance, site restoration, contingency measures, responsible parties, and agency contact.	
Hydrology and Water Quality	Construction activities would have minimal impacts on the storm water drainage patterns of the site or area resulting in substantial erosion or siltation on-or offsite. The storm water drainage pattern that currently exists on the project site will not be impacted by the proposed Expansion Project; therefore, the impact is considered less than significant .		Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Hydrology and Water Quality	The project site contains primarily cultivated agricultural lands with no existing drainage infrastructure. The project would increase impervious surface coverage on the project site. The increase in impervious surface coverage would create the potential for greater runoff to leave the project site, which could cause flooding or substantial erosion or siltation unless adequate facilities are in place. The proposed project would install onsite storm drainage system consisting of inlets and piping to a retention basin onsite, located on the northern end of the project site. The proposed project would provide adequate storm drainage facilities to ensure that runoff is captured and conveyed to the onsite storm drain basin. The proposed project would have no impact .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Hydrology and Water Quality	The facility will collect, process, recycle and dispose of a variety of non-hazardous material (e.g., C&D materials, bulk metal, organics, wood waste, food waste, municipal solid waste, etc.). The proposed waste tipping, recycling, and processing will occur within the MRF, "dirty" MRF, and transfer station enclosures, and that the composting piles will be covered. The floor of the MRF, "dirty" MRF, and transfer station will be concrete, as will the pad under the GORE compost heaps. Inlaid in the concrete under the composting heaps will be leachate collection trenches. The leachate generated is very minor in quantity, roughly 5 gallons per 250 tons of material composted. This leachate is collected and stored in a tank and is used to moisten the feedstock as it is prepared for the composting process. This is a zero discharge leachate system.	Implementation of a SWPPP and a stormwater management control plan as set forth in Mitigation Measure HYD-1 would mitigate these impacts to less than significant .	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project

Resource Type	Impacts	Mitigation	CEQA Document
Hydrology and Water Quality	There are no nearby reservoirs or other bodies of water that could result in inundation from either seiche or tsunami. The proposed project would have no impact .		Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Land Use and Planning	The project has the potential to physically divide an established community. Less than Significant	None required.	Sonoma County Waste Management Agency Compost Facility
Land Use and Planning	The project has the potential to conflict with the Sonoma County General Plan and Zoning Ordinance, resulting in adverse physical effects. (Significant) The potential impacts to the floodplain are inconsistent with the F2 Combining District and General Plan policies. The inconsistency has significant impacts related to flooding (Impact 8.5). As no feasible mitigation is available, this impact is significant and unavoidable .	None	Sonoma County Waste Management Agency Compost Facility
Land Use and Planning	The project would result in the conversion of agricultural land, specifically Farmland of Local Importance. Less than Significant	None required.	Sonoma County Waste Management Agency Compost Facility
Land Use and Planning	The project would conflict with an existing Williamson Act Contract. The project site is currently restricted to agricultural use under a Williamson Act contract. The County would not be able to permit the project until the Williamson Act contract governing the property is terminated. While this impact does not have ramifications on the physical environment, the project could not proceed on land with a Williamson Act Contract and thus this impact is considered significant .	The County, Applicant or existing property owner would complete one of the following options: - File a notice of nonrenewal which would begin a 9-year non-renewal process. At the end of this period the Williamson Act contract would be terminated. - Terminate the contract by public acquisition pursuant to the Williamson Act. Less than significant after mitigation.	Sonoma County Waste Management Agency Compost Facility
Land Use and Planning	The project has the potential to conflict with airport operations. The composting operations associated with the project and the stormwater detention pond could create a hazardous wildlife attractant near the airport, this impact is significant .	The following measures would be implemented to reduce risks associated with wildlife hazards near Gness Field Airport: - Prior to construction of the facility, a Construction and Design Best Management Practices Evaluation will be conducted. - When operation of the project commences, a Wildlife Hazard Assessment (WHA) would be conducted by a wildlife damage management biologist. - Upon completion of the WHA, a WHMP will be developed if warranted. Less than significant after mitigation.	Sonoma County Waste Management Agency Compost Facility
Land Use and Planning	The project site is already fully developed and is located within an industrial area that does not contain any residential development. As such the proposed new facilities and processing would not divide an established community. The General Plan designation for the site is	None	Napa Renewable Resources Project (NRRP)

