



CITY OF MONTEBELLO
Planning and Community Development Department
1600 W. Beverly Boulevard
Montebello, CA 90640
www.cityofmontebello.com

INITIAL STUDY OF ENVIRONMENTAL IMPACTS

1. Project Title:
NASA Services Transfer Station

2. Lead Agency Name and Address:
City of Montebello
Planning and Community Development Department
1600 W. Beverly Boulevard
Montebello, CA 90640

3. Contact Person and Phone Number:
Kate Downey
(310) 467-2965

4. Project Location:
1701 Gage Road
Montebello, CA 90640

5. Project Sponsor's Name and Address:
Arsen Sarkisian
NASA Services, Inc.
1701 Gage Road
Montebello CA 90640

6. General Plan Designation:
Industrial

7. Zoning:
Heavy Manufacturing (M-2)

8. Description of Project

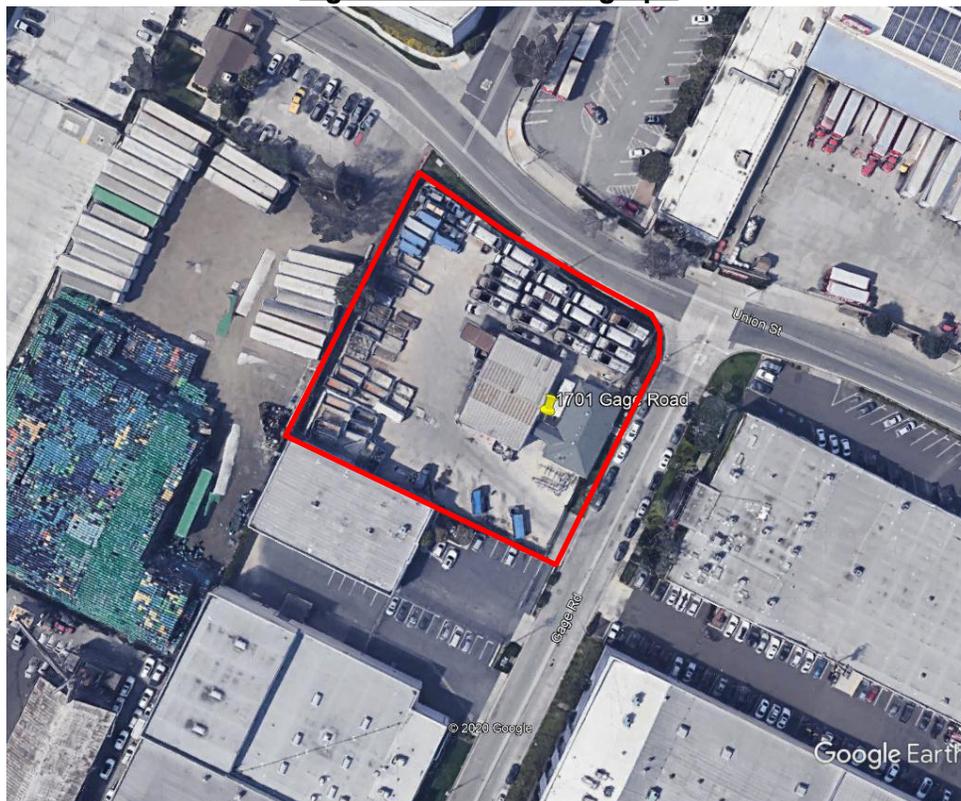
Overview

The proposed project entails a modification of Conditional Use Permit (CUP) No. 2-94, and a Zone Variance at 1701 Gage Road to allow processing and transfer of up to 1,500 tons per day (TPD) of municipal solid waste (MSW). A glass recycling facility formerly occupied the site, operating under CUP No. 2-94, which was approved in 1994.

Existing Site Conditions

The 1.07-acre (46,609 SF) site is currently developed with a 1,856 SF wood-frame and stucco office building, a 3,500 SF metal building, a 240 SF, paved parking/drive aisles and approximately, 6,000 SF of landscaping which borders the north and east portions of the site. Site access is provided by a driveway along Union Street and a driveway along Gage Road. The site is currently utilized as a collection truck and roll-off container storage yard for NASA Services, and is not open to the public. Approximately 30 collection trucks and 60 roll-off bins can be stored on the site at any time. The facility is open 3 AM – 5 PM Monday through Sunday, and typically staffed by one to two employees. Refer to **Figure 1** for an aerial photo of the site and surrounding area.

