

INDIVIDUAL NOISE ASSESSMENT REPORT

Site Name/Facility:	San Carlos Channel
Master Program Map No.:	54
Date:	May 15, 2018
Acoustician Name:	Charles Terry, HELIX Environmental Planning, Inc.

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

The site of the emergency maintenance is characterized by three sections of a concrete-lined storm water channel. The first section, the Beaver Lake section, is 7 foot wide by 950 foot long, and occurs east of Cowles Mountain Boulevard, south of Beaver Lake Drive, north of Lake Cayuga Drive, and west of Lake Badin Avenue. The second section, the Golf Course section, is 1 foot wide by 180 foot long and occurs west of Cowles Mountain Boulevard inside the San Carlos Golf Course. The third section, the Lake Badin section, is 8-foot-wide and 1,050-foot-long, and occurs east of Lake Badin Avenue.

The emergency maintenance was performed in two phases. The first phase was required to remediate flooding caused by a clog in the culvert beneath Cowles Mountain Boulevard. The clog was formed by vegetation within the Beaver Lake section becoming dislodged by a high rainfall event, and accumulating at the entrance to the culvert. The second phase was conducted to remove remaining vegetation within the channel further upstream of the Cowles Mountain Boulevard channel to prevent a re-occurrence of a clog.

first phase began on November 1, 2014 within the Beaver Lake and Golf Course sections, and was completed on November 8, 2014. The initial work to clear the culvert was conducted with a Gradall and backhoe from the area above the culvert entrance. In addition, vegetation and sediment were removed for a distance of approximately 180 feet within a concrete channel downstream of the culvert. In order to preclude a similar problem from occurring in the future, vegetation was cut and removed by hand from the sloped sections along the entire length of the Beaver Lake section of the channel. The excavated material was taken to an approved disposal site. Approximately 158 tons of material was removed from the channel.

In order to further protect against a problem at the Cowles Mountain Boulevard culvert, vegetation and sediment within the channel east of Lake Badin Avenue was removed on December 1, 2014. Removal was performed with hand tools, and less than one truck-full of material was removed and hauled to the Miramar Landfill.

Survey Methods and Date:

According to the biologist responsible for completing the Biological Memorandum, no sensitive bird species were observed or detected within 750 feet of the maintenance activity. Based on the fact that 750 feet is established as criteria to determine when a noise assessment should be conducted (see above), no noise assessment was performed. Furthermore, it was determined that there was not a moderate or high potential for listed animal species to be impacted or to occur in or adjacent to the impact area.

Appendix F

<p>Are there sensitive wildlife species within 750 feet of proposed maintenance?</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>If not, no further assessment of noise impacts from maintenance is required. If yes, the rest of this form must be completed.</p>
MAINTENANCE IMPACTS
N/A
MITIGATION
N/A
ADDITIONAL COMMENTS OR RECOMMENDATIONS