Resource Type	Impacts	Mitigation	CEQA Document
	Public Serving the zoning is Public/Quasi-Public. The proposed use is consistent with these designations. There are no existing biological conservation plans associated with this industrially developed site.		
Land Use and Planning	Surrounding land uses to the project site include predominantly vacant desert with a single residence located over approximately 1.5 miles east of the project site. There are no residential communities for a distance of at least five miles to the north, west and south. Use of the site for composting operations will not conflict with existing surrounding land uses and there are no environmental justice issues as the surrounding land is vacant. The General Plan land use designation for the site is Resource Conservation (RC). No significant impact.	None	Nursery Products LLC, Hawes Composting Facility
Land Use and Planning	The project site is designated for industrial uses in the Kerman General Plan. The proposed project would not physically divide an established community. The project site does not have the potential to physically divide the community. The proposed project would have no impact.	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Land Use and Planning	The project site is designated Industrial by the City of Kerman General Plan. The proposed project consists of the expansion of the recycling and transfer station operations on a 38 acre site. The proposed project would be consistent with all applicable objectives, goals, and policies of the Kerman General Plan, including development standards contained in the City of Kerman Zoning Ordinance. The proposed project would have no impact.	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Land Use and Planning	There is no habitat conservation or natural community conservation plans that apply to the site. The proposed project would have no impact.	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Mineral Resources	There are no mineral resources on the project site. As such this proposal would not result in the loss of available mineral resources. No impact.	None	Napa Renewable Resources Project (NRRP)
Mineral Resources	The proposed Project and Fort Cady Alternative sites are not within an area designated by the State for locally important mineral resources and neither lies within the County of San Bernardino's Mineral Resource Zone. No impacts to mineral resources would occur at either the Project site or the Fort Cady site as a result. The Reduced Capacity Alternative is a virtually identical operation at the same (Hawes) site and would also have no impacts. The No Project Alternative would have no impacts.	None	Nursery Products LLC, Hawes Composting Facility
Mineral Resources	The Proposed Project site is not identified in the General Plan as having any known mineral resource value or as being located within any "Critical Mineral Resource Overlay" area. The proposed project would have no impact.	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project

Resource Type	Impacts	Mitigation	CEQA Document
Noise	Project construction could expose persons to or generate excessive noise levels. No construction noise thresholds exist as long as the construction is temporary. Further, after it is constructed, the levee around the project site would further reduce any off-site noise effects of construction. Without hourly restrictions on construction activities, noise from construction activities would be considered significant .	Construction of the new facility shall occur only during daytime between the hours of 7 a.m. – 7 p.m. Monday thru Friday, 9 a.m. – 5 p.m. Saturday, and no construction on Sunday. Less than significant after mitigation.	Sonoma County Waste Management Agency Compost Facility
Noise	Operation of the project could expose persons to or generate noise levels in excess of standards established in the local general plans or noise ordinances, or applicable standards of other agencies. Depending on various factors the blowers could exceed 45 dBA at night at the nearest receptor if not adequately attenuated. This would be a potentially significant impact without mitigation .	ASP equipment that would operate at night shall be required to be attenuated to a level that does not exceed 45 dBA at the nearest residences. Less than significant after mitigation.	Sonoma County Waste Management Agency Compost Facility
Noise	Traffic associated with operation of the project would result in an increase in ambient noise levels on nearby roadways used to access the project site. No roadway segments would experience increases greater than 3 dBA during the peak hour as a result of the project; consequently the project would result in a less than significant impact on these segments.	None required.	Sonoma County Waste Management Agency Compost Facility
Noise	Increases in traffic from the project in combination with other development would result in cumulative noise increases. The project would not be cumulatively considerable and would have a less than significant cumulative impact on noise .	None required.	Sonoma County Waste Management Agency Compost Facility
Noise	The project site is an existing material diversion facility surrounded by heavy industrial and public airport uses. There are no sensitive receptors such as residential or office in the vicinity. The new noise generation issues are limited to noise associated with construction activities for the project and the operations of the biomass gasification facility.	None	Napa Renewable Resources Project (NRRP)
Noise	The proposed Project site, the Fort Cady Alternative site and adjacent area to both sites are undeveloped vacant land. No persons would be exposed to and noise levels would not be generated in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies. The proposed facility operations at either site would be in compliance with the County Noise Ordinance for stationary noise sources and the County Noise Element regarding residential land uses. Noise impacts would be less than significant .	None	Nursery Products LLC, Hawes Composting Facility
Noise	Exterior noise is anticipated in conjunction with ground disturbances during construction of the project and activities from operation of the facility. The short-term increase in ambient noise and vibration levels	a. Construction activities will be limited to the hours between 7 a.m. to 8 p.m. daily. The City of Kerman shall have the discretion to permit	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion

