

APPENDIX A

CONSTRUCTION SPREADSHEETS

PROJECT: ELYSIAN PARK WATER RECYCLING PROJECT PHASE II

| Work Schedule | | | | | | |
|--|--|--|--|--|---|-----------------------|
| Total footage of pipe (LF) | Pipe lay rate (LF/day) | Total days required to install pipe | Working days per year | Number of years required to install total pipe | | |
| 52,800 | 90 | 587 | 251 | 2.3 | | |
| Excavation of Soils | | | | | | |
| Total soil excavated incl. 20% expansion (ft ³) ¹ | Soil hauled per day (ft ³ /day) | Soil hauled per day (yd ³ /day) | Maximum volume allowed in a 10-yd. Dump Truck (yd ³) | Number of loads (loads per day) | Number of 10 yd ³ Dump Trucks used | Round trips per truck |
| 792,000 | 1,350 | 50.0 | 8.5 | 6 | 3 | 2 |
| Dump Site Locations | | | | | | |
| NU-WAY 1270 Arrow HighWay Irwindale Ca. I -10 E 19.0 miles | | | | | | |
| Vulcan 11520 Sheldon St. Sun Valley Ca. I - 5 N (4.7 miles - 22.3 miles) | | | | | | |
| Construction Crew | | | Crew Equipment | | CNG | |
| 1-Supervisor | 2-Operator | 2-Pick-up Trk | 1-Truck Mounted Crane | | DIESEL | |
| 1-Sr.W.U.W. | 3- H.D.T.O. | 1-Gang Trk | 1-Back Hoe W/ Carrier | | GAS | |
| 2-W.U.W. | 1-Field Engineer | 1-5 yd ³ Dump Trk | 1-Pipe Trk | | | |
| 2-M.C.H | | 3-10 yd ³ . Dump Trk | | | | |
| Trips per vehicle | | | | | | |
| Pick-up truck - varies | | | | | | |
| 5 yd ³ dump truck - varies | | | | | | |
| Gang Trk - 1 trip to and from job | | | | | | |
| Pipe Truck - 1 trip to & from job | | | | | | |
| Backhow w/carrier - 1 trip to and from job | | | | | | |
| Truck mounted crane - 1 trip to and from job | | | | | | |
| 10 yard ³ dump trucks - see round trips above | | | | | | |
| Best Management Practices | | | | | | |
| Geotextile Fabrics / sandbag on all storm drain catch basins opening | | | | | | |
| All spoils being transported covered with tarp | | | | | | |
| Comply with City approved traffic control plans | | | | | | |

¹ assumed a 2.5' wide x 5' deep trench

