APPENDIX A

2021 MITIGATION MONITORING AND REPORTING PLAN

Attachments

Attachment A. Mitigation Monitoring and Reporting Program

Attachments

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Mitigation Measure		Implementation ScI	hedule		Verification	
Air Q	For each future project implemented within the TOD project area, the development shall identify project construction related emissions and specific best available control measures (BACMs) identified in Rule 403 required to ensure that fugitive dust or construction equipment exhaust emissions will not exceed SCAQMD construction thresholds of significance or emission concentrations at the nearest receptors identified by local significance thresholds. The specific BACMs identified shall be made conditions of approval to ensure implementation.	The construction emission report shall be submitted to the City and approved prior to approval of the project. The BACMs identified in the report shall be implemented as project conditions of approval during construction.		The construction emission report shall be submitted to the City and approved prior to approval of the project. The BACMs identified in the report shall be implemented as project conditions of approval during construction. The City shall revel findings submitted and document the (if any) to reduce emission to a less level. This report by the City and a approved report store the project file. The project file is the project file.		a less than significant eport shall be approved
		Source	Respons	ible Party	Status / Date / Initials	
		Initial Study	City of F	Placentia		

Mitigation Measure		Implementation Schedule		Verification	
,		This measure shall be included as a condition of approval and implemented during construction.		1 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	
		Source	Responsible Party		Status / Date / Initials
		Initial Study	City of Placentia		

Mitigation Measure		Implementation Schedule		Verification	
Air Q	Prior to approval of a specific development project within the new TOD project area, as part of the required air quality study, a health risk assessment (HRA) shall be provided to the City indicating what measures will need to be implemented to reduce exposure to any toxics to less than significant impact. Also, as part of the mitigation, the City shall require that a permanent funding source be identified to ensure that the mitigation systems are maintained and do not degrade to the point of being ineffective at controlling exposure to potential toxics to a less than significant exposure level.	This measure shall be submitted to the City and prior to approval of the final site plan.		include the	all review the findings and recommendations as part s of approval.
		Source	Respons	ible Party	Status / Date / Initials
		Initial Study	City of Placentia		

	Mitigation Measure	Implementation ScI	hedule		Verification
Cultu V-2	During ground disturbing activities (including but not limited to pavement removal, pot-holing, grading, excavation, trenching and initial well site disturbance) at least one Native American Monitor will be present at the project site to monitor subsurface areas as they are exposed. The monitors shall compile a monitoring log on a daily basis that will provide descriptions of daily activities, including construction activities, locations, soil characteristics and any cultural materials exposed and identified. The monitors shall photodocument the ground disturbing activities on a daily basis. If any cultural materials are exposed, the monitors shall have the authority to redirect construction activities until the extent and importance of the materials are assessed. Subsequent management of any Native American cultural materials shall be determined through consultation between the City, property owner and the Native American Band supplying the monitor. Any human remains encountered shall be handled through the County Coroner's office and if necessary, in conjunction with the Native American Heritage Commission and Native American Band supplying the monitor.	A Native American Monitor provided during ground disactivities beyond artificial based on the geotechnical Where applicable, the moscompile a monitoring log of basis that will provide desidaily activities.	sturbing fill materials Il report. nitors shall on a daily	retained in t	e monitoring log shall be he project file. of implementation shall be lid inspections by City ersonnel.
		Source	Respons	ible Party	Status / Date / Initials
		Initial Study	City of F	Placentia	

Mitigation Measure	Implementation Sc	hedule		Verification
Hazards and Hazardous Materials VIII-1 All spills or leakage of petroleum products or oth hazardous materials during construction activities will remediated in compliance with applicable state and loc regulations regarding cleanup and disposal of to contaminant released. The contaminated waste will collected and disposed of at an appropriately license disposal or treatment facility. This measure will incorporated into the SWPPP or erosion control plaprepared for site specific development within the projection.	These measures shall be identified in the project Stormwater Pollution Prevention Plan (SWPPP) and implemented during construction.		A copy of the SWPPP shall be retained in the project file. Verification of implementation shall be based on field inspections by City inspection personnel that verify the SWPPP BMPs have been implemented as required in this measure. Field notes documenting verification shall be retained in the project file.	
	Source	Responsible Party		Status / Date / Initials
	Initial Study	City of F	Placentia	