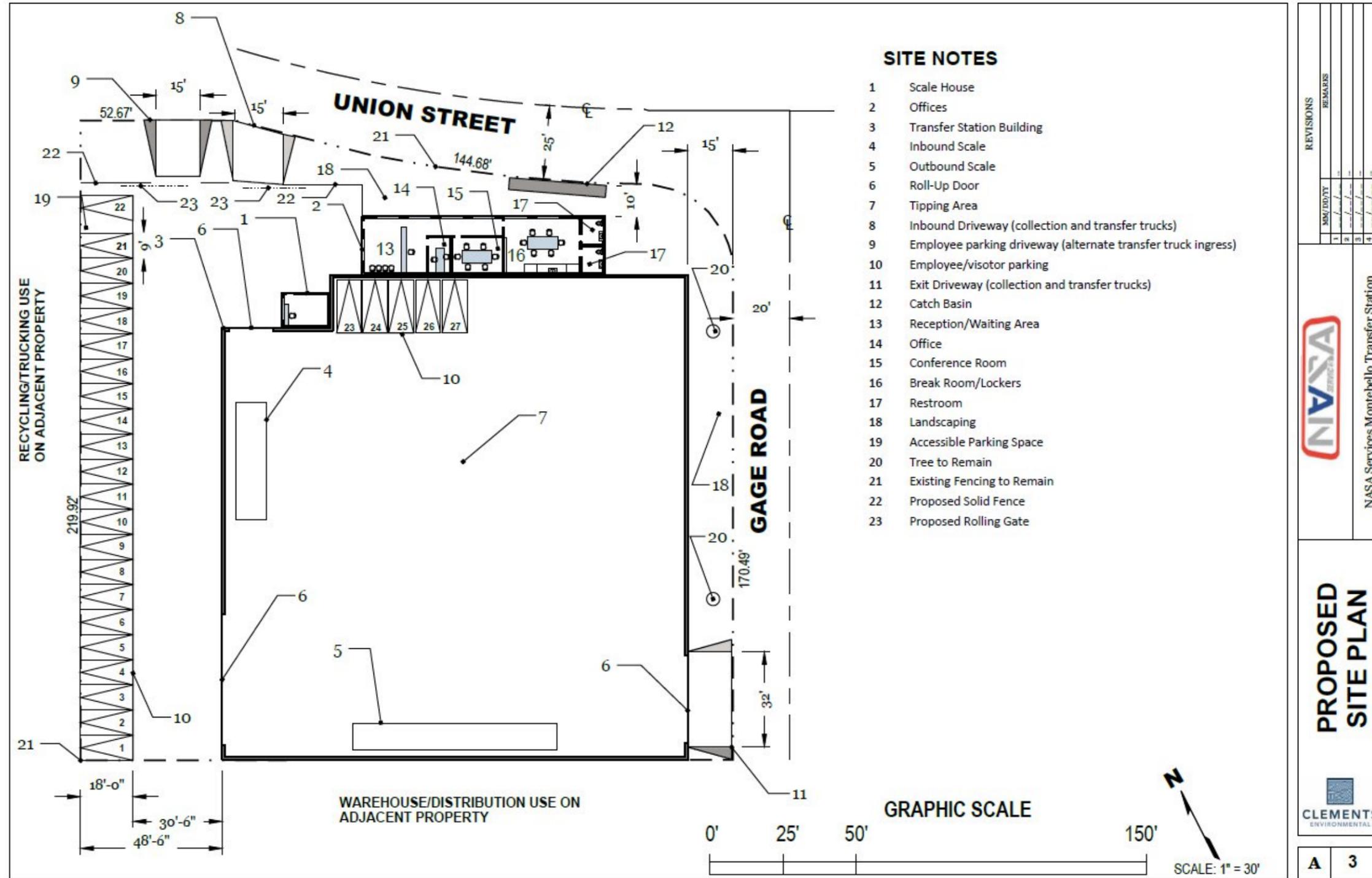
Figure 1. Aerial Photograph



Proposed Project

The existing structures will be demolished, and a 26,940 SF building will be erected in its place. The building will consist of three elements: 1) A 25,250 SF transfer station building; 2) offices totaling 1,530 SF and 3) a 160 SF scale house. The transfer station building will be approximately 40 feet tall and will incorporate a variety of building materials including decorative block along the lower portion of the walls as well as metal and translucent panels on the upper portions of the building. The building will be set back from the front (Union Street) property line by 10 feet, and 15 feet from the side (Gage Road) property line. The facility will accommodate 27 parking spaces, including one accessible parking space for employees and visitors along the west side of the property. On-site truck traffic will be directed one-way only to simplify traffic control and enhance the safety of the site: The driveway along Union Street will provide ingress, and the driveway along Gage Road will provide egress. An additional driveway will also be constructed along Union Street to provide employee and visitor access separate from the truck circulation. Refer to **Figure 2** for the Site Plan which includes circulation. The facility will operate 3 AM – 8 PM, Monday through Sunday.

Figure 2. Site Plan



The facility will be utilized as a 1,500 ton per day solid waste transfer station. Collection vehicles carrying municipal solid waste will enter the facility at the Union Street entrance, enter the building, weigh-in on the truck scale, tip their loads, then depart out the Gage Road exit. Larger trucks (transfer trucks) will enter the facility empty and will be loaded inside the building using an excavator or front end wheel loader. Once a transfer truck is loaded, it weighs out and departs to a landfill or off-site processing facility. All tipping, sorting, processing and loading activities will occur entirely inside the enclosed building. Approximately 104 vehicle trips occur as part of the existing use as a truck and roll-off bin storage yard. The proposed operation will generate approximately 426 additional vehicle trips when operating at full capacity, as described below in **Table 1**.

Table 1. Vehicle Trips

	1,500 Tons Per Day		
	Inbound	Outbound	Total
Collection Truck (8 tons/vehicle)	188	188	376
Transfer Truck (23 tons/vehicle)	65	65	130
Passenger Vehicles	12	12	24
Total Proposed Trips	265	265	530
Total Existing Trips	52	52	104
Total Increase (Proposed – Existing)	213	213	426

Conditional Use Permit

The site has an existing CUP, which allows the establishment of a glass recycling facility, and will require modification to reflect the proposed operation of a solid waste transfer station. However, the use is substantially similar to the previously-approved use, in which waste is received, processed and loaded for off-site shipment. The proposed project also has several additional controls in place such as the fully enclosed building for all industrial activities. All material will be removed from the site within 48-hours, per state regulations and in accordance with the requirements of the existing Conditional Use Permit and Montebello Zoning Code Section 17.64.050.

9. Surrounding Land Uses:

Zoning (MMC Chapter 17.04)

Northeast: M-2

Southeast: M-2

Southwest: M-2

West: M-2

Land Use (City of Montebello 1973b)

Northeast: Warehouse/manufacturing – Coca-Cola Bottling Company

Southeast: Warehouse/manufacturing

Southwest: Warehouse – Sam’s F&B,

West: Warehouse – Barrett Distribution Center

10. Other agencies whose approval is required (e.g., permits, financing approval, or participation agreement):

California Department of Resources Recycling and Recovery (CalRecycle)

Los Angeles Regional Water Quality Control Board

Los Angeles County Certified Unified Program Agency

Department of Toxic Substances Control

South Coast Air Quality Management District

Environmental Factors Potentially Affected:

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a “Potentially Significant Impact” as indicated by the checklist on the following pages.

	Aesthetics		Agriculture and Forestry Resources		Air Quality
	Biological Resources		Cultural Resources		Energy
	Geology and Soils		Greenhouse Gas Emissions		Hazardous and Hazardous Materials
	Hydrology and Water Quality		Land Use and Planning		Mineral Resources
	Noise		Population and Housing		Public Services
	Recreation		Transportation		Tribal Cultural Resources
	Utilities and Service Systems		Wildfire		Mandatory Findings of Significance

Determination:

On the basis of this initial evaluation:

I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.	X
I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.	
I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.	
I find that the proposed project MAY have a “potentially significant impact” or “potentially significant unless mitigated” impact on the environment, but at least one effect: 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards; and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.	
I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects: 1) have been analyzed adequately in an earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION pursuant to applicable standards; and 2) have been avoided or mitigated pursuant to that earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.	