Resource Type	Impacts	Mitigation	CEQA Document
	<p>could occur during construction activities either from the noise impacts created by the transport of workers and movement of construction materials to and from the project site, or from the noise generated onsite during ground clearing/excavation, grading, and building construction activities. The project site is primarily in a rural setting, surrounded primarily by cultivated agricultural land to the north, east, south and west. The City of Kerman Waste Water Treatment Plant is immediately to the west. The closest noise-sensitive receptor is one single-family home located approximately 1,084 feet west of the project site. However, implementation of Mitigation Measure NOI-1 will limit the hours of construction and the noise impact to less than significant. Based on the noise levels currently generated by the project and the surrounding land uses, the expansion of the proposed project is expected to produce noise levels with existing noise levels in the vicinity of the project site. Therefore, long-term noise impacts from the proposed project are not anticipated.</p>	<p>construction activities to occur outside of the allowable hours if compelling circumstances warrant such an exception (e.g., weather conditions to pour concrete).</p> <p>b. All construction equipment shall use noise-reduction features (e.g., mufflers and engine shrouds) that are no less effective than those originally installed by the manufacturer.</p>	Project
Noise	<p>The proposed project is not located within an airport land use plan area or within 2 miles of any public airport. The proposed project would have no impact.</p>	None	
Population and Housing	<p>The expansion of this industrial use with new equipment and processes will not impact housing or significantly increase employment. The project will not induce growth directly or indirectly not will it displace existing housing units. As there is not construction involved, it does not present new impacts related to jobs and housing that were not already anticipated by the General Plan. No impact.</p>	None	Napa Renewable Resources Project (NRRP)
Population and Housing	<p>There are no residents living on or in the immediate vicinity or either the Project or Fort Cady Alternative sites. The Project will employ approximately eight staff members from the local area. Implementation of the Project or Fort Cady Alternative would not induce growth directly or indirectly. There would be no displacement of existing housing or people. There would be no impacts to population and housing. The Reduced Capacity Alternative is a virtually identical operation at the same (Hawes) site and would also have no impacts. The No Project Alternative would have no impacts.</p>	None	Nursery Products LLC, Hawes Composting Facility
Population and Housing	<p>The project site currently carries a general plan land use designation of Industrial (I). This designation would allow for future development consistent with industrial uses (e.g., manufacturing, transportation, recycling, etc.). The project site is located within the City of Kerman's designated industrial park area. There are no existing residential or housing development within or adjacent to the project site. Water, sewer, and roads already about the property to the south and north. No extensions of these facilities, except through the project site itself</p>	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project

Resource Type	Impacts	Mitigation	CEQA Document
	and connecting to existing developed sites will occur. The proposed project would have no impact .		
Population and Housing	The proposed project would expand existing recycling and transfer station operations on a 28 acre site that is currently cultivated for agricultural uses. There are no existing homes or housing units on the project site that would be displaced as a result of the proposed project. The proposed project would have no impact .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Public Service	The project, and implementation of certain mitigation, would increase energy demands. Because the project would be inherently energy efficient, would not substantially increase fuel consumption in the region, and the operator of the facility would pay improvement and operating costs for available electricity and/or natural gas, this impact would be less than significant .	None required.	Sonoma County Waste Management Agency Compost Facility
Public Service	The project would require law enforcement services from the Sonoma County Sheriff's Office. As with existing operations, the project is not anticipated to create a volume of calls which would affect the ability of the Department to provide adequate law enforcement services to the general area, or require the construction or alteration of police facilities. Thus, project effects to police protection services would be less than significant .	None required.	Sonoma County Waste Management Agency Compost Facility
Public Service	The project would increase demand for fire protection and emergency medical services including response to wildland fires. As with existing operations, the project is not anticipated to create a volume of calls which would affect the ability of the fire departments to provide adequate services to the general area, or require the construction or alteration of fire protection facilities. Thus, projects effects to fire protection and emergency medical services would be less than significant . Fire prevention controls incorporated into the project would also reduce risks from wildland fire to a less-than-significant level.	None required.	Sonoma County Waste Management Agency Compost Facility
Public Service	The project would include new stormwater drainage facilities, the construction of which could create impacts. The construction of on-site detention ponds and stormwater drainage facilities would reduce any impact on off-site public stormwater drainage facilities. Thus, the project's impact related to construction of new stormwater drainage facilities would be less than significant	None required.	Sonoma County Waste Management Agency Compost Facility
Public Service	The project site is located in an existing developed industrial park that is fully and adequately provided with all necessary public services. The addition of new facilities and processes at the site will not require any additional level of public services. Given that it is an industrial project, it will not have an impact on park and school facilities. A county fire	Prior to project approval, the applicant shall prepare and implement a Fire Safety Plan that outlines fire hazards, describes facility operations procedures to prevent ignition of fires, requires regular inspection of fire suppression systems, and provides worker	Napa Renewable Resources Project (NRRP)

