

INDIVIDUAL NOISE ASSESSMENT REPORT

Site Name/Facility:	Nestor Creek Channel
Master Program Map No.:	134
Date:	June 9, 2017
Acoustician Name:	Charles Terry

Instructions: This form must be completed in its entirety for each target facility identified in the Annual Maintenance Needs Assessment report when the potential exists for sensitive wildlife to occur within 750 feet of a proposed maintenance activity. If no sensitive species are expected within 750 feet of maintenance, only the first two rows under the Existing Conditions section must be completed. Attach additional sheets as needed.

EXISTING CONDITIONS

Project Location and Description

Reach 1 of Nestor Creek (Map 134), within the Egger Highlands neighborhood of the Otay Mesa-Nestor Community Plan Area, runs north from Palm Avenue between the parking lots for a Super 8 Motel and an auto repair shop, then turns westward along the northern edge of businesses fronting Palm Avenue. It is bordered by development along all of its length. The channel includes approximately 565 feet of rectangular, concrete-lined channel with width of 28 feet and a depth of 8-9 feet. The maintenance area also includes approximately 65 feet of the earthen channel at the west end. The earthen portion is 15 to 22 feet wide at the bottom, 28 feet wide at the top, and 8-9 feet deep. This area borders development to the south and undeveloped lands to the north.

Proposed Maintenance

Maintenance in Map 134 is expected to remove up to 800 cubic yards of material in order to restore the original capacity of the channel to convey storm water. Equipment involved in the maintenance will include a front-end loader, track steer, excavator, and dump truck. Diversion pumps will be placed at the upstream and downstream ends of the maintenance area. Water will be pumped around the maintenance area in a pipe and discharged downstream of the maintenance area.

The front-end loader and track steer will access the channel from an existing earthen embankment from Cedar Street. The front-end loader and track steer will push material to the excavator operating along the north side of the channel. The excavator will transfer the material to dump trucks for disposal at an authorized disposal site.

Survey Methods and Date:

Potential occurrence of special-status species within the project site was performed for the Individual Biological Assessment (IBA) and was determined by a habitat suitability assessment, a review of records from the California Natural Diversity Database (CNDDB), species occurrence data from the U.S. Fish and Wildlife Service (USFWS) Carlsbad Office's Listing of Multiple Species Database, and the California Native Plant Society rare plant online inventory. Upon completion of the original research, HELIX conducted an initial biological survey and site assessment of the Map 134 segment (Reach 1) of Nestor Creek Channel on September 15, 2016.

Are there sensitive wildlife species within 750 feet of proposed maintenance?

Yes ☐ No ☒

If not, no further assessment of noise impacts from maintenance is required.

If yes, the rest of this form must be completed.

As described in the IBA, no sensitive bird species are expected to occur within 750 feet (INA requirement) or 500 feet (PEIR MMRP Condition 4.1.3) of the proposed maintenance. Thus, no further noise assessment was performed.

MAINTENANCE IMPACTS

N/A

MITIGATION

N/A

ADDITIONAL COMMENTS OR RECOMMENDATIONS

N/A