Signature

Date

Printed Name

Evaluation of Environmental Impacts:

- 1) A brief explanation is required for all answers except “No Impact” answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A “No Impact” answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A “No Impact” answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
- 2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
- 3) “Potentially Significant Impact” is appropriate if there is substantial evidence that an effect is significant. If there are one or more “Potentially Significant Impact” entries when the determination is made, an Environmental Impact Report (EIR) is required.
- 4) “Potentially Significant Unless Mitigation Incorporated” applies where the incorporation of mitigation measures has reduced an effect from “Potentially Significant Impact” to a “Less than Significant Impact.” The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level.
- 5) Earlier analyses may be used where, pursuant to the tiering, Program EIR or other CEQA process, an effect has been adequately analyzed in an earlier EIR or Negative Declaration. Section 15063(c)(3)(D).
- 6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated. A references list should be attached and other sources used or individuals contacted should be cited in the discussion.

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
I. AESTHETICS. Except as provided in Public Resources Code Section 21099, would the project:				
a. Have a substantial adverse effect on a scenic vista?				X
b. Substantially damage scenic resources, including, but not limited to trees, rock outcroppings, and historic buildings within a state scenic highway?				X
c. Substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?				X
d. Create a new source of substantial light or glare that would adversely affect day or nighttime views in the area?				X
<p>Discussion:</p> <p>a. The site is located in an industrial, urbanized setting and will be developed with a single-story warehouse building. Operations will be limited to inside the building, or screened via solid perimeter fencing where necessary. The proposed project will alter the viewscape, however the building will be architecturally compatible with the surrounding development.</p> <p>b. As the project site is developed, the proposed project will not entail damage to any scenic resources. The on-site building to be demolished is not a historic building, according to the California State Office of Historic Preservation, or located within a state scenic highway, according to California Department of Transportation, as well as the City of Montebello General Plan Scenic Highways Element.</p> <p>c. The proposed project includes the development of a single-story warehouse structure, which will be compatible with the surrounding warehouses and industrial land use. The structure will adhere to the development standards outlined in Section 17.32.120 of the Municipal Code, which indicate a maximum two-to-one ratio of floor area to lot size. The project is located in a highly urbanized area, and would not conflict with the zoning of the site (Heavy Manufacturing) and vicinity. The existing grass, tree and shrub landscaping will remain on-site.</p> <p>d. The site is currently developed and includes exterior lighting to provide security and allow nighttime operations, which will be replaced with similar lighting elements. The proposed project would not result in a substantial increase in nighttime lighting in the project vicinity beyond the current levels which are associated with ongoing operations, as well as security lighting associated with surrounding industrial and warehouse uses. As per Section 17.32.210 of the Montebello Municipal Code, the proposed lighting fixtures or operation will not create illumination which exceeds .5 footcandles at any point on the lot lines of the use, except as necessary to meet the requirements of the security provisions in Section 15.08.110 of the Code.</p>				

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
II. AGRICULTURE RESOURCES. Would the project:				
a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?				X
b. Conflict with existing zoning for agricultural use, or a Williamson Act contract?				X
c. Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220[g]), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 5110[g])?				X
d. Result in the loss of forest land or conversion of forest land to non-forest use?				X
e. Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?				X
<p>Discussion:</p> <p>a. The site is zoned M-2 (Heavy Manufacturing) and has been used for industrial purposes since at least 1966. The project site does not contain any farmland, nor are any farmlands located in the project vicinity. No impact to farmland will result from the proposed project.</p> <p>b. The project site and surrounding land is zoned for M-2 (Heavy Manufacturing) and used industrial purposes. There are no lands in the project area zoned for agricultural uses, and there are no farming or farmland in the area. The project will not have any impacts on agricultural uses or a Williamson Act contract preserve based on the lack of such land in the area.</p> <p>c. There is no forest or timberland zoned for timberland production in the project area, and the proposed project will therefore not conflict with existing zoning for, or cause rezoning of, forest land or timberland zoned Timberland Production.</p> <p>d. No forest lands or open space areas are located in the project vicinity. In addition, there are no areas zoned for forest land preservation in the project vicinity. Therefore, no impacts on forest land or timber resources will result from implementation of the proposed project.</p> <p>e. No agricultural activities or farmland uses are located within the project area. The proposed project will not involve the conversion of any existing farmland area to urban uses and, as a result, no impacts will</p>				

result from implementation of the proposed project.

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
III. AIR QUALITY. Would the project:				
a. Conflict with or obstruct implementation of the applicable air quality plan?				X
b. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?				X
c. Expose sensitive receptors to substantial pollutant concentrations?			X	
d. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?			X	
Discussion:				
<p>a. The project site is located in the South Coast Air Basin which is managed by the South Coast Air Quality Management District (SCAQMD) and covers a 6,600 square-mile area within Orange County, the non-desert portions of Los Angeles County, Riverside County, and San Bernardino County. The SCAQMD is required, pursuant to the Clean Air Act of 1988, to reduce emissions of criteria pollutants for which the basin is in nonattainment. Strategies to achieve these emissions reductions are included in the SCAQMD's Air Quality Management Plan (AQMP) for the region. The Final 2012 AQMP was jointly prepared with the California Air Resources Board (CARB) and the Southern California Association of Governments (SCAG), and takes into account population projections for communities within the basin. Two consistency criteria that should be referred to in determining a project's conformity with the AQMP are identified in Chapter 12 of the AQMP and Section 12.3 of the SCAQMD's CEQA Air Quality Handbook. Consistency Criteria 1 refers to a project's potential for resulting in an increase in the frequency or severity of an existing air quality violation or a contribution to the continuation of an existing air quality violation. Consistency Criteria 2 refers to a project's potential for exceeding the assumptions included in the AQMP or other regional growth projections relevant to the AQMP's implementation.</p> <p>Regarding "Consistency Criteria 1", the proposed project will not result in an increase in the frequency or severity of an existing air quality violation or a contribution to the continuation of an existing air quality violation. The construction phase of the proposed project will utilize a variety of standard-industry equipment to accomplish demolition, site preparation, grading, paving and building construction. Utilizing the California Emissions Estimator Model (CalEEMod), the results of which are presented in Table A-1 of this Initial Study, construction emissions would not exceed SCAQMD's regional significance thresholds for VOC, NOx, CO, PM10 and PM2.5.</p> <p>The operational phase of the proposed project will increase the number of vehicles using the facility as</p>				