Mitigation Measure	Implementation Sch	nedule		Verification
VIII-2 Prior to approval of any project under the TOD designation, a Phase I and/or Phase II Environmental Site Assessment shall be prepared to document the potential for any residual contamination at a site being developed within the TOD area. Any identified residual contamination shall be remediated to a level that will permit residential use prior to approval of any project proposed under the TOD designation.	A copy of the ESA's shall be submitted to the City prior to approval. Proof of remediation to a level that will support the type of use proposed shall be submitted to the City prior to occupancy.		in the project implementat field inspecti personnel the recognized of have been rethis measure documenting	e ESA's shall be retained to file. Verification of ion shall be based on ions by City inspection at verify that any environmental conditions emediated as required in e. Field notes goverification shall be ne project file.
	Source	Responsible Party		Status / Date / Initials
	Initial Study	City of F	Placentia	

	Mitigation Measure	Implementation Sch	nedule		Verification
Hydro IX-1	Concurrent with individual project applications in the future, the applicant for a project in the TOD area shall submit a review of existing water consumption on the property, and a forecast of future water consumption by the proposed development. If water consumption by the new project is less than currently occurs on the property, no further action is required. If water consumption is forecast to increase by more 25% than current water demand or 5,000 gallons per day per acre, the project applicant shall fund sufficient water conservation measures within the project area (including the proposed project) to offset the increase in demand on the local water purveyor. Specific conservation measures that can by funded include, but are not limited to: use of recycled water for exterior landscaping, ultra low flush toilets; interior water fixtures that reduce water consumption, such as ondemand water heaters; replacement of existing high water demand landscaping with xeric landscaping; installation of smart landscape/irrigation management/control systems (such as drip systems); and use of onsite low water demand landscaping. To verify adequate water demand offset, the City shall consult with the local water purveyor and verify the adequacy of the offset.	A copy of the water use rebe provided to the City wit recommendations on the offsets. If required, the rewater consumption reduct measures shall be installe construction and impleme operations/occupancy.	ch need for commended ion ed during	report shall I file. If offset implemented verify and do	e approved water use pe retained in the project measures must be d, City inspectors shall pocument that they are d operational.
		Source	Respons	ible Party	Status / Date / Initials
		Initial Study	City of F	Placentia	

	Mitigation Measure	Implementation Sci	hedule		Verification
uses shall use noise reducing barriers and other devices to		This measure shall be included as a condition of approval and implemented during construction.		City inspectors shall verify and document that the noise attenuation measures are implemented during construction where required.	
		Source	Responsible Party		Status / Date / Initials
		Initial Study	City of Placentia		

	Mitigation Measure	Implementation ScI	hedule		Verification
PM through 7 AM, Monday through Saturday and at no time		This measure shall be included as a condition of approval and implemented during construction.		City inspectors shall verify and document that construction noise measures are implemented during construction.	
		Source	Responsible Party		Status / Date / Initials
		Initial Study	City of Placentia		

Mitigation Measure		Implementation Schedule		Verification	
Noise XII-5	Stationary construction equipment that generates noise above the 65 dB threshold at the nearest sensitive receptor shall be placed behind a temporary noise construction barrier while in use.	This measure shall be included as a condition of approval and implemented during construction.		document that construction noise	
		Source	Responsible Party		Status / Date / Initials
		Initial Study	City of F	Placentia	

Mitigation Measure		Implementation Sci	hedule		Verification
Noise	•				
XII-6	The project developer shall establish a noise complaint response program and shall respond to any noise complaints received for future specific project by measuring noise levels at the affected receptor site. If the noise level exceeds an CNEL of 60 dBA exterior or an CNEL of 45 dBA interior at the sensitive receptor, the applicant will implement adequate measures (which may include portable sound attenuation walls, use of quieter equipment, shift of construction schedule to avoid the presence of sensitive receptors, etc.) to reduce noise levels to the greatest extent feasible.	condition of approval and implemented during construction.		document th	ors shall verify and at construction noise re implemented during
		Source	Respons	ible Party	Status / Date / Initials
		Initial Study	City of F	Placentia	

