

*Southern California Edison*  
**MESA PTC A.15-03-003**

**DATA REQUEST SET A.15-03-003 ED-SCE-01 Follow Up**

**To:** ENERGY DIVISION  
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**Dated:** 07/08/2015

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**Question 08-01:**

**Trenchless Techniques**

Reference: PEA, 3.0 Project Description, Section 3.7

The proposed jacking or receiving pit on the north side of Potrero Grande Dr. would be in the proximity of a medical care facility (Care1st Health Plan 601 Potrero Grande Drive). In addition, the proposed jacking or receiving pit on south side of Potrero Grande Dr. would be in the proximity of the closest residential receptor identified in Response to Question #43 (527 Potrero Grande Drive) and the Best Western Markland Hotel. Provide the anticipated duration for the jack-and-bore activities, the estimated levels of noise and vibration, and the estimated air pollutant emissions associated with trenchless construction (jack-and-bore and HDD activities). Describe any applicant proposed measures to reduce potential impacts on nearest sensitive receptors. Clarify if any of the activities associated with trenchless construction would occur during evening hours.

**Response to Question 08-01:**

For the MWD pipeline relocation work, the jack-and-bore activities as a whole are estimated to be approximately eight to ten weeks in duration. The initial two weeks would consist of excavating and stabilizing the two pits and staging the jacking equipment. The middle four to six weeks would be used to install the new piping. The last two weeks would consist of extracting the jacking equipment, finalizing all piping connections and filling in the pits.

For the subtransmission HDD work, the activities as a whole are estimated to be approximately ten to twelve weeks in duration. (This work would most likely not be performed concurrently with the MWD pipeline work, but would follow shortly afterwards, due to their proximity to each other.) The initial two weeks would consist of staging the HDD equipment at either end of the work, including the drilling mud recovery system. The middle six to eight weeks would be used to install the casings required for the ductbanks. The last two weeks would consist of removing the HDD equipment, splicing connections to other ductbanks, and filling in the pits.

An updated analysis of noise and vibration levels, as well as updated air pollutant emissions, associated with both trenchless construction activities is being prepared and will be available to submit to the CPUC on or before July 31, 2015. This analysis will include a description of any applicant proposed measures, if any, that can be implemented to reduce potential impacts on

nearest sensitive receptors.

The jack-and-bore operation would likely operate on a “5-10” or “6-10” schedule, meaning that they would operate 10 hours per day for either five (Monday-Friday) or six (Monday-Saturday) days per week. Typical working hours would be from one hour after dawn to one hour before dusk, though there may be limited instances where work may extend past dusk.

(Note: The Care 1<sup>st</sup> Health Plan facility serves solely as an insurance billing office. Because there are no actual medical services provided from that building, it should not be considered as a “medical care facility” for the purposes of this evaluation.)