Resource Type	Impacts	Mitigation	CEQA Document
	station is located less than two miles from the project site. As such, the project will not have any impact on public services.	training in safety procedures as well as protocols for responding to fire incidents. The Fire Safety Plan shall be reviewed and approved by the focal fire enforcement agency. No impact after mitigation	
Public Service	The proposed Project or the Fort Cady Alternative would not induce growth; therefore no additional public services are required. Existing public services' capacity, such as police and fire, would be adequate to serve the Project or alternative. Impacts to public services are less than significant. The Reduced Capacity Alternative is a virtually identical operation at the same (Hawes) site and would also have less than significant impacts . The No Project Alternative would have no impacts.	None	Nursery Products LLC, Hawes Composting Facility
Public Service	The proposed project includes the development of an expansion to an existing recycling and transfer station facilities and operations on a 28 acre site. There have been no reportable incidents or major issues with the operation of the existing recycling and transfer station. The proposed project will be required to install appropriate fire hydrants for use in fire suppression and provide all appropriate markings and designation for fire lanes and other emergency access points. The proposed project will be served by North Central Fire District (under contract with the City of Fresno Fire Department). The proposed project will be required to comply with all building and fire code requirements and will be verified at various points in the projects' progress, including a plan check and prior to issuance of the certificate of occupancy. For these reasons, the proposed project would not generate the need for additional staff such that new or physically altered facilities would be required. The proposed project would have a less than significant impact .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Public Service	The proposed project includes the development of an expansion to an existing recycling and transfer station facilities and operations on a 28 acre site. There have been no reportable incidents or major issues with the operation of the existing recycling and transfer station. The project site will include a perimeter fence around the site with lockable gates at all entrances. The proposed project would have a less than significant impact .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Public Service	The proposed project includes the development of an expansion to an existing recycling and transfer station facilities and operations on a 28 acre site. The project applicant currently employs over 150 people. Many of which reside in the Kerman and, presumably those with school aged children already attend Kerman schools. Although new employees from the proposed project may enroll children in local schools, the proposed project would have a less than significant impact .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project

Resource Type	Impacts	Mitigation	CEQA Document
Public Service	The proposed project includes the development of an expansion to an existing recycling and transfer station facilities and operations on a 28 acre site. There are no parks or other recreational space on the project site or within the vicinity of the project site. The proposed project would have a less than significant impact .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Recreation	No increase in the demand for recreation facilities will result from either the proposed Project or the Fort Cady Alternative. The area surrounding both sites includes vast amounts of open space and available recreational access. The Project does not propose construction of new recreational facilities or expansion of the existing recreational facilities. No impact to recreational facilities is expected. The Reduced Capacity Alternative is a virtually identical operation at the same (Hawes) site and would also have no impacts. The No Project Alternative would have no impacts .	None	Nursery Products LLC, Hawes Composting Facility
Recreation	The proposed project is an industrial use which includes the development of an expansion to an existing recycling and transfer station facilities and operations on a 28 acre site. The project applicant currently employs over 150 people. Many of which reside in the Kerman and, presumably utilize existing park and recreational facilities. Although new employees from the proposed project may choose to reside in Kerman and use existing parks and recreational facilities, the proposed project would have a less than significant impact .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Transportation and Traffic	The project would contribute to Near-Term Cumulative traffic volumes at the study intersection during the weekday a.m. and weekend peak hour. While peak hour intersection operations would not be significantly affected under near-term conditions by project generated traffic, there are safety and design related issues that would pose potential significant impacts in the near-term. These issues are addressed in the bicycle/pedestrian safety, traffic safety and access road sections. (Less than Significant)	None required.	Sonoma County Waste Management Agency Compost Facility
Transportation and Traffic	The project could worsen traffic safety due to design features or incompatible uses. The existing conditions of Twin House Ranch Road would not meet the needs of the project traffic in terms of capacity or safety. The roadway would need to be reconstructed to adequately accommodate two-way truck traffic with sufficient space at the intersection with Lakeville Road to allow incoming and outbound vehicles to maneuver without adversely affecting traffic operation in the public right-of-way. This is a significant impact .	- Prior to the start of project operations, SCWMA shall widen (to County standards) the Twin House Ranch Road cross-section between Lakeville Road and the project site to provide two 12-foot-wide lanes, a dedicated left-turn lane and shared through-right turn lane on the Twin House Ranch Road intersection approach to Lakeville Road, and a dedicated southbound right-turn lane on Lakeville Road of a length and turning radius sufficient to fully accommodate southbound right-turning trucks from Lakeville Road separated from the southbound through traffic flow.	Sonoma County Waste Management Agency Compost Facility

