

## 7.0 Mitigation Monitoring and Reporting Program

This section provides the Mitigation Monitoring and Reporting Program (MMRP) for the Project. The City of Paramount (City), as the California Environmental Quality Act (CEQA) Lead Agency, would have the responsibility of ensuring that implementation of required mitigation as identified in this Subsequent Environmental Impact Report (SEIR) occurs as intended if the Project (or an alternative) is approved. As the Applicant and Project proponent, World Energy would be responsible for implementing all applicable measures, including the adopted mitigation measures and conditions of Project approval, as well as conditions imposed in any permits or regulations administered by other responsible agencies.

The MMRP for the Project (or alternative) establishes the approach to implementing the mitigation measures identified in this SEIR. If the Project is approved and the MMRP described below is adopted by the City, a detailed Environmental Quality Assurance Program (EQAP) would be developed, as described in Section 7.2 below. The EQAP would describe compliance monitoring roles and responsibilities and would be the mechanism whereby the City would implement the MMRP.

Table 7.1 summarizes the Project impacts and mitigation measures. Table 7.2, along with the full text of the mitigation measures themselves (see Sections 4.1-4.11), are central elements of the MMRP. Monitoring of compliance with the specified mitigation measures would be implemented throughout construction and operations.

**Table 7.1 Summary of Project Impacts and Mitigation Measures**

Issue Area	Impact	Description	Class*	Mitigation Measures
Aesthetics	A.1	Scenic Vistas	III	
	A.2	Scenic Resources	III	
	A.3	Visual Character/Quality	III	
	A.4	Lighting	II	Light Shielding
Air Quality	<b>AQ.1</b>	<b>Construction</b>	<b>I</b>	Construction Management Program
	<b>AQ.2</b>	<b>Operations</b>	<b>I</b>	Newer Trucks NOx Reduction Program
	AQ.3	Toxics	III	
	AQ.4	Odors	III	
	AQ.5	Rules and Policies	II	Recordkeeping
Climate Change GHG	GHG.1	GHG Emissions	III	
	GHG.2	Plans	IV	
Hazardous Materials	HM.1	Routine Operations	III	
	HM.2	Upsets	III	
	<b>HM.3</b>	<b>Pipeline</b>	<b>I</b>	None
	HM.4	Schools	III	
	HM.5	Site Contamination	III	
	HM.6	Airports	III	
	HM.7	Emergency Response	III	
	HM.8	Wildland Fires	III	
Hydrology and Water Quality	WQ.1	Standards	III	
	WQ.2	Groundwater Supplies	III	
	WQ.3	Drainage Patterns	III	
	WQ.4	Pollutants	III	
	WQ.5	Control Plans	III	
Land Use and Planning	LU.1	Create Divisions	III	
	LU.2	Policy Conflict	III	

Issue Area	Impact	Description	Class*	Mitigation Measures
Noise and Vibration	N.1	Pipeline and Refinery Construction <i>Daytime construction not significant</i>	II	Daytime limits Noise Monitoring and Management Plan
	N.2	<b>Operations: Rail Connection</b> <i>Refinery operations not significant</i>	I	Noise Assessment Noise Monitoring and Management Plan Railroad Noise Reduction Measures
	N.3	Vibration	III	
	N.4	Airport Noise Conflicts	III	
Transportation and Circulation	T.1	Policy Conflicts	II	Lakewood Blvd. Restriping
	T.2	VMT	III	
	T.3	Traffic Hazards	II	Traffic Management Plan
	T.4	Emergency Access	III	
Tribal Cultural Resources	TC.1	Tribal Resources	II	Monitoring, Procedures
	TC.2	Tribal Resources Specifics	II	Monitoring, Procedures
	TC.3	Human Remains	II	Procedures
Utilities and Service Systems	US.1	New Resource	III	
	US.2	Water Supplies	III	
	US.3	Wastewater	III	
	US.4	Solid Waste	III	
	US.5	Solid Waste Regs	III	
Other	All	Ag, Bio, Energy, Geo, Mineral, Housing, Public Services, Recreation, Wildfire	III	

\* Class I = Significant and Unavoidable; Class II = Less than Significant with Mitigation; Class III = Less than Significant; Class IV = Beneficial.

