



August 20, 2020

ADDENDUM NO. 5 TO SPECIFICATION NO. 1414W
Wells 65, 66, & 204 Drilling & Testing

This addendum to the specifications is for the purpose of adding, clarifying, or deleting certain information to the construction drawings and project specifications as follows:

SECTION H

ADD Table 1 EMWD Local Limits Applicable to Permitted Users (attached) to Section H Special Agreement for Discharge of Development and Testing Water to Sewer application.

APPENDICES.

ADD Appendix I – Feasibility Study Report of Soils and Foundation Evaluations

ADD Appendix J – City of Moreno Valley Approved Precise Grading Plans

QUESTIONS & ANSWERS

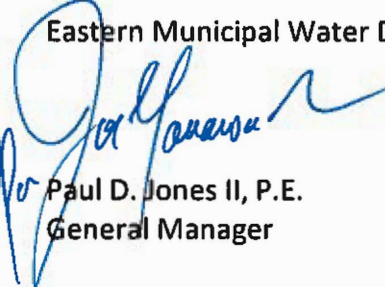
Layne Granite Company

- Q1. Confirm the site for the 1MM gallon tank is already graded and leveled.
- A1. In accordance with the requirements to install the 1MG tank as stated in the specifications by Rain for Rent, the site has not been graded. However, the site contours have been graded for development, see attached Report (May 24, 2018) (**Appendix I**) and approved precise grading plans (**Appendix J**). Contractor shall make all necessary site civil changes in accordance with the rental tank manufacturer prior to installation.
- Q2. To what percent compaction is it graded to currently?
- A2. Based on the above referenced document in A1, the site was compacted to 90%. The Contractor shall conform to all compaction requirements for the installation of the 1MG tank regardless of existing/current site compaction.

- Q3. To what percentage was is leveled?
- A3. Based on the attached precise grading plans approved by the City, a 1.7 % slope graded towards the storm drain on the south (see page 13 of the plans).
- Q4. The pad under the tank has to be flat and everything outside tank to less than ¼ of 1% of fall (pretty flat) – when this is built up, will it need to be bladed down to match slope of pad as it was prior to starting project?
- A4. The ground pad associated with the 1MG tank shall be hauled off-site by the Contractor. Blading of the Well 66 site is not required to match the slope of the pad after demobilization of the tank. Additional site grading will be performed as part of the well equipping phase.
- Q5. What reclamation of the 1MM gallon tank site is required after the demobilization of the tank?
- A5. I believe the question is inquiring about site restoration after demobilization of the tank. If the soil cuttings are non-hazardous, the soil cuttings will be spread onsite. No special restoration will need to occur other than potentially spreading cuttings, gravel, sand onsite. Contractor shall be responsible for BMPs during the spreading and after all spreading so that future erosion or run-off is contained accordingly.
- Q6. {from add. #3: Prior to discharge, all water produced from the site shall be clarified and treated as needed to meet the applicable requirements of the District’s Special Agreement for Discharge to the Sewer (Section H – Permits)}. Several references are made to the District’s Special Agreement for Discharge to the Sewer but I cannot find this in section H, please point out its location or provide the agreement.
- A6. The District’s Special Agreement for Discharge to sewer is attached. Table 1 summarizes the only constituents that are regulated and the associated limits. The other constituents of concern (VOCs, SVOCs, PFAS (PFOA/PFOS), and perchlorate) shall be sampled in order to inform the reclamation facility of the concentrations of these constituents in the receiving waters.

- Q7. If the agreement contains limitations of VOCs, SVOCs, PFOS, PFOA and/or perchlorate, and if any are exceeded prior to discharge, does the contractor need to anticipate onsite treatment and/or haul-off disposal of hazardous fluid?
- A7. The District's Special Agreement for Discharge to the sewer, Table 1, does not specify discharge limits for the above constituents of concern. Sampling for these additional constituents (VOCs, SVOCs, PFAS (PFOA/PFOS), and perchlorate) is intended to inform the reclamation facility of the anticipated concentrations to expect in the receiving waters. Onsite treatment is not required for the additional constituents.
- Q8. Will the District accept responsibility for the disposal of the liner for the 1MM gallon tank or does the contractor need to anticipate potentially hazardous disposal of the liner?
- A8. The Contractor shall be responsible for the disposal of the ground pad and liner. If soil cuttings are hazardous, dispose of liner as hazardous. If the soil cuttings are non-hazardous, dispose the liner as non-hazardous.
- Q9. Will the District extend the bid date by one week? To obtain Grading & other new bids
- A9. Bid opening date has been extended to Tuesday, September 1, 2020 as indicated in Addendum No. 4.
- Q10. Will the District extend the contract time of completion by an additional 30 days to accommodate the additional time required to set up the tank site, tank, discharge systems, and reclamation as needed?
- A10. The project duration shall stay at 330 days.
- Q11. The Tank provider has stated "The Tank should never be emptied below 12" of depth unless it is to be removed or relocated" with that statement, the capacity to start the constant rate test is 900,000 (91,980 original gallons put in after liner is installed) – this would not allow us to perform the test for 48 hrs. – it would have to be performed for 44 hrs. max.(897,600 Gallons) - Will this 48 hr. requirement be changed?
- A11. The 1MG tank and associated settling tanks should have sufficient capacity to store the volume during the constant rate test, while discharging at 600 gpm to the sewer. The discharge volume for the constant rate test was based on a flow rate of 940 gpm, which is very conservative. Flow rates may be closer to 700-800 gpm for the constant rate test. Please provide a bid for a 48-hour constant rate test. Determination on the constant rate test duration will be based on actual in field conditions. It should be noted, as discussed during the Addendum #3 Virtual Meeting, that the District is amenable to other options to store water during the constant rate test. The District will consider alternative recommendations should the Contractor provide alternate means.

Eastern Municipal Water District



Paul D. Jones II, P.E.
General Manager

PE: MW
PM: PS
DFE: BM
DE: SO

PDJ:MW:ae

ATTACHMENTS: Section H Table 1 EMWD Local Limits Applicable to Permitted Users
Appendix I – Feasibility Study Report of Soils and Foundation Evaluations
Appendix J – City of Moreno Valley Approved Precise Grading Plans