# INFORME TECNICO Y AVANCE DE CONSTRUCCION

## CONTRATO NO. 005-2023

## CONSTRUCCIÓN DEL COLECTOR NO. 8 DE AGUAS COMBINADAS DEL SECTOR EL ROBLE DEL PLAN MAESTRO DE ACUEDUCTO Y ALCANTARILLADO, DEL ÁREA URBANA DEL MUNICIPIO DE GUATAPÉ.

## RESUMEN DE CANTIDADES

# 1. RESUMEN DE CANTIDADES EJECUTADAS

| LONGITUD DE TUBERIA | | | | |
|---|---|---|---|---|
| TRAMO | | LONGITUD (m) | | |
| CR90 | CR89 | 71.97 | 18" | 196.32 |
| CR89 | CR88 | 49.54 | | |
| CR88 | CR87 | 44.46 | | |
| CR87 | CR86 | 30.35 | | |
| CR86 | CR85 | 49.87 | 12" | 108.08 |
| CR85 | CR84 | 58.21 | | |
| TOTAL (m) | | 304.40 | | |

| ENTIBADO PROVISIONAL | | | | | | |
|---|---|---|---|---|---|---|
| TRAMO | | LONGITUD (m) | PROF. INICIAL (m) | PROF. FINAL (m) | PROF. PROMEDIO (m) | ÁREA (m2) |
| CR90 | CR89 | 71.97 | 1.88 | 1.88 | 1.88 | 189.44 |
| CR89 | CR88 | 50.64 | 1.88 | 1.88 | 1.88 | 133.28 |
| CR88 | CR87 | 45.58 | 1.88 | 2.48 | 2.18 | 139.11 |
| CR87 | CR86 | 31.53 | 2.48 | 3.58 | 3.03 | 133.75 |
| CR86 | CR85 | 51.07 | 3.58 | 5.18 | 4.38 | 313.16 |
| CR85 | CR84 | 59.41 | 5.18 | 4.67 | 4.925 | 409.63 |
| TOTAL (m3) | | | | | | 1318.37 |

| VOLUMEN DE EXCAVACIÓN CON MÁQUINA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TRAMO | | LONGITUD (m) | ANCHO (m) | PROF. (m) | PROF. PROMEDIO (m) | ÁREA (m2) | VOLUMEN (m3) | ENTRE 0m a 2m | ENTRE 2m a 4m | > 4m |
| CR90 | CR89 | 73.18 | 1.05 | 1.88 | 1.88 | 1.97 | 144.46 | 144.46 | 0.00 | 0 |
| CR89 | CR88 | 50.64 | 1.05 | 1.88 | 1.88 | 1.97 | 99.96 | 99.96 | 0.00 | 0 |
| CR88 | CR87 | 45.58 | 1.05 | 2.48 | 2.18 | 2.29 | 104.33 | 95.72 | 8.61 | 0 |
| CR87 | CR86 | 31.53 | 1.05 | 3.58 | 3.03 | 3.18 | 100.31 | 66.21 | 34.10 | 0 |
| CR86 | CR85 | 51.07 | 0.915 | 5.18 | 4.38 | 4.01 | 204.67 | 93.46 | 93.46 | 17.75704 |
| CR85 | CR84 | 59.41 | 0.915 | 4.67 | 4.925 | 4.51 | 267.72 | 108.72 | 108.72 | 50.28314 |
| TOTAL (m3) | | | | | | | 921.46 | 608.53 | 244.89 | 68.04 |



