

Port St Lucie Utility Systems Department (PSLUSD)
Earthwork Density Report

PSLUSD Project Number: 5151.213

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Type of Utility Construction: Water Main Force Main Gravity Sewer Manhole Pump Station Interceptor Other: _____
(Circle One)

From Sta: 1+00 To Sta: 4+00

| Date | Gauge Serial No | STD Dns/Mst Count | Max Dens/Max Mst | Test Number | Station / Location | Offset | Lift Number | Test Depth | Wet Dens | % Moist | Dry Dens | % Max Dens | Status P/F |
|----------|-----------------|-------------------|------------------|-------------|--------------------|--------|-------------|------------|----------|---------|----------|------------|------------|
| 10/01/13 | 12345 | 2311 699 | 112 10% | 1 | 1+50 Phase 1 | ℄ | 0-1 11 | 12" | 121.4 | 9.6% | 112.9 | 99% | P |
| 10/01/13 | ↓ | ↓ | ↓ | 2 | 2+20 | 3' Rt | 2+3 11 | 12" | 120.9 | 9.7% | 111.9 | 98% | P |
| 10/02/13 | ↓ | 2314 701 | | 3 | 1+02 | 2' Lt | 4+5 11 | 12" | 121.2 | 9.9% | 112.0 | 99% | P |
| 10/02/13 | ↓ | ↓ | ↓ | 4 | 2+50 | ℄ | 6+7 11 | 12" | 121.1 | 10.0% | 112.0 | 100% | P |
| ↓ | ↓ | ↓ | ↓ | 5 | 1+75 | 1' Rt | 8+9 11 | 12" | 120.9 | 9.8% | 112.1 | 99% | P |
| ↓ | ↓ | ↓ | ↓ | 6 | 1+01 | ℄ | 10+11 11 | 12" | 121.1 | 9.9% | 111.8 | 98% | P |
| 10/03/13 | 12345 | 2310 697 | | 7 | 4+25 Phase 2 | 2' Lt | 0-1 11 | 12" | 121.0 | 10.0% | 112.0 | 100% | P |
| ↓ | ↓ | ↓ | ↓ | 8 | 3+50 | 3' Rt | 2+3 11 | 12" | 119.1 | 11.4% | 110.8 | 97% | (F) |
| ↓ | ↓ | ↓ | ↓ | 8 | 3+51 | 3' Rt | 2+3 11 | 12" | 120.9 | 9.8% | 111.9 | 99% | P |
| ↓ | ↓ | ↓ | ↓ | 9 | 4+00 | ℄ | 4+5 11 | 12" | 121.1 | 9.7% | 111.7 | 98% | P |
| ↓ | ↓ | ↓ | ↓ | 10 | 3+60 | 1' Rt | 6+7 11 | 12" | 121.3 | 9.7% | 111.9 | 99% | P |
| ↓ | ↓ | ↓ | ↓ | 11 | 4+25 | ℄ | 8+9 11 | 12" | 120.9 | 9.8% | 111.3 | 98% | P |

**Port St Lucie Utility Systems Department (PSLUSD)
Earthwork Density Graph**

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Type of Utility Construction:
(Indicate Pipe Size and Circle One)

