



CITY OF LAGUNA NIGUEL

30111 Crown Valley Parkway
Laguna Niguel, California 92677
Phone (949) 362-4300 | Fax (949) 362-4340

GRADING PLAN/HYDROLOGY REPORT/WQMP REVIEW SHEET

Reviewed by:
Alan Palermo, PE
GMU GEOTECHNICAL, INC.

Project Address: The Cove, Tract 17721
Project No. SP16-04
Plan Review #1
Date: June 17, 2021

ACTION:

- RECOMMENDED APPROVAL OF DOCUMENT(S) SUBMITTED
- CONDITIONAL APPROVAL OF DOCUMENT(S) SUBMITTED – *See COMMENTS.*
- REQUEST ADDITIONAL DATA FOR REVIEW

HYDROLOGY STUDY:

1. General Comments:
 - a. See comments in the report
 - b. For future reviews - Key information in the calculations should be highlighted/underline/boxed so that it clearly stands out for reviewing with information in the report
 - c. Organizing output to summarize results will expedite future reviews.
 - d. Pipeline sizes used in the analysis do not match the existing or proposed pipeline sizes for this project. Using the correct pipeline sizes may alter the analysis. Changes likely to minor and can be addressed when compiling the final report.
 - e. Several new Pipelines have velocity beyond industry acceptable criteria. How are these high velocity pipelines being protected against the high velocities? Will need to be addressed in Final Report and plans.

WQMP:

1. General Comments:
 - a. See comments in the report and on the Comment Summary Submitted (Blue boxes/text)
 - b. Several comments were not completely addressed in the updated report, specifically Ref #72, WQMP 7; Ref #101, Comm # Sec. 3-Page 4. See comments in report.
 - c. Overall, the WQMP appears to be in order, some questions noted above and in the report.



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Recommendations:

Both reports are technically complete for the Preliminary Submittal. Remaining comments/changes can be addressed in the final reports submitted during the construction document review phase.