Mitigation Measure		Implementation Schedule		Verification		
Noise XII-7	Project developer will require that all construction equipment be operated with mandated noise control equipment (mufflers or silencers). Enforcement will be accomplished by random field inspections by applicant personnel during construction activities.	condition of approval and implemented during construction.		condition of approval and document that construction measures are implemente		at construction noise re implemented during
		Source	Responsible Party		Status / Date / Initials	
		Initial Study	City of Placentia			

	Mitigation Measure	Implementation ScI	nedule		Verification
Noise XII-8		This measure shall be inc condition of approval and implemented during const		document th	ors shall verify and at construction noise re implemented during
		Source	Responsible Party		Status / Date / Initials
		Initial Study	City of F	Placentia	

	Mitigation Measure	Implementation Sci	hedule		Verification
Noise XII-9	Equipment shall be maintained and operated such that loads are secured from rattling or banging.	This measure shall be inc condition of approval and implemented during const		document th	ors shall verify and at construction noise re implemented during
		Source	Responsible Party		Status / Date / Initials
		Initial Study	City of F	Placentia	

Mitigation Measure	Implementation Schedule		Verification		
Noise XII-10 Where available, electric-powered equipment shall be used rather than diesel equipment and hydraulic-powered equipment shall be used instead of pneumatic power.	condition of approval and implemented during construction.		document th	City inspectors shall verify and document that construction noise measures are implemented during construction.	
	Source	Respons	ible Party	Status / Date / Initials	
	Initial Study	City of F	Placentia		

Mitigation Measure	Implementation Sci	hedule		Verification
Noise XII-11 Construction employees shall be trained in the proper operation and use of equipment consistent with these mitigation measures, including no unnecessary revving of equipment.	condition of approval and implemented during construction.		City inspectors shall verify and document that construction noise measures are implemented during construction.	
	Source	Responsible Party		Status / Date / Initials
	Initial Study	City of F	Placentia	

Mitigation Measure	Implementation Schedule		Verification		
Noise XII-12 No radios or other sound equipment shall be used at this site unless required for emergency response by the contractor.	condition of approval and implemented during construction.		document th	cy inspectors shall verify and cument that construction noise easures are implemented during instruction.	
	Source	Responsible Party		Status / Date / Initials	
	Initial Study	City of F	Placentia		

	Mitigation Measure	Implementation ScI	hedule		Verification
Noise XII-13	Public notice shall be given 10 days prior to initiating construction. This notice shall be provided to all property owners and residents within 300 feet of the project site and shall be provided to property owners/residents at least one week prior to initiating construction. The notice shall identify the dates of construction and the name and phone number of a construction supervisor (contact person) in case of complaints. One contact person shall be assigned to the project. The public notice shall encourage the adjacent residents to contact the supervisor in the case of a complaint. Resident's would be informed if there is a change in the construction schedule. The supervisor shall be available 24/7 throughout construction by mobile phone. If a complaint is received, the contact person shall take all feasible steps to remove or attenuate the sound source causing the complaint.	This measure shall be inc condition of approval and implemented during const		document th	ors shall verify and nat construction noise re implemented during
		Source	Respons	ible Party	Status / Date / Initials
		Initial Study	City of F	Placentia	

