

**CHAPTER 6.0 – MITIGATION SUMMARY
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EXHIBITS

N/A

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6.1 Introduction

The primary goals and objectives for the Proposed Project are as stated:

GOAL AND OBJECTIVE #1 - COMPLIANCE WITH ASSEMBLY BILL 939

- Meet the City and County objective to comply with Assembly Bill 939 (AB 939) by maximizing the capacities of existing landfills in the County through the use of waste disposal options.

GOAL AND OBJECTIVE #2 - REGIONAL NEED FOR PROPOSED PROJECT

- Accommodate future solid waste processing needs of the City of Irwindale, surrounding communities, and region-wide area acting as a service facilitator in compliance with AB 939.

6.2 Lead Agency

In accordance with the California Environmental Quality Act (CEQA), the City of Irwindale is the Lead Agency for preparation of this EIR and the incorporated Mitigation Monitoring and Reporting Program (MMRP) contained within this chapter, and is responsible for certifying its contents, and along with the Irwindale Community Redevelopment Agency, taking action to approve or deny approval of the Proposed Project. As the Lead Agency, the City is responsible for ensuring the mitigation measures are implemented.

6.3 Goals And Objectives Of Mitigation Measures

Mitigation measures are designed to avoid, minimize, rectify, reduce, eliminate or compensate for significant impacts caused by construction, operation or maintenance of a project. Mitigation measures developed for this EIR were selected to mitigate potentially significant adverse environmental impacts to a less than significant level. Mitigation measures included in the MMRP are presented by resource category (e.g., aesthetics, water quality & soils, noise, etc.).

6.4 Mitigation Monitoring And Reporting Program

This section lists all of the required mitigation measures, contained in **Chapters 3.2 through 3.10** of this Draft EIR, that are required to reduce potentially significant adverse impacts to less than significant levels. **Table 6-1 Mitigation Monitoring and Reporting Program** lists the required mitigation measures for the *Irwindale Materials Recovery Facility and Transfer Station Project* by resource area.

The MMRP provides a verification schedule for the mitigation measures and will be incorporated into the City's Conditions of Approval for this Proposed Project. An initialed box for the date of compliance will be monitored by a designated staff member and indicates the timing of such compliance [i.e., prior to building permit, prior to earthwork activities, etc] and fulfills the City's monitoring requirements with respect to Assemble Bill 3180 (Public Resources Code §21081.6).

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| REQUIRED MITIGATION MEASURE | STAFF MONITOR | TIMING OF COMPLIANCE | DATE OF COMPLIANCE |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------|--------------------|
| 1. The Applicant shall complete a City-approved landscape plan prior to any vegetation planting, removing, or installation of an irrigation system. (<i>Aesthetics MM1</i>) | City Planner/ Plan Check Engineer | Prior to development. | |
| 2. The Applicant shall provide and maintain City-approved perimeter landscaping improvements surrounding the Proposed Project site, including along Arrow Highway and Live Oak Avenue, for the duration of operational activities for the MRF/TS. (<i>Aesthetics MM2</i>) | City Planner/ Code Enforcement | Prior to development and on-going. | |
| 3. The Applicant shall provide a City-approved outdoor lighting plan. (<i>Aesthetics MM3</i>) | City Planner/ Police Department | Prior to development. | |
| 4. The Applicant shall complete operations plans that will indicate the requirements of CCR Title 14, Divisions 7, Chapter 3 [Minimum Standards for Solid Waste Handling and Disposal] will be implemented. (<i>Aesthetics MM4</i>) | City Planner/ City Engineer | Prior to development. | |

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| <p>5. Applicant shall ensure that contractors implement a fugitive dust control program pursuant to the provisions of SCAQMD Rules 402 and 403. This program shall include, but not limited to the following:</p> <ul style="list-style-type: none"> • Water or a stabilizing agent shall be applied to exposed surfaces in sufficient quantity to prevent generation of dust plumes. • Track-out shall not extend 25 feet or more from an active operation and track-out shall be removed at the conclusion of each workday. • A wheel washing system shall be installed and used to remove bulk material from tires and vehicle undercarriages before vehicles exit the project site. • All haul trucks hauling soil, sand, and other loose materials shall maintain at least six inches of freeboard in accordance with California Vehicle Code Section 23114. • All haul trucks hauling soil, sand, and other loose materials shall be covered (e.g., with tarps or other enclosures that would reduce fugitive dust emissions). • Traffic speeds on unpaved roads shall be limited to 15 miles per hour. • Operations on unpaved surfaces shall be suspended when winds exceed 25 miles per hour. • On-site stock piles shall be covered or watered at least twice per day. <p>(AQ/GHG/Odor/HRA MM 3.3-1a)</p> | <p>City Planner</p> | <p>Duration of construction activities.</p> | |