well as off-road diesel-powered equipment used to process material at the facility. However, because collection trucks, which are and will be the primary vehicles using the facility, are required to comply with the California Air Resources Board solid waste collection vehicle (SWCV) rule which was adopted by the in 2004. This rule applies to all SWCV diesel vehicles more than 14,000 pounds in weight with engines more than 7 years old (before 2006) that collect waste for a fee. All vehicles subject to the SWCV rule are required to reduce smoke from 100% of tier 1 engines and 60% of tier 2 engines. Eventually all of the collection vehicles involved in commercial solid waste collection will use compressed natural gas (CNG), thus meeting these requirements. In addition, diesel fueled transfer trucks and off-road equipment used as part of the facility operation are also subject to increased emission controls and regulations as older engines are phased out and replaced with newer models. Nonetheless, by utilizing the CalEEMod and analyzing the emissions of the project, operational emissions would not exceed SCAQMD's regional significance thresholds for VOC, NOx, CO, PM10 and PM2.5 and are summarized in Table A-1 of this Initial Study. Therefore, the proposed project's operational impacts on regional air quality are considered less than significant.

Regarding "Consistency Criteria 2", The proposed project will not result in any significant adverse impacts related to the implementation of the AQMP as the project will not adversely affect any regional population, housing, and employment projections prepared for the City by SCAG. The project will add approximately 4-6 employees. According to SCAG, in 2012, the City of Montebello had a permanent population of 63,000 persons, 19,100 households, and employment for 27,500 persons. SCAG forecasts, in their 2016 Regional Transportation Plan (adopted April 2012), that by 2020, the City will have a total population of 65,300 persons (an increase of 3.6 percent from 2012), 20,300 households (an increase of 6.3 percent), and will provide employment for 29,200 persons (an increase of 6.2 percent). The local jobs created by the project will be considered a benefit to the local community. As a result, the proposed project would not be in conflict with, or result in an obstruction of, the applicable 2007 AQMP.

- b. While increases to the criteria pollutants will exist as a result of the construction phase and operational phase of the project, no exceedances of the South Coast Air Quality Management District's regional significant thresholds will occur, and therefore the project's increase in criteria pollutants are considered less than significant. The results of the California Emissions Estimator Model are presented in Table A1.
- c. The site is located over 2,100 feet from the nearest sensitive receptors (Veterans Memorial Park), and therefore no sensitive receptors will be affected by the project.
- d. The project may result in odor emissions resulting from the solid waste material to be processed at the site. The potential for adverse odor impacts is reduced by tipping, processing and loading waste material inside the transfer station building which includes negative air pressure and an overhead misting system equipped with neutralizing agents.

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
IV. BIOLOGICAL RESOURCES. Would the project:				
a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local				X

or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?				
b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?				X
c. Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				X
d. Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?				X
e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?				X
f. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?				X
<p>Discussion:</p> <p>a. Per the City of Montebello General Plan, Conservation Element, no habitat for sensitive species exists onsite. Areas of the site that are not currently developed with buildings or equipment are paved. No biological impacts are anticipated from the proposed project, as the area proposed for development is currently paved and improved</p> <p>b. There is no riparian habitat or other sensitive natural community located on the project site or in the project vicinity that could be impacted by the proposed project.</p> <p>c. No impact to wetlands would occur as a result of the project.</p> <p>d. As there are not any migratory wildlife corridors on or near the site, the proposed project would not result in any impacts to the movements of fish or wildlife species.</p> <p>e. The project site contains two trees as part of the existing landscaping, which will remain. No other trees or biological resources exist on the site and no impacts to those resources would result from the proposed project.</p> <p>f. The proposed project would not conflict with the provisions of adopted conservation plans and no impacts to any adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan would occur.</p>				

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
V. CULTURAL RESOURCES. Would the project:				
a. Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?				X
b. Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?				X
c. Disturb any human remains, including those interred outdoors of formal cemeteries?				X
<p>Discussion:</p> <p>a. According to the California State Office of Historic Preservation the project site does not contain and is not expected to adversely impact a historical resource as defined in the State of California’s CEQA Statutes. The closest historical resource is the Montebello Woman’s Club, located over two miles from the project site.</p> <p>b. No impacts to archaeological resources are expected to occur as a result of the proposed project, since the site has been developed for at least 50 years, and excavation would have occurred at the time of original construction or past redevelopment activities. However, there is potential to discover/disturb as-yet-unidentified buried cultural resources which may be present at the site. If these materials are uncovered or suspected during construction, activities will be halted until they can be identified.</p> <p>c. The likelihood of encountering human remains in the course of the Project development is considered remote. However, as required by California Health and Safety Code Section 7050.5, should human remains be found, no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resource Code Section 5097.98. The County Coroner must be notified of the find immediately. If the remains are found to be prehistoric, the coroner would coordinate with the California Native American Heritage Commission as required by State law. Based on compliance with these existing regulations, the Project’s potential to disturb human remains is considered remote, and is considered to have no impact in this regard.</p>				

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
VI. ENERGY RESOURCES. Would the project:				
a. Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?				X

b. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?				X
<p>Discussion:</p> <p>a. The project entails demolition of a one-story building and the construction of a warehouse style building and paved areas. Standard construction practices will be employed by a qualified contractor, and no unusual construction activities will be required. Furthermore, the project will comply with California Green Building Standards Code (CalGreen/Title 24, Part 11) Energy Conservation Requirements. The proposed building once constructed, will also utilize translucent panels to allow use of daylight to reduce energy consumption.</p> <p>b. The project will not conflict with or obstruct a state or local plan for renewable energy or energy efficiency, nor will the project restrict solar access to adjacent properties, or the future use of solar energy on those properties.</p>				

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
VII. GEOLOGY AND SOILS. Would the project:				
a. Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				X
i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.			X	
ii. Strong seismic ground shaking?			X	
iii. Seismic-related ground failure, including liquefaction?			X	
iv. Landslides?				X
b. Result in substantial soil erosion or the loss of topsoil?				X
c. Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off- site landslide, lateral spreading, subsidence, liquefaction or collapse?				X

d. Be located on expansive soil, as defined in Table 18-1- B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?				X
e. Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?				X
f. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?				