Resource Type	Impacts	Mitigation	CEQA Document
		<p>- Prior to the start of project operations, SCWMA shall install a traffic refuge area (about 200 feet long) on Lakeville Road to accommodate left turning vehicles from Twin House Ranch Road.</p> <p>Less than significant after mitigation.</p> <p>However, if implementation of Mitigation Measures were not approved by Sonoma County (the jurisdiction responsible for Lakeville Road), the impact would be Significant and Unavoidable.</p>	
Transportation and Traffic	<p>The project would create potential conflicts with adopted policies, plans, or programs supporting alternative transportation. The potential for conflicts would be considered greatest in circumstances where Lakeville Road would be regularly used by bicyclists or pedestrians and/or is a designated proposed bikeway, and the road does not meet current County roadway design standards and fall debris from truck has the potential to create a hazard for bicyclists -(Significant)</p>	<p>-The operator of the facility shall ensure that all contract haul trucks are covered to prevent spillage of materials onto haul routes.</p> <p>- The operator shall conduct regular sweeping of the intersection of Lakeville Road / Twin House Ranch Road to keep it free of debris and dirt that may accumulate from exiting trucks. Less than significant after mitigation.</p>	Sonoma County Waste Management Agency Compost Facility
Transportation and Traffic	<p>The project would generate turning movements by heavy vehicles to and from Lakeville Road at Twin House Ranch Road, increasing the potential for road hazard conflicts between project traffic and through traffic. The introduction of increased turning movements to and from Lakeville Road at Twin House Ranch Road would increase the potential for vehicle conflicts and collisions in the project area. (Significant)</p>	<p>- Prior to the start of project operations, SCWMA shall post warning signs on Lakeville Road 250 feet in advance of the access driveway (Twin House Ranch Road) that cautions drivers about truck traffic entering and exiting the roadway. The warning signs shall follow guidelines set forth in the <i>California Manual on Uniform Traffic Control Devices</i> (Caltrans, 2010)</p> <p>-SCWMA shall implement intersection improvements identified in Mitigation Measures 12.2a and 12.2b.</p> <p>Less than Significant after mitigation; however, if implementation of Mitigation Measures 12.2a and 12.2b were not approved by Sonoma County (the jurisdiction responsible for Lakeville Road), the impact would be Significant and Unavoidable.</p>	Sonoma County Waste Management Agency Compost Facility
Transportation and Traffic	<p>The project would contribute to Long-Term Cumulative traffic volumes at the study intersection during the weekday a.m. and weekend peak hour. This would be a significant impact during the a.m. and weekend peak hour. (Significant)</p>	<p>- Implement Mitigation Measure 12.2b (install a 200-foot-long traffic refuge area on Lakeville Road to accommodate left turning vehicles from Twin House Ranch Road).</p> <p>-Prior to Year 2030, SCWMA shall install a traffic refuge area (about 200 feet long) on Lakeville Road to accommodate left turning vehicles from Stage Gulch Road.</p> <p>Less than significant after mitigation; however, if</p>	Sonoma County Waste Management Agency Compost Facility

