GREATER BANDUNG (SINUMBRA) WATER SUPPLY SYSTEM
All Regional Water Supply Systems in West Java Province should be under Tirta Jabar Management
# Master Plan for West Java Water Supply System (RISPAM)

<table>
<thead>
<tr>
<th>Rencana Pengembangan SPAM Regional</th>
<th>Sumber air</th>
<th>Kapasitas (L/det)</th>
<th>Alternatif Pembiayaan</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. SPAM Regional</td>
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<tr>
<td>1. SPAM Regional Metropolitan Bandung</td>
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<tr>
<td>a. SPAM Regional Bandung Selatan</td>
<td>Bendung Cikalong</td>
<td>700</td>
<td>2010</td>
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<tr>
<td>- Tahap I</td>
<td>Waduk Santosa</td>
<td>700</td>
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<td>b. SPAM Regional Barat I</td>
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<tr>
<td>- Tahap I</td>
<td>MA Sinumbra</td>
<td>2,900</td>
<td>2016</td>
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<tr>
<td>- Tahap II</td>
<td>MA Cisondari</td>
<td>1,000</td>
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<tr>
<td>- SPAM Regional Barat II</td>
<td>MA Ganjarsari</td>
<td>400</td>
<td>2016</td>
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<td>- SPAM Regional Timur I</td>
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<tr>
<td>- Tahap I</td>
<td>MA Kertasari</td>
<td>500</td>
<td>2018</td>
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<tr>
<td>- Tahap II</td>
<td>MA Balekambang</td>
<td>190</td>
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<tr>
<td>- SPAM Regional Timur II</td>
<td>Intake Rancaek dan Cigondok</td>
<td>4,380</td>
<td>2018</td>
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<td>2. SPAM Regional Cirebon Raya (Jatigede)</td>
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<tr>
<td>a. SPAM Regional Cirebon Raya (Jatigede)</td>
<td>Intake Parakan Kondang</td>
<td>1,500</td>
<td>2017 Review 2019</td>
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<tr>
<td>b. SPAM Regional Cirebon Raya (Jatigede)</td>
<td>Intake Cigaruguy dan Intake Cilutung</td>
<td>2,000</td>
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<tr>
<td>B. SPAM Pusat Pertumbuhan</td>
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</tr>
<tr>
<td>1. Pusat Pertumbuhan Pangandaran</td>
<td>Intake Cijulang, Citumang dan Ciputrapinggan</td>
<td>1,200</td>
<td>2018</td>
</tr>
<tr>
<td>2. Pusat Pertumbuhan Pelabuhanratu</td>
<td>Intake Cimandiri dan Citepus</td>
<td>500</td>
<td>2019</td>
</tr>
<tr>
<td>3. Pusat Pertumbuhan Rancabuaya</td>
<td>Intake Cisewu/Cilaki dan MA Hanjuang</td>
<td>290</td>
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<tr>
<td><strong>Total Kapasitas (L/det)</strong></td>
<td></td>
<td><strong>16,660</strong></td>
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</tbody>
</table>
West Bandung Area 1

**Phase I:** Sinumbra & Cisondari Spring Water, 3,900 l/sec, Service Areas: Bandung City, Bandung Regency, Cimahi City

Status: Feasibility Study & Detail Engineering Design

**Phase II:** Ganjarsari Water Spring, 400 l/sec, Service Areas: West Bandung Regency & Bandung Regency

Status: -

Capacity: 3,900 l/sec

336,000 Households

3.7% Service Areas

Investment costs IDR 3,94 T

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West Bandung Area 2

Capacity: 400 l/sec

32,000 Households

0.35% Service Areas

Investment costs IDR 134 M

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East Bandung Area 1

Capacity: 650 l/sec

52,000 Households

0.56% Service Areas

Investment costs IDR 535 M

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East Bandung Area 2

Capacity: 4,380 l/sec

350,400 Households

3.8% Service Areas

Investment costs IDR 1,98 T

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South Bandung Area

Capacity: 1,400 l/sec

112,000 Households

1.2% Service Areas

Investment costs IDR 1,2 T

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Total Investment: Rp 7,789 Trillion

Service Areas: 10%

Sources of Funding/Financing: APBN, APBD, PPP
WSS SINUMBRA DEVELOPMENT PLAN

Raw Water Unit (Intake)

- Collects 4 rivers and 6 reservoirs of spring water located in Rancabali District, Bandung Regency
- Discharge plan 3,200 lt/sec
- Transmission pipelines: 33.81 km with 5 pumps

Production Unit (Water Treatment Plan)

Capacity of Water Treatment Plant (WTP)

2,900 lt/sec

Distribution Unit

- Main distribution pipelines: 29.48 km
- Coverage Area: Bandung Regency, West Bandung Regency, Bandung City and Cimahi City

Estimated total investment costs (preparations, land acquisition and EPC) is IDR 2,6 Trillion
GOVERNMENT OF WEST JAVA PROVINCE

THANK YOU