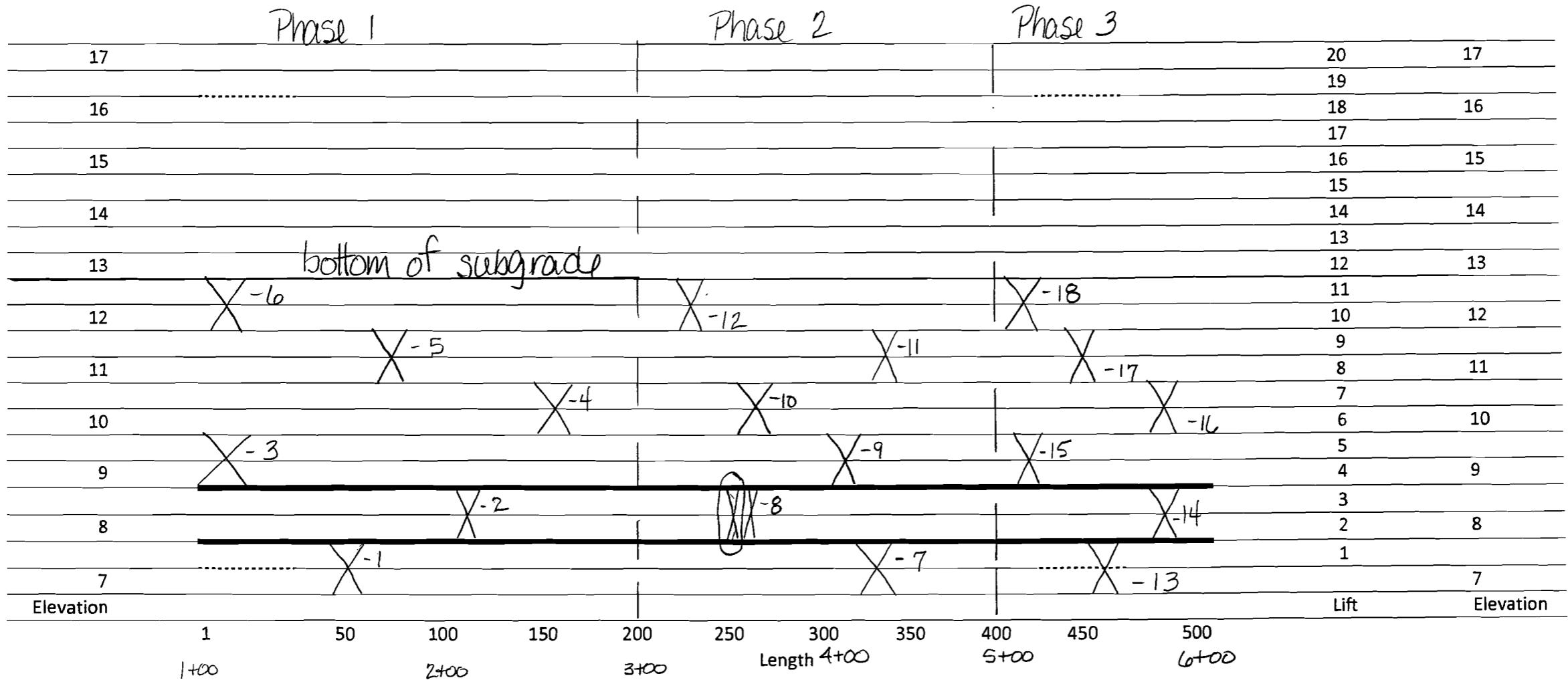
Water Main - 12"

Force Main

Reclaimed Main

From Sta: 1+00

To Sta: 6+00



Port St Lucie Utility Systems Department (PSLUSD)

Earthwork Density Report

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Type of Utility Construction: Water Main Force Main Gravity Sewer Manhole Pump Station Interceptor Other: _____
 (Circle One)