Discussion:

- a.i. The project site area is not located within a fault or surface rupture zone. The closest active faults and Alquist-Priolo Earthquake Fault Zones are approximately 4.5 to 8 miles from the project site. The proposed project will not result in increased impacts related to risk of loss, injury or death involving seismic activity.
- a.ii. According to the City of Montebello’s Seismic Safety Element of the General Plan, the following faults are located in the Montebello area: Whittier, Newport, Inglewood, Sierra Madre and San Andreas. The safety of site users may be affected by seismic activity. The potential impact will be less than significant as the new construction will adhere to all applicable building and safety codes.
- a.iii. Based on the City of Montebello’s Seismic Safety Element of the General Plan, the site and surrounding areas are underlain by alluvial deposits, and the potential for liquefaction is present as a “limited hazard” . However, as part of the City’s established review and approval of development projects, the project will be reviewed and may require a geotechnical study for review and approval by the City Engineer. New development proposals are required to comply with the requirements of the approved geotechnical report if applicable, as well as applicable provisions of the California Building Code (CBC). Compliance with these measures will reduce potential risks relative to geologic, soils, and potential liquefaction conditions to acceptable levels.
- a.iv. The site is not within a landslide area and no impacts to people or structures are anticipated.
- b. Operations at the site will not result in substantial soil erosion or the loss of topsoil as the facility is completely paved.
- c. According to the Seismic Safety Element of the City of Montebello’s General Plan, differential settlement, liquefaction, natural landslides, rock falls and subsidence are considered “limited hazards” in Montebello. Ground displacement is not considered a significant hazard because no active or potentially active faults are known to present within the limits of the City of Montebello.
- d. Per the City of Montebello’s Seismic Safety Element of the General Plan, the site is not located on unstable or expansive soil, as defined in Table 18-1-B of the Uniform Building Code. Further, and as noted previously, the City’s development review and approval process may require a geotechnical study for review and approval by the City Engineer if deemed appropriate. Compliance with these measures will reduce potential risks relative to unstable or expansive soils that may be encountered.
- e. No septic tanks or alternative wastewater disposal systems are proposed. Percolation testing may be performed as part of the facility’s Low Impact Development (LID) system design, the results of which will be incorporated into the design features. Thus, there are no anticipated impacts related to any limitations of such systems related to inadequate soils.
- f. The site has been developed for at least 50 years, and no paleontological resources or unique geologic features have been identified to date. However, there is a potential to discover/disturb as-yet-unidentified buried cultural resources which may be present at the project site. If such a discovery is made, work will be halted until the resource can be identified.

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
VIII. GREENHOUSE GAS EMISSIONS. Would the project:				
a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?			X	
b. Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?			X	
<p>Discussion:</p> <p>a. The State of California requires CEQA documents include an evaluation of greenhouse gas (GHG) emissions or gases that trap heat in the atmosphere. GHG are emitted by both natural processes and human activities. Examples of GHG that are produced both by natural and industrial processes include carbon dioxide (CO₂), methane (CH₄), and nitrous oxide (N₂O). The accumulation of GHG in the atmosphere regulates the earth's temperature.</p> <p>The proposed project involves a request for NASA Services to obtain a permit with the maximum daily permitted capacity to 1,500 TPD. Utilizing the California Emissions Estimator Model (CalEEMod), the results of which are presented in Table A-1 of this Initial Study, construction and operational emissions would not exceed SCAQMD's regional significance thresholds CO₂E (Metric tons of carbon dioxide equivalent). As a result, the impacts related to additional greenhouse gas emissions will be less than significant.</p> <p>b. The proposed project will further a number of the California Office of the Attorney General's recommended policies and measures that are designed to reduce GHG emissions. list of the Attorney General's recommended measures and the project's conformance with each are indicated below The proposed use will incorporate sustainable practices that include water, energy, and solid waste efficiency measures.</p> <ul style="list-style-type: none"> • Attorney General's Recommended Measure: Smart growth, jobs/housing balance, transit-oriented development, and infill development through land use designations, incentives and fees, zoning, and public-private partnerships. Compliant. The use will preserve existing employment in addition to providing new opportunities improving the region's jobs housing balance. Percent Reduction. 10% • Attorney General's Recommended Measure: Create transit, bicycle, and pedestrian connections through planning, funding, development requirements, incentives and regional cooperation; create disincentives for auto use. Compliant. The project will not adversely affect the future development of pedestrian or bicycle facilities along the adjacent public rights-of-way. Percent Reduction. 5% • Attorney General's Recommended Measure: Energy- and water-efficient buildings and landscaping through ordinances, development fees, incentives, project timing, prioritization, and other implementing tools. Compliant. The project will be consistent with the requirements of AB-1881 as it relates to irrigation and water conservation. 				

Percent Reduction. 10%

- Attorney General's Recommended Measure: Waste diversion, recycling, water efficiency, energy efficiency and energy recovery in cooperation with public services, districts and private entities. Compliant. The project will adhere to the use of sustainability practices involving the recycling and reduction solid waste. The project assists in both waste diversion and recycling
- Percent Reduction. 5%
 Attorney General's Recommended Measure: Regional cooperation to find cross-regional efficiencies in GHG reduction investments and to plan for regional transit, energy generation, and waste recovery facilities.
 Compliant. Refer to previous bullet points.

Percent Reduction. NA
 TOTAL GHG REDUCTION: 30%
 AB-32 requires the reduction of GHG emissions to 1990 levels, which would require a minimum 28 percent reduction in "business as usual" GHG emissions for the entire State. As the proposed project would reduce its GHG emissions by at least 30 percent as previously indicated, the potential GHG impacts are considered to be less than significant.

