

Inspection report

Hold-point inspection of pipe bedding + joint sealing prior to backfill. ITP ref. 4.2.

INSPECTOR

J. Park (EOR)

WITNESS

K. Hassan (SE)

LOCATION

Chainage 0+220–0+260

ITP REF

ITP-S2 · Section 4.2

HOLD/WITNESS

HOLD POINT

10

PASSED

0

FAILED

2

NOT APPLICABLE

1

PENDING LAB

RESULT

HOLD POINT RELEASED. No defects raised. Work may proceed to backfill, subject to compaction test result T-064-B (pending lab, expected 13 Jun). Sign-off below.

CHECKLIST · ITP 4.2 PIPE BEDDING & JOINT SEALING

Thirteen items.



Bedding material conforms to specification (Type 1, 150mm thickness)

Type 1 confirmed. Thickness 152–157mm measured at 3 chainages.

Pass



Trench bottom level matches drawing (RL 12.4 ± 25mm)

Surveyed 0+220 to 0+260. Max deviation 12mm at 0+248.

Pass



Trench width allows minimum 300mm clearance to pipe

Min measured 320mm at 0+232. Acceptable.

Pass



RCP pipes inspected for damage before laying

All 8 lengths visually inspected. No cracks, chips, or spalling. Date stamps within spec.

Pass



Pipe joints fully home — gap < 6mm

All 7 joints measured. Max gap 4mm.

Pass



Rubber ring joints intact, lubricated, and oriented correctly

100% inspection. No twisted or pinched rings observed.

Pass

✓	Pipe alignment within tolerance (±10mm horizontal, ±5mm vertical over 6m) Survey check on alignment at 4 points. Max 8mm horizontal deviation.	Pass
✓	Pipe grade matches design (0.45% min, 1.50% max) Surveyed grade 0.62%. Within spec.	Pass
✓	No standing water in trench at time of inspection Trench dewatered prior to pipe laying. Confirmed dry.	Pass
✓	Bedding density test sample taken (T-064-A) Sample bagged and dispatched to lab 11:30. Result pending.	Pass
N/A	Cathodic protection clamps installed (where specified) CP not specified for RCP in this section.	N/A
N/A	Concrete encasement applied (where specified) Not specified for this chainage.	N/A
⌚	Backfill compaction to 95% MDD (T-064-B) Sample dispatched 14:00 today. Result expected 13 Jun. Hold point on backfill release until pass confirmed.	Pending

DEFECTS RAISED

None this inspection.

PHOTOS TAKEN

P01 Bedding @ 0+225 view S	P02 Joint, chainage 0+238 after seating	P03 Trench, full section 0+220 to 0+260
P04 Grade survey rod 0+260	P05 Comms duct diversion chainage 0+248	P06 Density test bag T-064-A

INSPECTED BY

J. Park

Engineer of Record · Consulting

WITNESSED BY

K. Hassan

Site Engineer · Contractor

FDU-S2 · INSPECTION REPORT · INSP-022 · ITP 4.2 · 2026-06-11

TEMPLATE BY
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