## 7.1 Authority for the Mitigation Monitoring and Reporting Program

As the Lead Agency under the CEQA, the City of Paramount is required to adopt a program for monitoring and reporting on the implementation of mitigation measures if the Project or an alternative is approved. The MMRP would be used to ensure that the adopted mitigation measures are implemented as defined in this SEIR. This Lead Agency responsibility originates in Public Resources Code Section 21081.6(a) (Findings) and the CEQA Guidelines Sections 15091(d) (Findings) and 15097 (Mitigation Monitoring or Reporting).

## 7.2 Organization of the EQAP

If the Project (or an alternative) is approved, the City would compile the Final MMRP and include it in the agency decision documents, as adopted. The EQAP serves as a self-contained guide for implementing the MMRP throughout Project construction and operations. The EQAP shall be prepared according to procedures established by the City of Paramount Planning Department, paid for by the Applicant, and submitted for review and approval by the City Planning Department. The EQAP shall include the following:

- All conditions and mitigation measures imposed on this Project and the impacts they are mitigating separated by issue area;
- A plan for coordination and implementation of all measures and any additional plans and programs required therein;

- A description of all measures the Applicant will take to assure compliance, including field monitoring, data collection, management and coordination of all field personnel and feedback to field personnel and affected agencies;
- A contractor to carry out the EQAP shall be selected by the City Planning Division. The contractor(s) will be under contract and responsible to the City, with all costs to be funded by the Applicant. The EQAP contractor shall appoint at least one On-site Environmental Coordinator (OEC) responsible for overall monitoring, but shall employ as many qualified specialists as necessary, as determined by the Planning Department, to oversee specific mitigation areas. In addition, the OEC has the authority and ability to ensure compliance with all Project conditions and to stop work in an emergency; and
- Contractor feedback responsibilities shall include status reports (as specified in EQAP) to be prepared throughout the construction and operation of the Project. These shall include status of development, status of conditions, incidents of non-compliance and their results and any other pertinent or requested data.

The EQAP shall also provide for any appropriate procedures not specified in the conditions of approval to be carried out if they are necessary to avoid environmental impacts.

### **7.3 Mitigation Compliance Responsibility**

The responsibility for implementing adopted mitigation measures rests with the Applicant, unless otherwise specified in the measure, for the life of the Project. As Lead Agency under the CEQA, the City of Paramount is responsible for monitoring an approved project to ensure that required mitigation measures are implemented. The purpose of the MMRP is to document that the mitigation measures required by the City are implemented and that mitigated environmental impacts are reduced to the level identified in the SEIR.

When a mitigation measure requires that a study or plan be developed during the design or pre-construction phase of the Project, the Applicant must submit the final study or plan to the City for review and approval. Any study or plan that requires approval of the City must allow time for adequate review.

### **7.4 General Monitoring Procedures**

#### **7.4.1 Environmental Monitors and County Inspectors**

Various permit conditions of approval and plan requirements will require implementation (1) prior to the start of construction (such as Project final design review and plan development), and (2) during construction and operations. The City and its EQAP contractor are responsible for integrating the mitigation monitoring procedures into the construction and operation processes in coordination with the Applicant for City issued permits. To oversee the monitoring procedures and to ensure success, the assigned EQAP OEC(s) must be on-site during construction activity having the potential to create a significant environmental impact or other impact for which mitigation is required. Likewise, the EQAP OEC(s) and agency Inspectors will be on-site to ensure compliance with their respective authorities during construction and operations.

#### **7.4.2 Operations and Construction Personnel**

A key element in the success of mitigation and mitigation monitoring is the full cooperation of Project personnel and supervisors, during both construction and operations. Successful implementation of many

of the mitigation measures requires specific actions and behaviors on the part of the supervisors or crews working for the Applicant on the Project. To ensure success, the following actions would be taken:

- Specific procedures to be followed by construction and operations contractor companies engaged to do their respective work would be written into their contracts with the Applicant. Procedures to be followed by construction and operations personnel would be written into an agreement that all construction and operation personnel would be asked to sign, denoting consent to the procedures regardless if Applicant staff or contractor;
- A Worker Environmental Awareness Program would be conducted to inform and train construction and operations personnel about the requirements of the monitoring program (as detailed in the EQAP). The OEC(s) would verify that each crew member received the required training; and
- A written summary of mitigation monitoring procedures would be provided to construction and operations supervisors for all mitigation measures requiring their respective attention.