Resource Type	Impacts	Mitigation	CEQA Document
		<i>implementation of Mitigation Measures 12.2b and 12.5b were not approved by Sonoma County (the jurisdiction responsible for Lakeville Road), the impact would be Significant and Unavoidable.</i>	
Transportation and Traffic	The project would generate turning movements by heavy vehicles to and from Lakeville Road at Twin House Ranch Road, increasing the potential for road hazard conflicts between project traffic and through traffic. (Significant)	<ul style="list-style-type: none"> - Implement Mitigation Measure 12.4a (posting of warning signs on Lakeville Road in advance of Twin House Ranch Road that cautions drivers about truck traffic entering and exiting the roadway). - SCWMA shall implement intersection improvements identified in Mitigation Measures 12.2a and 12.2b. <p>Less than Significant after mitigation. <i>However, if implementation of Mitigation Measures 12.2a and 12.2b were not approved by Sonoma County (the jurisdiction responsible for Lakeville Road), the impact would be Significant and Unavoidable.</i></p>	Sonoma County Waste Management Agency Compost Facility
Transportation and Traffic	The project could contribute to the degradation of pavement on public roads. The truck trips generated by the project would cause incremental damage and wear to roadway pavement surfaces along the haul route. (Significant)	Implement Mitigation Measure 12.2a (widen Twin House Ranch Road to County standards between Lakeville Road and the project site), which would increase the pavement's Traffic Index to support the project-generated heavy truck traffic. Improving the road to County standards will lessen the degradation of the pavement due to the project. Less than Significant after mitigation.	Sonoma County Waste Management Agency Compost Facility
Transportation and Traffic	Project construction would result in temporary increases in truck traffic and construction worker traffic. Project construction activities would generate offsite traffic that would include the initial delivery of construction vehicles and equipment to the project site, the daily arrival and departure of construction workers, the delivery of materials throughout construction, and the removal of construction debris. (Significant)	The construction contractor(s) shall develop a construction management plan for review and approval by the Sonoma County Department of Transportation and Public Works. Less than Significant after mitigation.	Sonoma County Waste Management Agency Compost Facility
Transportation and Traffic	Based on the conditions analysis, with proper operator monitoring and direction of the user traffic, the MDF can safely and operationally accommodate permitted maximum traffic amount. Consequently, the weigh scale facilities are adequate to accommodate maximum usage levels.	None	Napa Renewable Resources Project (NRRP)
Transportation and Traffic	The TIA conducted for the proposed Project indicates that the proposed Project will not create significant traffic impacts to the surrounding roadway circulation system according to the traffic impact	None	Nursery Products LLC, Hawes Composting Facility

Resource Type	Impacts	Mitigation	CEQA Document
	analysis procedures, guidelines and threshold of significance specified by San Bernardino County CMP. Additionally, the proposed Project will have adequate emergency access for both fire and medical emergency vehicles. Very low existing baseline traffic and projected operational traffic volume will not hinder emergency response times. No significant transportation impacts would occur as a result of the proposed Project.		
Transportation and Traffic	The proposed project will incrementally contribute to the existing traffic load on Jensen, Church and Madera Avenues. Jensen and Church Avenues are designated collectors. Madera Avenue is designated arterial and is under the jurisdiction of the California Department of Transportation (Caltrans). The existing level of service at the Madera/Jensen Avenue intersection is B at AM Peak Hour and C at PM Peak Hour. The minimum level of service at this intersection is C (per Caltrans). The proposed project would have a less than significant impact .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Transportation and Traffic	The proposed project will not affect air traffic patterns. The proposed project would have no impact .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Transportation and Traffic	The proposed project will use existing roadways for egress and ingress and will be compatible with the General Plan land use designation for industrial uses. The proposed project would have no impact .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Transportation and Traffic	The proposed project will be developed contingent upon the provision of emergency access as required by the North Central Fire Department (under contract with the City of Fresno Fire Department). The proposed project would have no impact .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Transportation and Traffic	The proposed project will be required to provide adequate on-site parking in compliance with Chapter 17.74 of the Kerman Municipal Code. The proposed project would have no impact .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Transportation and Traffic	The proposed project would be required to provide bicycle racks for employees use as a condition of the development. The proposed project would have no impact .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Utilities and Service Systems	The project site is located in an existing developed industrial park that is fully and adequately provided with all necessary utilities. The addition of new facilities and processes for anaerobic digestion covered composting, biomass gasification, new stormwater treatment facilities, and solar panels will not require any additional improvements to these utility systems. No impact .	None	Napa Renewable Resources Project (NRRP)