²⁺¹⁵
 From Sta: 2+00 To Sta: 2+30

| Date | Gauge Serial No | STD Dns/Mst Count | Max Dens/Max Mst | Test Number | Station / Location | Offset | Lift Number | Test Depth | Wet Dens | % Moist | Dry Dens | % Max Dens | Status P/F |
|----------|-----------------|-------------------|------------------|-------------|---------------------|--------|-------------|------------|----------|---------|----------|------------|------------|
| 10/15/13 | 12345 | 2350 713 | 109 1.8 % | 1 | 2+15 under wet well | ctr | 0-1 20 | 12" | 118.1 | 11.1 % | 108.2 | 99 % | P |
| ↓ | ↓ | ↓ | ↓ | 2 | 2+08 east of well | 2' | 2+3 20 | 12" | 118.2 | 9.5 % | 106.8 | 98 % | P |
| ↓ | ↓ | ↓ | ↓ | 3 | 2+27 west of well | 7' | 2+3 20 | 12" | 117.9 | 11.7 % | 108.1 | 98 % | P |
| 10/16/13 | | 2349 710 | | 4 | 2+18 north of well | 2' | 4+5 20 | 12" | 118.1 | 11.8 % | 107.6 | 98 % | P |
| ↓ | ↓ | ↓ | ↓ | 5 | 2+6 east of well | 4' | 4+5 20 | 12" | 118.0 | 11.9 % | 107.7 | 98 % | P |
| ↓ | ↓ | ↓ | ↓ | 6 | 2+12 south of well | 2' | 6+7 20 | 12" | 117.9 | 12.1 % | 108.3 | 99 % | P |
| ↓ | ↓ | ↓ | ↓ | 7 | 2+28 west of well | 8' | 6+7 20 | 12" | 118.0 | 12.0 % | 109.0 | 100 % | P |
| 10/17/13 | | 2351 712 | | 8 | 2+00 east of well | 5' | 8+9 20 | 12" | 117.8 | 11.9 % | 108.6 | 99 % | P |
| ↓ | ↓ | ↓ | ↓ | 9 | 2+08 east of well | 2' | 8+9 20 | 12" | 118.2 | 11.6 % | 107.4 | 98 % | P |
| ↓ | ↓ | ↓ | ↓ | 10 | 2+25 west of well | 5' | 10+11 20 | 12" | 118.2 | 12.2 % | 107.6 | 98 % | P |
| ↓ | ↓ | ↓ | ↓ | 11 | 2+18 north of well | 2' | 10+11 20 | 12" | 117.9 | 11.7 % | 108.3 | 99 % | P |
| ↓ | ↓ | ↓ | ↓ | 12 | 2+00 east of well | 5' | 12+13 20 | 12" | 118.3 | 11.7 % | 107.4 | 98 % | P |

**Port St Lucie Utility Systems Department (PSLUSD)
Earthwork Density Graph**

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Type of Utility Construction:
(Circle One)

