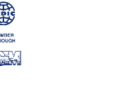


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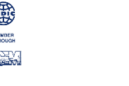
## TREATMENT WORKS DESIGNED BY SMHB AND ASSOCIATED FIRMS

\* updated February 2023

Scheme	Client	Design Output (Mld)	Year of Completion
1. Study and Construction of a New Water Treatment Plant and Improvement Works for Water Supply System in Batu Pahat District, Johor	Pengurusan Aset Air Berhad	40	2028
2. Proposed Development of Sg Rasau Water Treatment Plant and Water Supply Scheme (Phase 1), Selangor Darul Ehsan	Pengurusan Air Selangor Sdn Bhd	1,400	2024
3. Proposed Compact 30 Mld Water Treatment Plant and Related Intake Works and Force Mains at Jasin, Melaka	Aliran Intelek Sdn Bhd for Syarikat Air Melaka Berhad	30	2021
4. Sarawak Water Supply Grid Program – Improvement of Water Supply System in Betong Division	Jabatan Bekalan Air Luar Bandar (JBALB) Sarawak	64	2021
5. Sarawak Water Supply Grid Program – Proposed Bayong Water Treatment Plant	Jabatan Bekalan Air Luar Bandar (JBALB) Sarawak	64	2021
6. Upgrading of Pelubang Water Treatment Plant, Kedah	Syarikat Air Darul Aman	407	2025
7. Upgrading of Kampar Water Treatment Plant, Perak	Lembaga Air Perak	66	ongoing
8. RAPID Raw Water Treatment, Pengerang, Johor for Petronas	Loh & Loh & WET JV	260 (Phase 1) total 520	2016
9. Conceptual Engineering Design of 1,000 Mld (Phase 1-4) Sg. Kerian Water Treatment Plant	Perbadanan Bekalan Air Pulau Pinang	(1,000)	2013 (conceptual)
10. Alternative Water Supply to KLIA – Sg. labu Water Treatment Plant, Selangor	Pengurusan Aset Air Berhad	105	2013
11. Kuala Jelai Water Treatment Works Phase 2 Stage 2, Negeri Sembilan	Pengurusan Aset Air Berhad	90	2013
12. Feasibility Study to Refurbish Loji Rawatan Air Bukit Jelutong (Loji Air Damansara), Selangor	Unit Perancang Ekonomi Negeri Selangor	(45)	2012
13. Kota Kinabalu Water Supply, Sabah – Telibong Water Supply Phase 2	Jabatan Air Sabah	80	2012
14. Triang Water Supply Scheme Package 6 – Ngoi-Ngoi Water Treatment Plant, Negeri Sembilan	Jabatan Bekalan Air, Kementerian Tenaga, Teknologi Hijau dan Air Malaysia	150	2012
15. Langat 2 Water Treatment Plant, Selangor	Pengurusan Aset Air Berhad	1,130 (Phase 1)	Ongoing
16. Muda River Water Scheme Phase 4A, Package 8 – Sg. Dua Water Treatment Plant, Pulau Pinang	Perbadanan Bekalan Air Pulau Pinang	908	2009

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Scheme	Client	Design Output (Mld)	Year of Completion
17. Muda River Water Scheme Phase 4A – Kepala Batas Water Treatment Plant, Pulau Pinang	Perbadanan Bekalan Air Pulau Pinang	115	2009
18. Kota Kinabalu Water Supply, Sabah - Telibong	KK Industrial Park	95	2008
19. Kota Kinabalu Water Supply, Sabah – Limbahau (Papar)	KK Industrial Park	35	2008
20. Sandakan Water Supply, Sabah	Jabatan Air Sabah	250	2008
21. Milau Water Supply, Sabah	Jabatan Air Sabah	55	2006
22. Kogopon Water Supply, Sabah	Jabatan Air Sabah	40	2003
23. Central Kedah Water Supply, Kedah	Sungai Harmoni Sdn Bhd	55	2003
24. Hulu Terengganu Water Treatment Plant (Kuala Berang Water Treatment Plant), Terengganu – Phase 1	Hatimuda Sdn Bhd	27.5	2006
25. Hulu Terengganu Water Treatment Plant (Kuala Berang Water Treatment Plant) , Terengganu – Phase 2	Hatimuda Sdn Bhd	27.5	2003
26. Sungai Selangor Water Supply Scheme Phase 3 – Rasa	Syarikat Pengeluar Air Sungai Selangor Berhad (SPLASH)	250	2003
27. Sungai Selangor Water Supply Scheme Phase 3 – Bukit Badong	Syarikat Pengeluar Air Sungai Selangor Berhad (SPLASH)	800	2003
28. Kuala Jelai Treatment Works Phase 2, Negeri Sembilan	Jabatan Bekalan Air Negeri Sembilan	113	2003
29. Lancang Treatment Works, Melaka	Perbadanan Air Melaka	55	2003
30. New Gadek Treatment Works, Melaka	Perbadanan Air Melaka	55	2003
31. Batu Ferringhi Treatment Works, Pulau Pinang	Penang Water Authority	100	2000
32. KIPC Dungun Water Supply, Terengganu	Petronas	230	2000
33. Greater Kuantan Water Supply, Pahang	Jabatan Bekalan Air Negeri Pahang	145	2006
34. Batu Kitang Treatment Works Extension, Sarawak	Kuching Water Board	100	1998
35. Johor River Waterworks Extension Stage 4 <i>In association with BBV</i>	Public Utilities Board, Singapore	931	1997
36. Binh An Water Supply, Vietnam	Emas Utilities	126	1999
37. Sungai Selangor Water Supply Scheme Phase 2	Puncak Niaga Sdn Bhd	950	1998
38. Sungai Selangor Water Supply Scheme Phase 1	Jabatan Bekalan Air Selangor	950	1993
39. Rural Water Supply	Antah Biwater	Various	1990