Resource Type	Impacts	Mitigation	CEQA Document
Utilities and Service Systems	The proposed Project and the Fort Cady Site Alternative would not affect or cause an increased need for additional public utilities or service systems. A maximum of eight employees are anticipated at any one time, generating a small amount of solid waste that will be transported to the Barstow Sanitary Landfill. Domestic water will be provided by an on-site well or be purchased and stored. Telephone service will be cellular. Electricity will be supplied by solar equipment, with a portable diesel-fueled generator backup. Site run-off from rainfall will be directed into a retention basin and no impacts to storm water drainage facilities are expected. Impacts to public utilities or service systems would be less than significant . The Reduced Capacity Alternative is a virtually identical operation at the same (Hawes) site and would also have less than significant impacts .	None	Nursery Products LLC, Hawes Composting Facility
Utilities and Service Systems	The proposed project would be served by wastewater collection service provide by the City of Kerman via an extension to the existing sewer line onsite which is connected to the existing sewer line in Jensen Avenue. The proposed project would generate negligible amounts of wastewater from the proposed 10,000 square foot office/maintenance building. The City of Kerman recently completed a major upgrade and expansion to its wastewater treatment plant from 1.2 mgd to 2.0 mgd. Based on growth projections contained in the General Plan, the expansion will provide capacity for the city (including the proposed project) to the year 2022. The proposed project would have a less than significant impact .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Utilities and Service Systems	The proposed project will develop a storm water retention basin onsite to capture any new storm water runoff from the project. The proposed project would have a less than significant .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Utilities and Service Systems	The City of Kerman currently provides potable water to the proposed project through existing water lines serving the site. The project proponent will install new water lines onsite to serve the proposed project. The City of Kerman has sufficient distribution and capacity to serve the proposed project. The proposed project would have a less than significant impact .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Utilities and Service Systems	The proposed project is expected to generate solid waste from construction and operational activities. Construction and operational waste would be extremely small amount relative to the existing capacity at the American Avenue Disposal Site. The City of Kerman is currently meeting the State's waste diversion goal. Because the project applicant is a recycling and transfer station operation, the impact on the existing landfill site would be negligible. The proposed project would have a less than significant impact .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project

Resource Type	Impacts	Mitigation	CEQA Document
Utilities and Service Systems	The project applicant is a recycling and transfer station operation permitted by the several local and state agencies. The project applicant is required to comply with all applicable federal, state statutes and regulations in order to operate as a municipal solid waste recycling and transfer station. The proposed project would have no impact .	None	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Mandatory Findings of Significance	The project will have an overall beneficial impact on the environment including the following: -Use of waste feedstock and yardwaste to produce a low-carbon biofuel to replace fuel usage -Increased re-use of feedstock as compost material -Conversion of wood waste to energy -Improved storm water treatment -Use of solar panels to produce clean energy - <i>Significantly decrease VOC emissions</i>		Napa Renewable Resources Project (NRRP)
Mandatory Findings of Significance	The proposed project does not have the potential to degrade the quality of the environment by reducing habitat, threatening to eliminate any plant or animal community, or eliminating important examples of California history or prehistory. With regard to this issue, the proposed project would have a less than significant impact .	Project will require implementation of mitigation measures. A Mitigation Monitoring and Reporting Program was prepared to ensure compliance.	Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Mandatory Findings of Significance	The propose project could potentially contribute to incremental effects that would cumulatively considerable when considered in combination with other past, present, or foreseeable future projects. With regards to this issue, the proposed project would have a less than significant impact with mitigation incorporation .		Mid Valley Disposal, Inc., Recycling Facility and Transfer State Expansion Project
Mandatory Findings of Significance	The proposed project would not result in environmental impact that would have a direct or indirect adverse effect on human beings. With regard to this issue, the proposed would have a less than significant impact .		