### 7.4.3 General Reporting Procedures

A checklist will be developed and maintained by the City EQAP contractor to track all mitigation measure requirements, including timing. The EQAP OEC(s) will note any problems that may occur and take appropriate action to rectify the problems. Consolidated reports will be prepared by the City EQAP OEC(s) documenting construction activities, compliance activities observed across issue areas, notification of compliance issues by the Applicant, any issues and their resolution, and photographs of relevant activities and conditions. These reports would be generated on an as needed basis based upon the activities that are occurring.

The Applicant is to provide the City with written reports of the Project, which shall include progress of construction, resulting impacts, mitigation implemented, and all other noteworthy elements of the Project. These reports would be generated on an as needed basis based upon the activities that are occurring and based upon the reporting schedule provided in the EQAP.

The public is allowed access to records and reports used to track the monitoring program. Monitoring records and reports will be made available for public inspection by the City or its designee on request.

## 7.5 Mitigation Monitoring and Reporting Program Table

The following table presents the monitoring and reporting program requirements for the mitigation measures identified in the environmental analysis section of this SEIR (see Section 4), by issue area.

**Table 7.2 Mitigation Monitoring and Reporting Program**

MM #	MM Title	Monitoring/ Reporting Action	Timing & Method of Verification	City Responsibility	Applicant Responsibilities
<b>Aesthetics and Visual Resources (Section 4.1)</b>					
A-4a	Light Shielding	Provide appropriate light shielding for any new lighting equipment.	Prior to and during construction and operation.	City review and approval. City monitors compliance.	Provide light shielding for new lighting equipment. Submit the plan for lighting to the Chief Building Official for review and approval prior to the issuance of permits.
<b>Air Quality (Section 4.2)</b>					
AQ-1a	Construction Management Program	Maintain a Construction Management Program for the Project that shall incorporate the mitigation measures and Best Management Practices AQ-1a-1 through AQ-1a-12.	During construction.	<u>City of Paramount and the City of Bellflower (as applicable for construction activities located within the City of Bellflower)</u> monitor compliance.	Maintain a Construction Management Program for the Project that shall incorporate the mitigation measures and Best Management Practices AQ-1a-1 through AQ-1a-12.
AQ-2a	Newer Trucks	The Applicant shall require that all contracts with trucking companies specify the required use of 2017 model year trucks or newer in order to reduce NOx emissions.	During operation.	City monitors compliance.	Require that all contracts with trucking companies specify the required use of 2017 model year trucks or newer in order to reduce NOx emissions.
AQ-2b	NOx Reduction Program	The Applicant shall provide the NOx Reduction Program Plan to reduce NOx emissions.	During construction and operation.	<u>City of Paramount, School District and the City of Bellflower review and approval. City of Paramount, School District and the City of Bellflower</u> monitor compliance.	Develop the plan and implement measures in the community to reduce regional and local emissions.
AQ-5a	Recordkeeping	Monitor and maintain records on fuel usage, Higher Heating Values, data on truck and rail trips, and other metrics required	During operation.	City and South Coast AQMD monitor compliance.	Monitor and maintain records on fuel usage, Higher Heating Values, data on truck and rail trips, and other metrics required to estimate