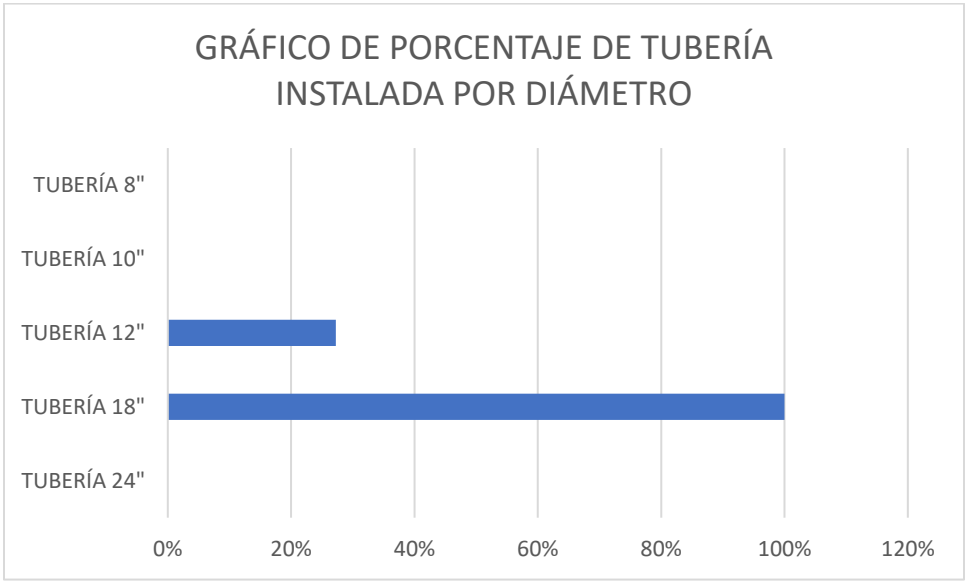

| VOLUMEN DE RELLENO CON TRITURADO | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| TRAMO | | LONGITUD (m) | ANCHO (m) | PROF. (m) | ÁREA TRANS. BRUTA (m2) | ÁREA TRANS. TUBO (m2) | ÁREA TRANS. NETA (m2) | VOLUMEN (m3) |
| CR90 | CR89 | 71.97 | 1.05 | 0.375 | 0.39 | 0.08 | 0.31 | 22.62 |
| CR89 | CR88 | 49.54 | 1.05 | 0.375 | 0.39 | 0.08 | 0.31 | 15.57 |
| CR88 | CR87 | 44.46 | 1.05 | 0.375 | 0.39 | 0.08 | 0.31 | 13.97 |
| CR87 | CR86 | 30.35 | 1.05 | 0.375 | 0.39 | 0.08 | 0.31 | 9.54 |
| CR86 | CR85 | 49.87 | 0.915 | 0.3075 | 0.28 | 0.04 | 0.24 | 12.09 |
| CR85 | CR84 | 58.21 | 0.915 | 0.3075 | 0.28 | 0.04 | 0.24 | 14.11 |
| TOTAL (m3) | | | | | | | | 87.89 |

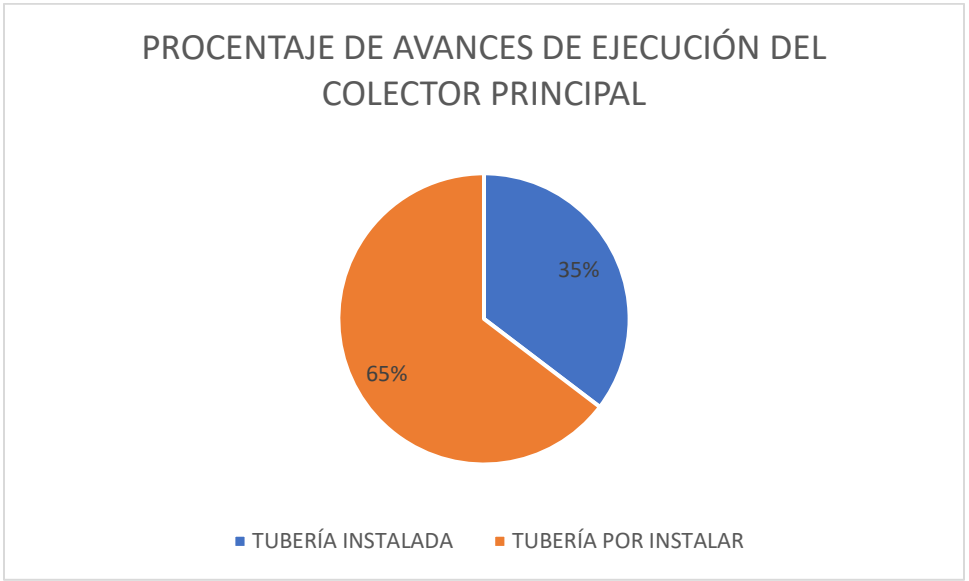
| VOLUMEN DE RELLENO CON ARENILLA | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| TRAMO | | LONGITUD (m) | ANCHO (m) | PROF. (m) | ÁREA TRANS. BRUTA (m2) | ÁREA TRANS. TUBO (m2) | ÁREA TRANS. NETA (m2) | VOLUMEN (m3) |
| CR90 | CR89 | 71.97 | 1.05 | 0.375 | 0.39 | 0.08 | 0.31 | 22.62 |
| CR89 | CR88 | 49.54 | 1.05 | 0.375 | 0.39 | 0.08 | 0.31 | 15.57 |
| CR88 | CR87 | 44.46 | 1.05 | 0.375 | 0.39 | 0.08 | 0.31 | 13.97 |
| CR87 | CR86 | 30.35 | 1.05 | 0.375 | 0.39 | 0.08 | 0.31 | 9.54 |
| CR86 | CR85 | 49.87 | 0.915 | 0.3075 | 0.28 | 0.04 | 0.24 | 12.09 |
| CR85 | CR84 | 58.21 | 0.915 | 0.3075 | 0.28 | 0.04 | 0.24 | 14.11 |
| TOTAL (m3) | | | | | | | | 87.89 |

| VOLUMEN DE RELLENO CON BASE | | | | | |
|---|---|---|---|---|---|
| TRAMO | | LONGITUD (m) | ANCHO (m) | PROF. (m) | VOLUMEN (m3) |
| CR90 | CR89 | 73.18 | 1.05 | 0.35 | 26.89 |
| CR89 | CR88 | 50.64 | 1.05 | 0.35 | 18.61 |
| CR88 | CR87 | 45.58 | 1.05 | 0.35 | 16.75 |
| CR87 | CR86 | 31.53 | 1.05 | 0.35 | 11.59 |
| CR86 | CR85 | 51.07 | 0.915 | 0.35 | 16.36 |
| CR85 | CR84 | 59.41 | 0.915 | 0.35 | 19.03 |
| TOTAL (m3) | | | | | 109.22 |