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
IX. HAZARDS AND HAZARDOUS MATERIALS. Would the project:				
a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?			X	
b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?			X	
c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?				X
d. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code §65962.5 and, as a result, would it create a significant hazard to the public or the environment?				X
e. For a project located within an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or				X

working in the project area?				
f. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?				X
g. Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?				X
<p>Discussion:</p> <p>a. Hazardous waste will not be accepted at the Transfer/Processing Facility. If incidental hazardous waste is found in the loads of material handled, the facility will comply with all requirements of the Solid Waste Facility Permit and Department of Toxic Substance Control.</p> <p>b. Hazardous waste will not be accepted at the Transfer/Processing Facility. If incidental hazardous waste is found in the loads of material handled, the facility will comply with all requirements of the Solid Waste Facility Permit and Department of Toxic Substance Control, and therefore no impacts related to the release of hazardous materials are expected to occur. According to building permit records from 1966, two 10,000-gallon gasoline underground storage tanks were permitted to the site for on-site fueling. No records exist related to their removal. If these tanks are encountered upon excavation and grading activities, they will be reported to the LA County Fire Department and LA County Department of Public Works, Environmental Programs Division and closed/removed in accordance with all applicable regulations.</p> <p>c. The site is not located within one quarter mile of an existing or currently proposed school site and no hazardous or acutely hazardous emissions are associated with operation of the proposed facility.</p> <p>d. The site is not located on the list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, will not create a significant hazard to the public or the environment. This fact was verified on the Department of Toxic Substances Control, EnviroStor, Hazardous Waste and Substances Site List.</p> <p>e. The project site is not located within an airport hazard land use area.</p> <p>f. The project is located in a developed urban area with fully improved streets and would not interfere with the implementation of any emergency response or evacuation plans.</p> <p>g. The project is not located near any wildlands, and will not expose people or structures to a significant risk of loss, injury or death involving wildland fires</p>				

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
X. HYDROLOGY AND WATER QUALITY. Would the project:				
a. Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?			X	
b. Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project				X

may impede sustainable groundwater management of the basin?				
c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				X
i. result in a substantial erosion or siltation on- or off-site;				X
ii. substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site;				X
iii. 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; or				X
iv. impede or redirect flood flows?				X
d. In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?				X
e. Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?				X
<p>Discussion:</p> <p>a. All industrial material storage, handling and activity will be performed inside the building, and therefore the operation is not anticipated to impact surface or groundwater. However, the facility will enroll in the Industrial Stormwater General Permit Order 2014-0057-DWQ, and comply with all requirements of such, through either the development of a Stormwater Pollution Prevention Plan or No Exposure Certification.</p> <p>b. The facility does not require the use of groundwater or result in the addition of impervious surfaces that would deplete groundwater supplies or interfere with groundwater recharge. No impacts to groundwater are anticipated as a result of project implementation.</p> <p>c. The facility is completely paved and there will be no significant change to the onsite drainage pattern. There will be no alteration of any streams or rivers and there will not be any substantial erosion. The facility will not change the course of a stream or river or substantially increase the amount of surface runoff, result in flooding either off or on site, create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage system, or impede or redirect flood flows.</p> <p>d. According to the Federal Emergency Management Agency (FEMA) Flood Map Number 06037C1830F, effective September 26, 2008, the project site is located in an area of minimal flood hazard, and is not located in a tsunami or seiche zone.</p> <p>e. The project will not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan.</p>				

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XI. LAND USE AND PLANNING. Would the project:				
a. Physically divide an established community?				X
b. Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?				X
<p>Discussion:</p> <p>a. The facility is located in an industrial area that has been developed for at least 50 years. The proposed project, therefore does not have the potential to physically divide an established community.</p> <p>b. The facility is classified as a solid waste transfer station and is situated in the M2 (Heavy Manufacturing) Zone, which is reserved for the heaviest industrial uses in the City. The proposed project would not conflict with any land use plan, policy or regulation of an agency with jurisdiction over the site. A previous glass recycling facility located at the site was permitted under Conditional Use Permit 2-94 issued by the City of Montebello. The proposed project will include a modification of the previous CUP.</p>				

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XII. MINERAL RESOURCES. Would the project:				
a. Result in the loss of availability of a known mineral resource that would be a value to the region and the residents of the state?				X
b. Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?				X
<p>Discussion:</p> <p>a. The project will not result in the loss of a known mineral resource, as per the Conservation Element of the City of Montebello General Plan.</p> <p>b. The project will not result in the loss of a locally important mineral resource recovery site as delineated on the Conservation Element of the City's General Plan.</p>				

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XIII.NOISE. Would the project result in:				
a. Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?			X	
b. Generation of excessive groundborne vibration or groundborne noise levels?				X
c. For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?				X
Discussion:				
<p>a. The project will include the demolition of the existing buildings and construction of a new building, which will temporarily increase ambient noise levels in the vicinity of the project; however all local general plan, noise ordinances, or other applicable standards will be adhered to during construction activities. Existing noise sources in the area surrounding the project site include automobile and truck traffic, and surrounding industrial and manufacturing businesses. The facility, once constructed will maintain all industrial activities, with the exception of truck traffic, inside the building and noise levels are not expected to exceed standards established in the local general plan or noise ordinance.</p> <p>b. The project is not expected to generate excessive groundborne vibration or groundborne noise levels.</p> <p>c. The project is not located in an airport land use area or in the vicinity of a private airstrip.</p>				

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XIV. POPULATION AND HOUSING. Would the project:				
a. Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?			X	
b. Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing				X

elsewhere?				
<p>Discussion:</p> <p>a. The new facility will create approximately 12 jobs. However, these new jobs will induce a less than significant population growth in the area as the facility intends to hire people from the local community.</p> <p>b. No people or housing will be displaced, as the project entails the redevelopment of an existing industrial site.</p>				

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XV. PUBLIC SERVICES.				
a. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services:			X	
Fire protection?			X	
Police protection?			X	
Schools?				X
Parks?				X
Other public facilities?				X
<p>Discussion:</p> <p>a. The facility will maintain fire suppression equipment, fire extinguishers, emergency safety and spill equipment, and fire hoses. The project site is located approximately one mile from the nearest fire station (Fire Dept. Station 56) which is equipped with a paramedic engine and an State Office of Emergency Services (OES) Engine, and is staffed with four firefighters and a minimum of two paramedics per day. Therefore there will be no anticipated impact to the public services related to fire.</p> <p>b. The project site is located approximately four miles from the nearest police station, which will continue to service the project and surrounding areas. Impacts to police response are considered less than significant as this change at the site will only increase the number of employees on site by approximately 6-10 people.</p> <p>c. The project is an industrial land use and will not increase demand on schools.</p> <p>d. The project is an industrial land use and will not increase demand on parks.</p> <p>e. The project is an industrial land use and will not increase demand on other public facilities such as libraries, medical facilities.</p>				