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| 6. Applicant shall ensure that construction equipment is properly tuned and maintained in accordance with manufacturer's specifications. <i>(AQ/GHG/Odor/HRA MM 3.3-1b)</i> | City Planner/ Code Enforcement/ Building Inspector | Duration of construction activities. | |
| 7. Construction shall be discontinued during second-stage smog alerts. <i>(AQ/GHG/Odor/HRA MM 3.3-1c)</i> | City Planner/ Code Enforcement/ Building Inspector | Duration of construction activities. | |
| 8. Electricity from power poles rather than temporary diesel- or gasoline-powered generators shall be used where available. <i>(AQ/GHG/Odor/HRA MM 3.3-1d)</i> | City Planner/ Code Enforcement/ Building Inspector | Duration of construction activities. | |
| 9. All construction vehicles shall be prohibited from idling in excess of five minutes, both on- and off-site. <i>(AQ/GHG/Odor/HRA MM 3.3-1e)</i> | City Planner/ Code Enforcement/ Building Inspector | Duration of construction activities. | |
| 10. Coatings and solvents used in the Proposed Project shall be consistent with applicable SCAQMD Rule 1113. <i>(AQ/GHG/Odor/HRA MM 3.3-1f)</i> | City Planner/ Building Inspector | Duration of application for architectural coatings and solvents. | |

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| 11. Simultaneous occurrence of construction phases 1A, 1B, and 1C shall be reduced or eliminated to the extent possible. <i>(AQ/GHG/Odor/HRA MM 3.3-1g)</i> | City Planner/ Code Enforcement/ Building Inspector | Duration of construction activities of Phases 1A-1C | |
| 12. Heavy-duty diesel trucks shall be properly tuned and maintained to manufacturers' specifications to ensure minimum emissions under normal operations. <i>(AQ/GHG/Odor/HRA MM 3.3-1h)</i> | City Planner/ Code Enforcement/ Building Inspector | Duration of construction activities. | |
| 13. Heavy equipment operations shall be suspended during first and second stage smog alerts. <i>(AQ/GHG/Odor/HRA MM 3.3-1i)</i> | City Planner/ Code Enforcement/ Building Inspector | Duration of construction activities. | |
| 14. The use of 2002 model or newer construction equipment shall be required, where feasible. <i>(AQ/GHG/Odor/HRA MM 3.3-1j)</i> | City Planner/ Code Enforcement/ Building Inspector | Duration of construction activities. | |
| 15. Older construction equipment shall be retrofitted with appropriate emission control devices prior to onsite use, where feasible. <i>(AQ/GHG/Odor/HRA MM 3.3-1k)</i> | City Planner/ Code Enforcement/ Building Inspector | Duration of construction activities. | |

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| 16. Applicant shall properly maintain ROG emission control devices within the gasoline dispensing station as pursuant to SCAQMD Rule 461. <i>(AQ/GHG/Odor/HRA MM 3.3-2a)</i> | City Planner/ Code Enforcement | Lifespan of the MRF/TS project at the gasoline dispensing station. | |
| 17. Heavy-duty diesel trucks shall be properly tuned and maintained to manufacturers' specifications to ensure minimum emissions under normal operations. <i>(AQ/GHG/Odor/HRA MM 3.3-2b)</i> | City Planner/ Code Enforcement | Lifespan of the MRF/TS project. | |
| 18. The use of 2002 model or newer facility trucks is required, where feasible. <i>(AQ/GHG/Odor/HRA MM 3.2-2c)</i> | City Planner/ Code Enforcement | Lifespan of the MRF/TS project. | |
| 19. Older facility trucks shall be retrofitted with appropriate emission control devices prior to onsite use, where feasible. <i>(AQ/GHG/Odor/HRA MM 3.2-2d)</i> | City Planner/ Code Enforcement | Lifespan of the MRF/TS project. | |
| 20. The use of alternative fueled facility trucks as pursuant to SCAQMD Rule 1193. <i>(AQ/GHG/Odor/HRA MM 3.2-2e)</i> | City Planner/ Code Enforcement | Lifespan of the MRF/TS project. | |