Summary of Cumulative Impacts and Mitigation

Resource Type	Impacts	Mitigation	CEQA Document
Air Quality	Cumulative risk from all past, present and reasonably foreseeable sources within 1,000 feet of the project (associated with either windrow or ASP composting option) would expose sensitive receptors.	None required.	Sonoma County Waste Management Agency Compost Facility
Air Quality	The proposed Nursery Products facility will introduce significant emissions of dust and ozone precursors (NOx and VOCs), which will contribute to regional nonattainment conditions for ozone and PM10.	All mitigation measures identified in the Air Quality Mitigation measures would also apply to the cumulative impacts. Significant and unmitigable.	Nursery Products LLC, Hawes Composting Facility
Biological Resources	The site is located on private property, and there is a large patchwork of state-and federal-owned lands in the surrounding area. Adverse cumulative impacts include the potential opportunity to develop other private lands in the Project vicinity. A regional HCP, if approved, would address potentially significant cumulative impacts to biological resources in the Project vicinity.	All mitigation measures identified in the Biology Mitigation Measures would also apply to the cumulative impacts. Less than significant	Nursery Products LLC, Hawes Composting Facility
Noise	Increases in traffic from the project in combination with other development would result in cumulative noise increases. (Less than Significant). The project itself would not result in substantial and significant increases in noise on local roadways. In addition, the projected cumulative 2030 plus project scenario would result in minimal (less than 3 dBA) increases in noise. Thus, project would not be cumulatively considerable and would have a less than significant cumulative impact on noise.	None required.	Sonoma County Waste Management Agency Compost Facility
Traffic and Transportation	The project would contribute to Near-Term Cumulative traffic volumes at the study intersection during the weekday a.m. and weekend peak hour. Less than Significant. While peak hour intersection operations would not be significantly affected under near-term conditions by project generated traffic, there are safety and design related issues that would pose potential significant impacts in the near-term. These issues are addressed in the bicycle/pedestrian safety, traffic safety and access road sections.	None Required.	Sonoma County Waste Management Agency Compost Facility
Traffic and Transportation	The project could worsen traffic safety due to design features or incompatible uses. The existing conditions of Twin House Ranch Road would not	a. Prior to the start of project operations, SCWMA shall widen (to County standards) the Twin House Ranch Road cross-section between	Sonoma County Waste Management Agency Compost Facility

Resource Type	Impacts	Mitigation	CEQA Document
	<p>meet the needs of the project traffic in terms of capacity or safety. The roadway would need to be reconstructed to adequately accommodate two-way truck traffic with sufficient space at the intersection with Lakeville Road to allow incoming and outbound vehicles to maneuver without adversely affecting traffic operation in the public right-of-way.</p> <p>Significant</p>	<p>Lakeville Road and the project site to provide two 12-foot-wide lanes, a dedicated left-turn lane and shared through-right turn lane on the Twin House Ranch Road intersection approach to Lakeville Road, and a dedicated southbound right-turn lane on Lakeville Road of a length and turning radius sufficient to fully accommodate southbound right-turning trucks from Lakeville Road separated from the southbound through traffic flow.</p> <p>b. Prior to the start of project operations, SCWMA shall install a traffic refuge area (about 200 feet long) on Lakeville Road to accommodate left turning vehicles from Twin House Ranch Road.</p> <p>Less than significant. However, if implementation of Mitigation Measures 12.2a and 12.2b were not approved by Sonoma County (the jurisdiction responsible for Lakeville Road), the impact would be Significant and Unavoidable.</p>	
Traffic and Transportation	<p>The project would contribute to Long-Term Cumulative traffic volumes at the study intersection during the weekday a.m. and weekend peak hour. This would be a significant impact during the a.m. and weekend peak hour. Significant</p>	<p>a. Implement Mitigation Measure 12.2b (install a 200-foot-long traffic refuge area on Lakeville Road to accommodate left turning vehicles from Twin House Ranch Road).</p> <p>b. Implement Mitigation Measure 12.2b (install a 200-foot-long traffic refuge area on Lakeville Road to accommodate left turning vehicles from Twin House Ranch Road).</p> <p>Less than significant; however, if implementation of Mitigation Measures 12.2b and 12.5b were not approved by Sonoma County (the jurisdiction responsible for Lakeville Road), the impact would be Significant and Unavoidable.</p>	Sonoma County Waste Management Agency Compost Facility
Traffic and Transportation	<p>The project would generate turning movements by heavy vehicles to and from Lakeville Road at Twin House Ranch Road, increasing the potential for road hazard conflicts between project traffic and through traffic. Significant</p>	<p>a. Implement Mitigation Measure 12.4a (posting of warning signs on Lakeville Road in advance of Twin House Ranch Road that cautions drivers about truck traffic entering and exiting the roadway).</p> <p>b. SCWMA shall implement intersection improvements identified in Mitigation Measures 12.2a and 12.2b.</p> <p>Less than Significant. However, if implementation</p>	Sonoma County Waste Management Agency Compost Facility

Resource Type	Impacts	Mitigation	CEQA Document
		<p>of Mitigation Measures 12.2a and 12.2b were not approved by Sonoma County (the jurisdiction responsible for Lakeville Road), the impact would be Significant and Unavoidable.</p>	
Traffic and Transportation	<p>There will be cumulatively considerable traffic impacts in the Project area, mainly due to increased truck traffic at various times along SR 58 and local routes parallel to the highway. Less than significant</p>	None	Nursery Products LLC, Hawes Composting Facility