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XVI. RECREATION.				
a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?				X
b. Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?				X
<p>Discussion:</p> <p>a. The facility is an industrial use that will not impact parks or recreational areas/spaces.</p> <p>b. The facility does not include recreational facilities, or require the construction or expansion of recreational facilities, that could have an adverse physical effect on the environment.</p>				

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XVII. TRANSPORTATION/TRAFFIC. Would the project:				
a. Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?			X	
b. Conflict or be inconsistent with CEQA Guidelines §15064.3, subdivision (b)?			X	
c. Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?			X	
d. Result in inadequate emergency access?			X	
<p>Discussion:</p> <p>a. The facility will not conflict with any program, plan, ordinance, or policy addressing the circulation system as presented in the City of Montebello’s General Plan Circulation Element. An estimated 426 additional vehicle trips (inbound and outbound combined) will be generated as a result of the project, and is broken down by vehicle type and by hour in Table B-1 and B-2 of this Initial Study. The maximum peak hour vehicle trips will be at most, 32 vehicles, in any peak hour. This falls under the threshold for a Traffic Impact Study of 50 vehicles per hour during the peak hours, according to the</p>				

Guidelines for Process and Requirements for Traffic Impact Study Reports dated December 2004 for the City of Montebello. Furthermore, the facility will be able to oversee and direct truck traffic and circulation as part of their operation, and ensure that periods of heavier traffic to and from the site are limited during peak-hours, and that the traffic is more evenly distributed throughout the day. In this way, any impact to traffic is estimated to be less than significant.

b. The project will not conflict with CEQA guidelines as presented in CCR §15064.3, subdivision (b) which determines the criteria for analyzing transportation impacts. The guidelines indicate that Vehicle Miles Traveled Using a Vehicle Miles Traveled is generally the most appropriate measure of transportation impacts. CCR §15064.3 (b) (1) indicates that projects that decrease vehicle miles traveled in the project area compared to existing conditions should be presumed to have a less than significant transportation impact. The intention and result of the proposed project is to reduce overall vehicle miles traveled to increase efficiency, both fuel cost and time expended, for existing solid waste collection routes which serve the community surrounding the project. Collection routes that are currently operating with the utilization of other existing transfer stations will not relocate to the proposed project facility without a reduction in time spent and/or fuel cost; therefore, the overall vehicle miles traveled would be reduced by virtue of the project coming online.

c. The site is currently developed, and the existing ingress/egress out of the site will be utilized or modified to enhance their functionality. The facility will adhere to all applicable development standards outlined in the City of Montebello Municipal Code with relation to visibility and setback requirements. In addition, on-site personnel will be designated for traffic control during peak operational hours, and additional circulation aids, such as mirrors will be utilized as necessary to ensure safe traffic circulation into, throughout and out of the site.

d. The site is currently developed and allows for adequate emergency access. The project will not restrict emergency access, as no significant changes to the ingress or egress of the site are proposed.

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XVIII. TRIBAL CULTURAL RESOURCES. Would the project:				
a. Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
i. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k), or				X

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

Discussion:

- a. The site is currently developed with an industrial facility. The project would not cause a substantial adverse change in the significant of a tribal cultural resource, as either a site, feature, place, cultural landscape.
- b. The site is not listed or eligible for listing in the California Register of Historical Resource or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k).
- c. The site is not a resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1.

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XIX. UTILITIES AND SERVICE SYSTEMS. Would the project:				
a. Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?				<p>X</p>
b. Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?				<p>X</p>
c. Result in a determination by the waste water treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?				<p>X</p>
d. Generate solid waste in excess of state or local standards, or in excess of the				<p>X</p>

capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?				
e. Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?				X
<p>Discussion:</p> <p>a. This site is already developed and connected to utilities and will not require new or significant expansion of water, wastewater treatment, stormwater drainage, electric power, natural gas, or telecommunications facilities. The estimated electricity requirements of the proposed project are limited, since most off-road equipment is diesel-powered, and the primary utilization of electricity will be general office, the transfer station ventilation system, and warehouse-style lighting. According to the San Gabriel Valley Water Company Urban Water Management Plan, projections use a target of 142 gallons per capita per day (gpcd), to accomplish water conservation goals. The primary use of water for the proposed project is the transfer station building misting system, however the project is estimated to be able to operate within the target outlined in the Urban Water Management Plan. Therefore impacts to utility supply are considered less than significant.</p> <p>b. As discussed above, according to the San Gabriel Valley Water Company Urban Water Management Plan, the utility uses a target of 142 gpcd to accomplish long-term water conservation goals, and has sufficient water supplies available to serve the facility. No additional entitlements are necessary.</p> <p>c. The project will not significantly change the amount of water consumption or wastewater discharge generated at the facility; therefore, the project would not require the construction or expansion of water or wastewater treatment facilities.</p> <p>d. Based a solid waste generation rate of 9 pounds per day per worker, 108 pounds of solid waste per day would be generated by the proposed project. The proposed project would accept 1,500 TPD of municipal solid waste from the surrounding community, to be transported to a local permitted landfill with capacity.</p> <p>e. As presented in the Project Description, the project in itself will enhance and support local and regional waste management systems and strategies consistent with local and state-wide waste reduction mandates, and will act to effectively apportion solid waste streams.</p>				

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XX. WILDFIRE. If located in or near state responsibility areas or lands classified as very high fire hazard severity zones would the project:				
a. Substantially impair an adopted emergency response plan or emergency evacuation plan?				X
b. Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?				X
c. Require the installation or maintenance of associated infrastructure (such as roads,				X

fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?				
d. Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?				X
<p>Discussion:</p> <p>a. The site is currently developed with an industrial facility, and the proposed project will not substantially impair an adopted emergency response plan emergency evacuation plan, or evacuation routes identified in the Safety Element and Circulation Elements of the City of Montebello’s General Plan.</p> <p>b. The site is not located in an area of high fire hazard severity zone and is located in a densely urbanized area. Project occupants would not typically be exposed to significant pollutant concentrations from a wildfire. However, in extreme cases and years of extensive and wide-spread wildfires, there is potential for occupants to experience temporary periods of poor air quality. The majority of operations at the site will occur inside the building, and occupants will spend limited time outdoors. No significant impact is anticipated as a result of wildfire.</p> <p>c. The site is not located in an area of high fire hazard severity zone and would not require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that would exacerbate fire risk.</p> <p>d. As the project site is not subject to wildfire hazards, the project would not expose people or structures to significant post-fire risks, such as downslope or downstream flooding, or landslides that may result from changes to runoff or drainage patterns.</p>				