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| 21. All diesel truck operators shall strictly abide by the applicable State law requirements for idling, as described in the Airborne Toxic Control Measure (CCR, Title 13, Section 2485), which limits vehicles with gross vehicular weight ratings of more than 10,000 pounds to no more than five minutes of idling of the primary engine or the diesel-fueled auxiliary power system at any location. <i>(AQ/GHG/Odor/HRA MM 3.3-5a)</i> | City Planner/ Code Enforcement | Lifespan of the MRF/TS project. | |
| 22. All gasoline dispensing facilities shall meet the requirements of SCAQMD's Rule 461 to limit ROG emissions from gasoline dispensing facilities, including but not limited to using CARB-certified vapor recovery systems and spill boxes and periodic testing of the equipment. <i>(AQ/GHG/Odor/HRA MM 3.3-5b)</i> | City Planner/ Code Enforcement | Lifespan of the MRF/TS project. | |
| 23. Applicant shall minimize odors by properly maintaining design features and equipment designed to reduce and eliminate odors and pursuant to provisions of SCAQMD Rules 410. <i>(AQ/GHG/Odor/HRA MM 3.3-6a)</i> | City Planner/ Code Enforcement | Lifespan of the MRF/TS project. | |
| 24. The Applicant shall conduct a review of agency records to determine the current status of any regulatory cases associated with the site and/or adjacent, offsite properties. <i>(Water Quality and Soils MM1)</i> | City Planner/ City Engineer | Prior to issuance of grading permit. | |
| 25. The Applicant shall conduct a Phase II Investigation to assess historic features associated with the former on-site land uses. The Phase II activities shall include a geophysical survey, as well as soil gas sampling, and potentially soil sampling, if required under the initial investigations. <i>(Water Quality and Soils MM2)</i> | City Planner/ City Engineer | Prior to issuance of grading permit. | |

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| 26. The Applicant shall have the existing on-site roofing debris material analyzed for asbestos prior to disposal. (<i>Water Quality and Soils MM3</i>) | City Planner/ City Engineer | Prior to issuance of grading permit. | |
| 27. (The Applicant shall appropriately dispose of all trash and debris, including the existing above ground storage tank and any underground storage tanks according to applicable federal, State, and local laws and regulations. (<i>Water Quality and Soils MM4</i>)) | City Planner/ City Engineer | Prior to issuance of grading permit. | |
| 28. Prior to construction, the construction contractor shall obtain authorization from Irwindale’s building inspector to exceed the ambient base noise level by more than five (5) dBA at the property boundary for industrial zoned land use. (<i>Noise MM1</i>) | Building Inspector | Prior to construction. | |
| 29. The construction contractor shall limit all construction activities from 7 a.m. to 7 p.m. Monday through Saturday. (<i>Noise MM2</i>) | City Planner/ Code Enforcement | Duration of construction activities. | |
| 30. The construction contractor shall construct the masonry soundwall around the site perimeter as early as feasible to establish the means for noise reduction during subsequent construction and operations. (<i>Noise MM3</i>) | City Planner/ City Engineer | Duration of construction activities. | |
| 31. The construction contractor shall operate and maintain a City-approved haul truck traffic route along major traffic arteries. (<i>Noise MM4</i>) | City Engineer | Duration of construction activities. | |
| 32. The construction contractor shall provide construction equipment equipped, operated, and maintained with manufacturer recommended mufflers or the equivalent. (<i>Noise MM5</i>) | City Planner/ Code Enforcement | Duration of construction activities. | |

