OUTLET TO SAVA RIVER (REFERENCE DOCUMENTATION No 4)

SOLID WASTE TRANSFER STATION SITE

ENTRY TO TRANSFER STATION

Railroad Gate 1

Railroad Gate 2

PLANNED MAIN SEWER DN1000

EXISTING SEWER DN900-SUBURBS

Temporary outlet

CERSKI SIDE CA

Reserved area Phase II - Biological treatment A=1625m2

Reserved area Phase II - Final clarifiers A=app.1000m2

Reserved area Phase II- Primary claifiers A=app.400m2

Area Reserved for Future Biological Phosphorous Removal

LEGEND:

1. Inlet Lifting Station with Coarse Screens (out of scope-Part1)
2. Fine Screens (out of scope-Part1)
3. Aerated Grit Chamber and Grease Removal (out of scope-Part1)
4. Primary Clarifiers
5. Biological Treatment Line
6. Final Clarifiers
7. Effluent Collection Chamber
8. Outlet Flow Meter and Automatic Sampling Equipment
9. Distribution Chamber for Primary Clarifiers
10. Distribution Chamber for Biological Treatment
11. Distribution Chamber for Final Clarifiers
12. Primary Sludge Pumping Station
13. Sludge Return and Excess Sludge Pumping Station
14. Inlet Flow Meter - Existing
15. Air Blowers for Grit Chamber (out of scope-Part 1)
16. Power Station
17. Blowers Building
18. Administration Building
19. Guard House
20. Gravity Thickener for Primary Sludge and Pumping Station
21. Sludge Dewatering Building
22. Gas Generator Building (Part 3)
23. Gas Holder (Part 3)
24. Digesters - Anaerobic (Part 3)
25. Final Gravity Thickener and Pumping Station (Part 3)
26. Flare (Part 3)
27. Garage and Workshop
28. Stormwater retention tank (out of scope-Part 1)
29. Diesel Tank
30. Inlet flowmeter
31. Anaerobic bio-P tanks (optinal)

- **Internal roads**
- Main Process Pipelines
- Sludge Recirculation Pipelines
- Primary Sludge Pipelines
- Existing Trunk Sewer DN900
- Fence Line
- **Corridor for internal road and access to solid waste transfer station**
- **Reserved areas for possible long term WWTP extension - Phase II**
- Existing Buildings
- **Phase IA treatment units (compulsory)**
- **Phase IA treatment units (optional)**
- **Phase IB treatment units - in scope design, out of scope construction**
- **Treatment units included in Part 1**
- **Treatment units included in Part 3**
- **Planned main sewer from SPS Glavna, DN1000**
- **Existing sewer from suburban settlements, DN900**
- **Existing industrial railway centreline**

Scale:

0 50m 100m

TENDER DRAWINGS - DWG 5.4

Wastewater Management Project Šabac

City of Šabac, Republic of Serbia

Wastewater Treatment Plant (WWTP) - General Layout

EuropeAid/130447/C/WKS/RS

	MUNICIPAL INFRASTRUCTURE SUPPORT PROGRAMME EU-funded Project	**City of Šabac**