Mitigation Measure	Implementation Schedule	Verification
Transportation / Traffic		
XVI-1 Each future TOD project shall pay fair share fees for the intersection improvement costs at the time of entitlement based on the percentage of trips contributed at each intersection. A high level "order of magnitude" cost estimate is also provided in subsequent mitigation identified in the Traffic Impact Study. These are rough estimate costs for engineering and construction and will need to be refined during future preliminary engineering phase. The mitigation measures should be re-evaluated for any refinement of the Draft General Plan Update and/or additional development of the TOD project over and beyond 5,000 trips. All significantly impacted intersections require mitigation prior to Future Buildout. Mitigation for each intersection and estimated costs are listed below:	Fair share circulation system fees shall be paid when entitlements are issued, or prior to occupancy.	Fees imposed and paid shall be documented in the project file.
 Placentia/Crowther Avenue: Upgrade left turn signal phasing for all movements from permissive left turns to protected/permissive left turn phasing. Estimated Cost - \$100,000; 		
 Orangethrope Avenue/Placentia Avenue: Provide eastbound/westbound dual left-turn Lanes at Orangethorpe Avenue/Placentia Avenue. Estimated Cost - \$450,000; 		
 Orangethorpe Avenue/SR-57 Northbound Ramps: Restripe 		
 Northbound Off-Ramp middle lane as shared LeftTurn/Thru/Right-Turn Lane. Estimated Cost - \$50,000; 		
 Orangethorpe Avenue/SR-57 Northbound Ramps: The westbound right turn movement is expected to 		

CITY OF PLACENTIA 207-208 WEST CROWTHER AVENUE (PACKING HOUSE DISTRICT TOD PROJECT)

increase from 550 vehicles per hour (vph) to 800 vph during the PM period for year 2035. This movement should be closely monitored and may require additional improvements to reduce congestion and queuing. An additional improvement would be to modify the existing median on Orangethorpe Avenue to add an exclusive Westbound Right-Turn Lane. Estimated Cost - \$200,000;				
 Orangethorpe Avenue/Melrose Street: Provide an exclusive southbound right-turn lane without overlap signal phasing and northbound dual left-turn lanes at Orangethorpe Avenue/Melrose Street. Estimated Cost - \$100,000; 				
Kraemer Boulevard/Orangethorpe Avenue: Restripe Orangethrope Avenue to provide eastbound dual left-turn lanes. Add additional north/south thru lane (three lanes each) by restriping the northbound and southbound right turn lanes to thru lanes. Consider modifying the north/south leftturn movements from protected-only left-turn phasing to protected- permissive left-turn phasing. Restripe the southbound left-turn approach to provide a positive offset for better sight distance between the north/south left turn movements. Estimated Cost - \$100,000.				
	Source	Responsit	ble Party	Status / Date / Initials
	Initial Study	City of Pl	acentia	

MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Implementation Schedule		Verification	
Transportation / Traffic XVI-2 Truck access for the parcel on the southwest corner of Melrose Street and Crowther Avenue must be maintained to and from this site.	When applicable, this measure shall be included as a condition of approval and implemented during construction.		City inspectors shall verify and document that construction traffic measures are implemented during construction.	
	Source	Responsible Party		Status / Date / Initials
	Initial Study	City of F	Placentia	

Mitigation Measure	Implementation Schedule		Verification	
Transportation / Traffic XVI-3 Construction hours should be five days a week, and in accordance with the City of Placentia Municipal Code, limited to the hours of 7 AM and 7 PM on working days (Monday through Friday).	When applicable, this measure shall be included as a condition of approval and implemented during construction.		City inspectors shall verify and document that construction traffic measures are implemented during construction.	
	Source	Respons	ible Party	Status / Date / Initials
	Initial Study	City of F	Placentia	

Mitigation Measure	Implementation Schedule		Verification	
Transportation / Traffic XVI-4 Construction truck and worker automobile traffic will utilize the proposed driveways along Melrose Street and Crowther Avenue for access to and from the project site.	When applicable, this measure shall be included as a condition of approval and implemented during construction.		City inspectors shall verify and document that construction traffic measures are implemented during construction.	
	Source	Responsible Party		Status / Date / Initials
	Initial Study	City of F	Placentia	

Mitigation Measure	Implementation Schedule		Verification	
Transportation / Traffic XVI-5 Trucks transporting materials to and from the project site must utilize the designated truck routes along Placentia Avenue, Crowther Avenue, Melrose Street, and Orangethorpe Avenue.	When applicable, this measure shall be included as a condition of approval and implemented during construction.		City inspectors shall verify and document that construction traffic measures are implemented during construction.	
	Source	Responsible Party		Status / Date / Initials
	Initial Study	City of F	Placentia	