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MM #	MM Title	Monitoring/ Reporting Action	Timing & Method of Verification	City Responsibility	Applicant Responsibilities
		to estimate emissions on an annual basis.			emissions on an annual basis for at least three years.
<b>Hazardous Materials and Risk of Upset (Section 4.4)</b>					
HM-Cum1	Coordination with LA Metro	Coordinate with LA Metro on the Project and WSAB project construction prior to any permit issuance. <u>Provide communications and evidence of coordination with LA Metro</u> prior to any permit issuance.	Prior to and during construction.	City review and approval. City staff to monitor implementation.	Coordinate with LA Metro on the Project and WSAB project construction prior to any permit issuance. Obtain clearance from LA Metro prior to any permit issuance.
<b>Noise and Vibration (Section 4.7)</b>					
N-1a	Daytime Limits	Perform construction activities only during the daytime hours between the hours of 7:00 a.m. and 8:00 p.m..	During construction.	City monitors compliance.	Perform construction activities only between the hours of 7:00 a.m. and 8:00 p.m. Place signage with the restriction at the construction site.
N-1b	Noise Monitoring and Management Plan	Produce a Noise Monitoring and Management Plan for Project construction.	Prior to and during construction.	City review of the Noise Monitoring and Management Plan.  City monitors compliance.	Produce a Noise Monitoring and Management Plan for construction.
N-2a	Noise Assessment	Provide a detailed noise assessment.	Prior to <u>operations</u> .	City monitors compliance. <u>School District to also review noise assessment prior to permit issuance.</u>	Provide a detailed noise assessment indicating that Project operational noise will not exceed a 3 dBA increase at the areas to the north of the refinery.
N-2b	Noise Monitoring and Management Plan	Submit to the City a Noise Monitoring and Management Plan that outlines procedures for	Prior to <u>operations</u> .	City review and approval of the Noise Monitoring and Management Plan. <u>School District to also</u>	Submit to the City a Noise Monitoring and Management Plan prior to permit issuance. Conduct monitoring within

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MM #	MM Title	Monitoring/ Reporting Action	Timing & Method of Verification	City Responsibility	Applicant Responsibilities
		regular noise monitoring of refinery operations and procedures for minimizing noise to nearby residential areas.		<u>review noise monitoring plan prior to permit issuance.</u>  City review of noise monitoring results.	one month of operations commencing and report results to City.
N-2c	Railroad Noise Reduction Measures	Ensure implementation of limited train operations to daytime hours.	During operation.	City monitors compliance.	Work with railroad operator to implement limited train operations along the 1-mile connection.
<b>Transportation and Circulation (Section 4.8)</b>					
T-1a	Lakewood Blvd. Restriping	Provide funding and coordination to the cities of Paramount and Bellflower to restripe the Lakewood Blvd. southbound lane to have a dedicated right turn lane on to Somerset Blvd.	Prior to construction.	City of Paramount and City of Bellflower monitor compliance.	Provide funding and coordination to the cities of Paramount and Bellflower to restripe the Lakewood Blvd. southbound lane to have a dedicated right turn lane on to Somerset Blvd.
T-3a	Traffic Management Plan	Prepare and implement Construction and Operations Traffic Management Plan.	Prior to and during construction and operation.	City of Paramount and City of Bellflower monitor compliance.	Prepare and implement Construction and Operations Traffic Management Plan.
<b>Tribal Cultural Resources (Section 4.9)</b>					
TC-1a	Retain a Native American Monitor/Consultant	Retain an approved tribal monitor/ consultant, or qualified archaeologist if the tribal monitor is unavailable, on-site during ground disturbing construction to complete daily monitoring logs.	During construction.	City monitors compliance.	Retain and compensate for the services of a tribal monitor/consultant, or qualified archaeologist if the tribal monitor is unavailable, for the duration of ground disturbing construction activities.
TC-1b	Unanticipated Discovery of Tribal Cultural or	Cease work in the vicinity of the find until find is assessed by archaeologist and tribal monitor. Follow	During construction.	City monitors compliance.	Cease work in the vicinity of the find until find is assessed by archaeologist and tribal

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MM #	MM Title	Monitoring/ Reporting Action	Timing & Method of Verification	City Responsibility	Applicant Responsibilities
	Archaeological Resources Procedures	CEQA Guidelines Section 15064.5(f) if required.			monitor. Comply with any additional mitigation.
TC-3a	Unanticipated Discovery of Human Remains Procedures	Divert work. Notify the Tribe, the qualified lead archaeologist, the construction manager, and the County Coroner.	During construction.	City monitors compliance.	Divert work and establish exclusion zone around discovery location. Report to County Coroner. Follow PRC 5097.98 if required.



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