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| 33. The construction contractor shall post rules regarding turning-off construction equipment when not in operation. <i>(Noise MM6)</i> | City Planner/ Building Inspector/ Code Enforcement | Duration of construction activities. | |
| 34. For the southern property boundary along Live Oak Avenue (except for the driveway cutouts) and along the southwest property boundary (for approximately the first 450 feet of the property boundary north of Live Oak Avenue), the Applicant shall construct the 8-foot perimeter masonry soundwall on top of a two-foot berm so that the effective height of the soundwall would be 10 feet. <i>(Noise MM7)</i> | City Planner/ City Engineer | Initial Phase of construction. | |
| 35. The applicant shall modify nighttime operations (10 p.m. – 7 a.m.) that result in verified noise complaints to eliminate objectionable noise during the nighttime hours. Potential measure could include moving the operation further from nighttime sensitive receptors, moving the activity indoors during nighttime hours, or conducting the objectionable activity during daytime hours. <i>(Noise MM8)</i> | City Planner/ Code Enforcement | Lifespan of MRF/TS project. | |
| 36. Provide a cross street stop sign for the southbound approach at the right turn in/out only intersection of Driveway 1 at Live Oak Avenue. The curb design (for Driveway 1) should be modified to reinforce the use of this driveway as right turn out only access. The site plan should also be refined to provide the maximum acceleration lane (to the extent practical) starting at the property line. <i>(Traffic Generation and Circulation MMI)</i> | City Planner/ City Engineer | Initial Phase of construction. | |

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| 37. Provide a cross street stop sign for the southbound approach at the right turn in/out only intersection of Driveway 2 at Live Oak Avenue. <i>(Traffic Generation and Circulation MM2)</i> | City Planner/ City Engineer | Initial Phase of construction. | |

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| <p>38. Construct the following improvements for the intersection of Baldwin Park Boulevard / Driveway 3 at Live Oak Avenue:</p> <p><u>Northbound:</u></p> <ul style="list-style-type: none"> ○ Restripe northbound exclusive right turn lane to provide one shared through-right turn lane <p><u>Southbound:</u></p> <ul style="list-style-type: none"> ○ Construct exclusive left turn lane ○ Construct through lane ○ Construct exclusive right turn lane <p><u>Eastbound:</u></p> <ul style="list-style-type: none"> ○ Construct exclusive left turn lane with at least 375' of vehicle storage capacity. ○ Remove parking to provide third through lane. <p><u>Westbound:</u></p> <ul style="list-style-type: none"> ○ Construct 1st exclusive right turn lane with at least 100' of vehicle storage capacity (minimum length for one transfer truck). This length is expected to accommodate the 95th percentile queue. ○ Prohibit parking to provide third through lane. <p><i>(Traffic Generation and Circulation MM3)</i></p> | <p>City Planner/ City Engineer</p> | <p>Initial Phase of construction.</p> | |

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| 39. Construct right turn in only access for the intersection of Driveway 4 at Arrow Highway. <i>(Traffic Generation and Circulation MM4)</i> | City Planner/ City Engineer | Initial Phase of construction. | |
| 40. Provide a cross street stop sign for the northbound approach at the right turn out only intersection of Driveway 5 at Arrow Highway. <i>(Traffic Generation and Circulation MM5)</i> | City Planner/ City Engineer | Initial Phase of construction. | |
| 41. On-site traffic signing and striping should be implemented in conjunction with detailed construction plans for the Project site. <i>(Traffic Generation and Circulation MM6)</i> | City Planner/ City Engineer | Initial Phase of construction. | |
| 42. Sight distance at the Project driveways should be reviewed with respect to standard Caltrans and City of Irwindale sight distance standards at the time of preparation of final grading, landscape and street improvement plans. <i>(Traffic Generation and Circulation MM7)</i> | City Planner/ City Engineer | Initial Phase of construction. | |
| 43. The site plan must be modified to allow sufficient room for WB-50s to maneuver into the site. The curb radius for the northeast quadrant of this intersection must be approximately 40' for WB-50s to successfully maneuver into the site. <i>(Traffic Generation and Circulation MM8)</i> | City Planner/ City Engineer | Initial Phase of construction. | |
| 44. The Applicant will prove a City-approved truck routing plan for Project-related truck traffic limiting regional accessing the freeway system via the I-605 Freeway On and Off Ramps. <i>(Traffic Generation and Circulation MM9)</i> | City Planner / City Engineer | Prior to a grading permit. | |