Mitigation Measure	Implementation Schedule		Verification	
Transportation / Traffic XVI-6 Trucks entering or exiting the construction site will need to yield to public traffic at all times.	When applicable, this measure shall be included as a condition of approval and implemented during construction.		e included as a condition of approval document that const	
	Source	Responsible Party		Status / Date / Initials
	Initial Study	City of Placentia		

Mitigation Measure	Implementation Schedule		Verification			
It is unlikely that street traffic will be impacted by on-site construction activities; however, should it be necessary for temporary lane closures and/or detour routes for utility work or other such work in the public right-of-way those temporary traffic control activities are to be conducted in compliance with the requirements and guidelines outlined in the California Manual of Uniform Traffic Control Devices (MUTCD).	be included as a condition of approval and implemented during construction.		d it be necessary for routes for utility work right-of-way those to be conducted in guidelines outlined in		document th	ors shall verify and at construction traffic re implemented during
	Source	Responsible Party		Status / Date / Initials		
	Initial Study	City of F	Placentia			

Mitigation Measure	Implementation Schedule		Verification	
Transportation / Traffic XVI-8 Construction staging should be conducted on-site and under no circumstances will be allowed on local or residential streets.	be included as a condition of approval		of approval document that construction tra	
	Source	Responsible Party		Status / Date / Initials
	Initial Study	City of Placentia		

Mitigation Measure	Implementation Schedule		Verification	
Transportation / Traffic				
XVI-9 Construction work within the public right-of-way needs to be in compliance with City standards and the construction site shall be posted with the name, company and a phone number of a person to call for complaints.	When applicable, this measure shall be included as a condition of approval and implemented during construction.		City inspectors shall verify and document that construction traffic measures are implemented during construction.	
	Source	Responsible Party		Status / Date / Initials
	Initial Study	City of Placentia		

Mitigation Measure	Implementation Schedule		Verification	
Transportation / Traffic XVI-10 The applicant will be fully responsible for the repair of damages to any public facility due to the hauling or transporting of construction related materials.	be included as a condition of approval and implemented during construction.		proval document that construction traffic	
	Source	Responsible Party		Status / Date / Initials
	Initial Study	City of Placentia		

Mitigation Measure	Implementation Schedule		Verification	
Transportation / Traffic XVI-11 Parking for the construction trucks and worker trucks will be on-site, away from the adjacent public roadways and existing active businesses.	be included as a condition of approval and implemented during construction.		City inspectors shall verify and document that construction traffic measures are implemented during construction.	
	Source	Responsible Party		Status / Date / Initials
	Initial Study	City of Placentia		

Mitigation Measure	Implementation Schedule		Verification	
Transportation / Traffic XVI-12 The City shall coordinate with OCTA to ensure that one or more bus routes to the future Placentia Metrolink Station will serve the TOD project area.	be included as a condition of approval		a condition of approval document that constru	
	Source	Responsible Party		Status / Date / Initials
	Initial Study	City of Placentia		

Mitigation Measure	Implementation Schedule		Verification	
VIII-2 Future projects implemented under the TOD district shall submit a detailed evaluation of stormwater drainage from the new project relative to the existing development. If the future project will generate stormwater runoff that exceeds the existing volume or time of accumulation, onsite stormwater detention shall be installed as part of the site development of offset any increase that would exceed the capacity of the existing stormwater collection and transport systems. In no instance shall a project be approved that would cause significant environmental effects on either the existing drainage system, unless the system incremental stormwater increase is detained onsite or the drainage system altered to accommodate any change.	A copy of the stormwater generation report shall be provided to the City with recommendations on the need for offsets. If required, the recommended water consumption reduction measures shall be installed during construction and implemented during operations/occupancy.		generation r the project fi must be imp shall verify a	e approved stormwater eport shall be retained in le. If offset measures lemented, City inspectors and document that they and operational.
	Source	Respons	ible Party	Status / Date / Initials
	Initial Study	City of Placentia		

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