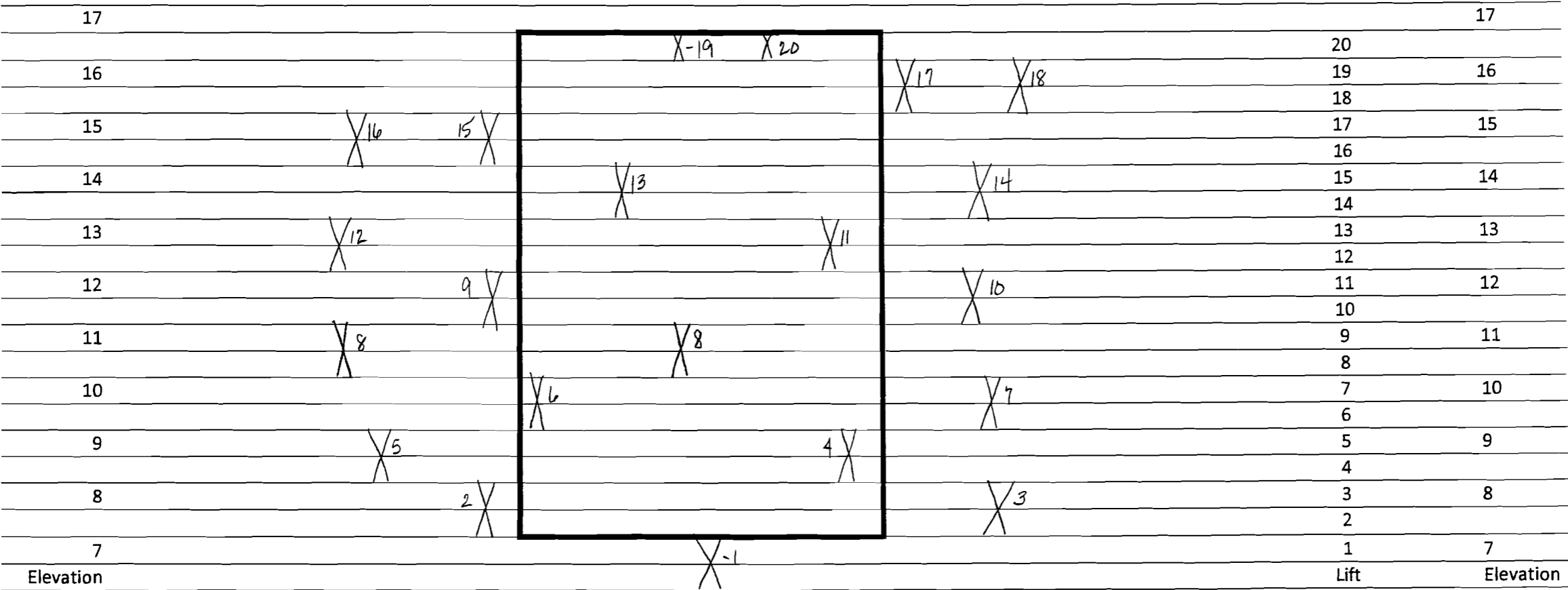
Pump Station
10' Dia

Interceptor

Other: _____

From Sta: 2+00

To Sta: 2+30



2+00' 2+10 2+15 2+20 2+30

N
 E + W
 S

Port St Lucie Utility Systems Department (PSLUSD)
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Type of Utility Construction: Water Main Force Main Gravity Sewer Manhole Pump Station Interceptor Other: _____
(Circle One)

From Sta: 1+00 MH-1 To Sta: 4+00 MH-2

| Date | Gauge Serial No | STD Dns/Mst Count | Max Dens/Max Mst | Test Number | Station / Location | Offset | Lift Number | Test Depth | Wet Dens | % Moist | Dry Dens | % Max Dens | Status P/F |
|---------|-----------------|-------------------|------------------|-------------|-------------------------------------|--------|-------------|------------|----------|---------|----------|------------|------------|
| 10/5/13 | 12345 | 2310 702 | 110 10% | 1 | <i>phase 1</i> 1+00 E under MH-1 | 0 | 0-1 17 | 12" | 119.2 | 10.3% | 108.1 | 98% | P |
| ↓ | | | | 2 | 0+98 North of MH-1 | 2' | 2 17 | 6" | 119.3 | 10.7% | 107.8 | 98% | P |
| ↓ | | | | 3 | 1+05 South of MH-1 | 5' | 2 17 | 6" | 119.9 | 10.6% | 108.4 | 99% | P |
| 10/6/13 | | 2309 702 | | 4 | .75' South of MH-1 | 0' | 1+2 17 | 12" | 119.1 | 10.5% | 107.8 | 98% | P |
| ↓ | | | | 5 | 1+00 West of MH-1 | 2' | 3+4 17 | 12" | 119.3 | 10.4% | 108.1 | 98% | P |
| ↓ | | | | 6 | 0+85 North of MH-1 | 15' | 3+4 17 | 12" | 119.7 | 10.6% | 108.3 | 98% | P |
| ↓ | | | | 7 | 40' South of MH-1 | 2' Rt | 3+4 17 | 12" | 119.0 | 10.7% | 107.9 | 99% | P |
| ↓ | | | | 8 | 0+98 North of MH-1 | 2' | 5+6 17 | 12" | 119.3 | 10.2% | 107.9 | 98% | P |
| 10/7/13 | | 2310 700 | | 9 | 1+15 South of MH-1 | 15' | 5+6 17 | 12" | 119.2 | 10.7% | 108.1 | 98% | P |
| ↓ | | | | 10 | 100' South of MH-1 | 2' Lt | 5+6 17 | 12" | 119.6 | 10.9% | 108.3 | 99% | P |
| ↓ | | | | 11 | 1+01 West of MH-1 | 2' | 7+8 17 | 12" | 119.8 | 10.4% | 108.1 | 98% | P |
| ↓ | ↓ | ↓ | ↓ | 12 | 1+06 South of MH-1 | 6' | 7+8 17 | 12" | 119.4 | 10.3% | 108.4 | 98% | P |

Port St Lucie Utility Systems Department (PSLUSD)
Earthwork Density Graph

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Type of Utility Construction: Gravity Sewer and Manholes

From Sta: 1+00 To Sta: 4+00