Issues (and Supporting Information Sources):	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
XXI. MANDATORY FINDINGS OF SIGNIFICANCE				
a. Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?			X	
b. Does the project have impacts that are individually limited, but cumulatively considerable? (“Cumulatively considerable” means that the incremental effects of a project are considerable when			X	

<p>viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)</p>				
<p>c. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?</p>			<p>X</p>	
<p>Discussion:</p> <p>a. The project will not have a significant negative effect on the quality of the environment, the habitat of fish or wildlife species, or the plant or animal community.</p> <p>b. Section 15355 of the CEQA Guidelines defines cumulative impacts as “two or more individual effects which, when considered together, are considerable or which compound or increase other environmental impacts.” This section further states that cumulative effects may be changes resulting from a single project or a number of separate projects and that the cumulative impacts are those which may result from “closely related, past, present and reasonably foreseeable probable future projects” (Guidelines, Section 15355[b]. Based on the previous and existing uses of the property, the additional project will not result in environmental effects that are individually limited but cumulatively considerable.</p> <p>c. The project will not result in environmental effects that will cause substantial adverse effects on human beings. Furthermore, the facility will comply will all applicable state and local guidelines to ensure regulatory compliance is maintained during project development and operation.</p>				

APPENDIX A

TABLE A-1. PROJECT CONSTRUCTION & OPERATION EMISSIONS

	CONSTRUCTION			OPERATION		
	Project Emissions (lbs/day) ¹	SCAQMD Threshold (lbs/day)	Threshold Exceeded	Project Emissions (lbs/day) ²	SCAQMD Threshold (lbs/day)	Threshold Exceeded
NOx	6.91	100	NO	25.21	55	NO
CO	6.47	550	NO	10.52	550	NO
SOx	0.011	150	NO	0.11	150	NO
PM10	0.45	150	NO	4.53	150	NO
PM2.5	0.34	55	NO	1.36	55	NO
MTCO ₂ eq ³	188.1	10,000	NO	1,839.4	10,000	NO

Notes: 1. Raw construction emissions calculated using CalEEMod defaults based on land use and site square footage; 2. Operational emissions increase from proposed project calculated using CalEEMod assuming 426 vehicle trips per day; 3. Millions of Tons of Carbon Dioxide Equivalent

<< Insert CalEEMod Output PDF >>

APPENDIX B

TABLE B-1. PROJECT TRIP GENERATION ESTIMATES

Land Use/Vehicle Type	Daily			AM Peak Hour			PM Peak Hour		
	In	Out	Total	In	Out	Total	In	Out	Total
EXISTING TRUCK STORAGE YARD									
Employee Vehicles	2	2	4	0	0	0	0	0	0
Collection/ Roll-Off Trucks	50	50	100	0	0	0	0	0	0
Transfer Trucks	0	0	0	0	0	0	0	0	0
Total	52	52	104	0	0	0	0	0	0
PROPOSED TRANSFER STATION FACILITY (1,500 TPD)									
Employee Vehicles	12	12	24	0	0	0	0	0	0
Collection/ Roll-Off Trucks	188	188	376	10	10	20	12	12	24
Transfer Trucks	65	65	130	6	6	12	0	0	0
Total	265	265	530	16	16	32	12	12	24
TOTAL SITE TRIP GENERATION DIFFERENCE (Proposed - Existing)									
Employee Vehicles	10	10	20	0	0	0	0	0	0
Collection/Roll-Off Trucks	138	138	276	10	10	20	12	12	24
Transfer Trucks	65	65	130	6	6	12	0	0	0
Total	213	213	426	16	16	32	12	12	24

Note:

Projected trip generation estimates provided by experience with typical solid waste facility operations.

TABLE B-2. PROPOSED HOURLY TRAFFIC ESTIMATES

Time	Commercial Vehicles			Employee Vehicles			Transfer Trucks		
	In	Out	Total	In	Out	Total	In	Out	Total
12:00 - 1:00 AM	0	0	0	0	0	0	0	0	0
1:00 - 2:00 AM	0	0	0	0	0	0	0	0	0
2:00 - 3:00 AM	0	0	0	0	0	0	0	0	0
3:00 - 4:00 AM	6	6	12	3	0	3	3	4	7
4:00 - 5:00 AM	7	7	14	3	0	3	4	4	8
5:00 - 6:00 AM	10	10	20	0	0	0	4	4	8
6:00 - 7:00 AM	10	10	20	0	0	0	4	4	8
7:00 - 8:00 AM	10	10	20	0	0	0	6	6	12
8:00 - 9:00 AM	10	10	20	0	0	0	6	6	12
9:00 - 10:00 AM	14	14	28	0	0	0	6	6	12
10:00 - 11:00 AM	14	14	28	0	0	0	6	6	12
11:00 - 12:00 PM	14	14	28	3	0	3	6	6	12
12:00 - 1:00 PM	14	14	28	3	3	6	5	5	10
1:00 - 2:00 PM	14	14	28	0	3	3	5	5	10
2:00 - 3:00 PM	14	14	28	0	0	0	5	5	10
3:00 - 4:00 PM	14	14	28	0	0	0	5	4	9
4:00 - 5:00 PM	12	12	24	0	0	0	0	0	0
5:00 - 6:00 PM	12	12	24	0	0	0	0	0	0
6:00 - 7:00 PM	7	7	14	0	0	0	0	0	0
7:00 - 8:00 PM	6	6	12	0	0	0	0	0	0
8:00 - 9:00 PM	0	0	0	0	6	6	0	0	0
9:00 - 10:00 PM	0	0	0	0	0	0	0	0	0
10:00 - 11:00 PM	0	0	0	0	0	0	0	0	0
11:00 - 12:00 AM	0	0	0	0	0	0	0	0	0
Total	188	188	376	12	12	24	65	65	130

Peak
Hour