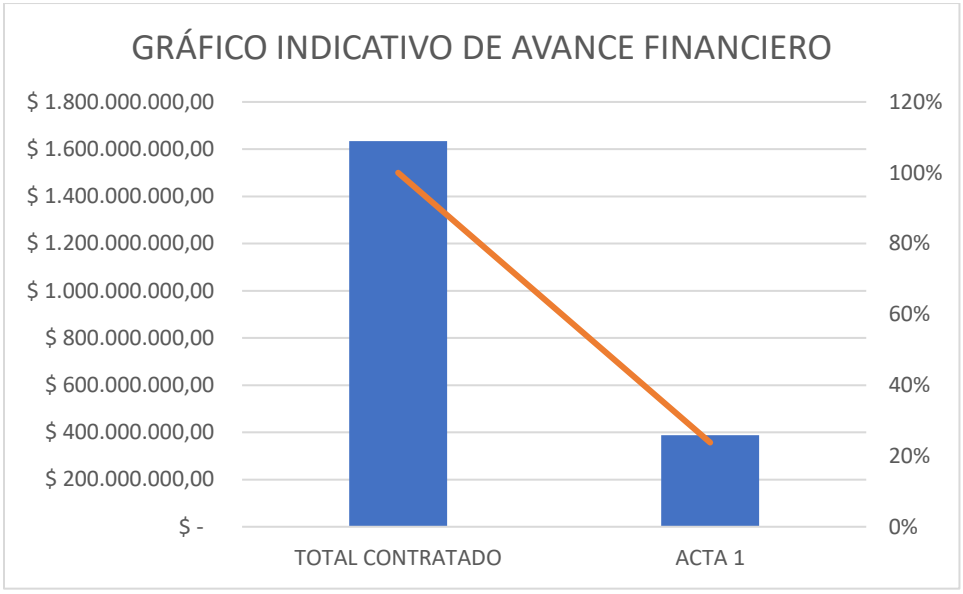
**NOTA:** El relleno con base granular no se encuentra incluido en el presupuesto inicial y se encuentra pendiente por pagar.

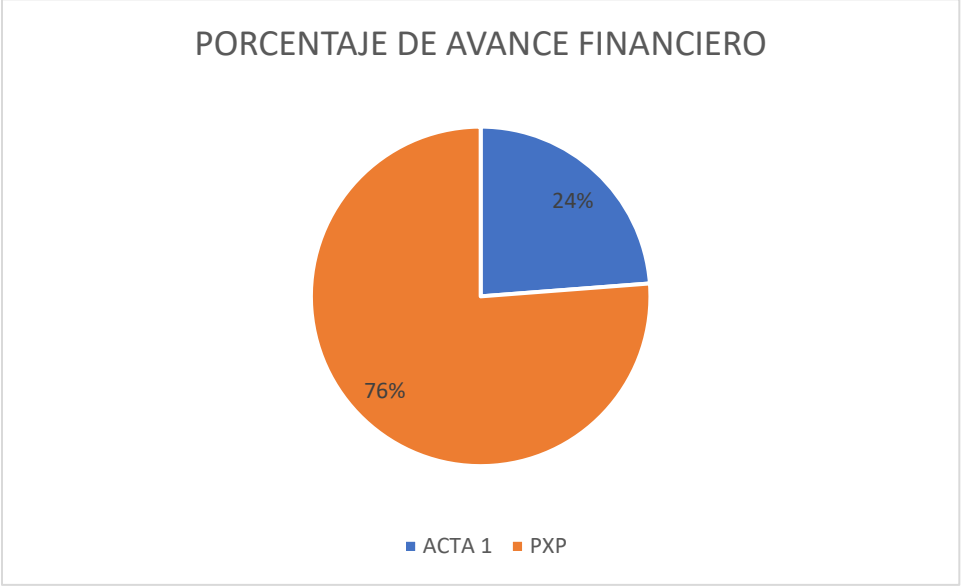
# 1. INDICADORES Y GRÁFICOS DE AVANCE DE EJECUCIÓN



## 2. INDICADORES Y GRÁFICOS DE AVANCE FINANCIERO




**DIRECTOR DE OBRA**

**RESIDENTE DE OBRA**