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<i>22 nos of various sizes and types of treatment</i>			
40. Taiping Water Supply, Perak	Jabatan Bekalan Air Perak	23	1989
41. Tanjung Karang Water Supply, Selangor	Jabatan Bekalan Air Selangor	27.3	1988
42. Johor River Stage 2 for Singapore	Public Utilities Board, Singapore	135 <i>Works layout for 270 Mld</i>	1986
43. Skudai, Johor for Singapore	Public Utilities Board, Singapore	90	1985
44. Sungai Semenyih Water Supply, Selangor	Jabatan Bekalan Air Selangor	545	1985
45. Sungai Terip Water Supply, Negeri Sembilan	Jabatan Bekalan Air Negeri Sembilan	42 <i>Works layout for 123 Mld</i>	1985
46. Sungai Dungun Water Supply, Terengganu	Jabatan Bekalan Air Terengganu	18	1984
47. Sungai Kemaman Water Supply, Terengganu	Jabatan Bekalan Air Terengganu	115	1984
48. Paka Water Supply, Kuala Terengganu, Terengganu	Jabatan Bekalan Air Terengganu	32 <i>Works layout for 63 Mld</i>	1984
49. Batu Development, Kuala Lumpur	Jabatan Bekalan Air Selangor	113	1982
50. Madang Water Supply, Papua New Guinea <i>Groundwater supply</i>	Government of Papua New Guinea	3	1982
51. Mount Hagen Water Supply, Papua New Guinea	Government of Papua New Guinea	9 <i>Works layout for 14 Mld</i>	1982
52. Wewak Water Supply, Papua New Guinea	Government of Papua New Guinea	5 <i>Works layout for 10 Mld</i>	1982
53. Lae Water Supply, Papua New Guinea <i>Groundwater supply</i>	Government of Papua New Guinea	29	1982
54. Tanah Merah Water Supply, Kelantan	Jabatan Bekalan Air Kelantan	20 <i>Works layout for 41 Mld</i>	1982
55. Kuantan Water Supply, Pahang	Jabatan Bekalan Air Pahang	36 <i>Modification and extension of existing plant</i>	1982
56. Johor Tenggara Water Supply, Johor	Jabatan Bekalan Air Johor	27 <i>Works layout for 45 Mld</i>	1979



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57. Dinding Water Supply, Perak	Jabatan Bekalan Air Perak	23 <i>Works layout for 210 Mld</i>	1979 upgraded 1985
58. Greater Ipoh Water Supply, Perak	Jabatan Bekalan Air Perak	90	1977
59. Durian Tunggal Water Supply, Melaka	Jabatan Bekalan Air Negeri Melaka	18 72	1977 1982
60. Upper Pierce Water Supply, Singapore	Public Utilities Board, Singapore	270 <i>Works layout for 540 Mld</i>	1974
61. Langat Water Supply, Selangor	Jabatan Bekalan Air Selangor	63 126 195	1973 1976 1971
62. Bandar Seri Begawan Water Supply, Brunei	Ministry of Works, Brunei	26 45	1973 1979
63. Sandakan Water Supply, Sabah	Jabatan Bekalan Air Sabah	13 <i>Works layout for 32 Mld</i>	1973
64. Penang Water Supply	Penang Water Authority	135 <i>Upgraded to 250 Mld in 1979</i>	1973
65. Kampar Water Supply, Perak	Jabatan Bekalan Air Perak	18 <i>Works layout for 40 Mld</i>	1972
66. Semporna Water Supply, Sabah	Jabatan Bekalan Air Sabah	1	1971
67. Kudat Water Supply, Sabah	Jabatan Bekalan Air Sabah	3	1971
68. Tawau Water Supply, Sabah	Jabatan Bekalan Air Sabah	7	1968
69. Ulu Selangor Water Supply, South	Jabatan Bekalan Air Selangor	16	1968
70. Ulu Selangor Water Supply, North	Jabatan Bekalan Air Selangor	7	1968
71. Johor River for Singapore	Public Utilities Board Singapore	135 <i>Works layout for 270 Mld</i>	1967
72. Sabak Bernam Water Supply, Selangor	Jabatan Bekalan Air Selangor	7	1966
73. Linggi Water Supply, Seremban, Negeri Sembilan	Jabatan Bekalan Air Negeri Sembilan	23 23	1966 1973



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Scheme	Client	Design Output (Mld)	Year of Completion
		23	1982
74. Klang Gates Water Supply, Kuala Lumpur	Jabatan Bekalan Air Selangor	80 <i>Also major alteration to existing 90 Mld plant</i>	1966
75. Damansara Water Supply, Kuala Lumpur	Jabatan Bekalan Air Selangor	45	1965
76. Tasek Water Supply, Brunei	Ministry of Works, Brunei	11	1963 upgraded 1970