Company Profile

One- Stop Centre for
Water Engineering Consultancy Services

WATER & MARITIME

Company Philosophy

VISION

To Obtain the Hallmark for Quality Services, Technical Excellence, Reliability and Integrity.

OBJECTIVES

To provide value-added consultancy services & innovative engineering solutions to meet clients' satisfaction with due care for sustainable environment and society.

VALUES

We Value Our Staff for Their Creativity & Commitment to Quality.

We provide the Best Solution for Our Clients.

We Uphold Integrity in All Our Dealings with Our Clients and Vendors.

The Company

G&P WATER & MARITIME SDN BHD is a specialist company providing a wide range of consultancy services on water engineering. We specialize in study and design pertaining to water resources, water treatment, distribution, hydrology, hydraulics, drainage, water quality, irrigation, flood mitigation, coastal hydraulics, modelling, jetties, port structures, breakwaters and coastal protection structures.

G&P WATER & MARITIME SDN BHD staff consists of diverse engineering specialists in the field of water, maritime and dam engineering, to meet clients' needs. We are supported by a group of specialists in the region.

G&P WATER & MARITIME SDN BHD strives for an efficient operation of modern consulting practice, adopting many knowledge management techniques and operation tools, including state of the art software for modelling and analsysis.

Professional Services

HYDROLOGY AND HYDRAULICS

- Water Resources Assessment
- Integrated River Basin and Water Management Plan
- Flood Mitigation / Investigation / Forecasting
- Agriculture and Urban Drainage
- Irrigation Planning and Design
- Water Quality and Pollution Control Study
- Erosion and Sediment Control Plan
- Physical Modelling

COASTAL & MARITIME

- Coastal and Hydraulic Modelling
- Water Penetration Study
- Offshore Hydraulic Modelling
- Pre-feasibility & Feasibility Studies
- Design of Reclamation, Shore Protection Structures
- Structural Design for Ports, Marine Fabrication Yards & Jetties
- Engineering Audit & Review
- Construction Supervision

DAMS & WATER SERVICES

- Feasibility Studies of Water Supply Schemes
- Water Network Analysis & Modelling
- Detailed Design of Water Treatment Plant and Distribution Systems
- Study and Detailed Design of Sewerage Treatment Plant
- Feasibility Studies for Dam Design
- Design of Dams in Association with International Experts
- Dam Safety Inspection, Surveillance and Monitoring
- Dam Break Study
- Emergency Response Plan

Project Experiences (Water)

No	Project Title (Type of Services)
1.	Feasibility Study & Detailed Design of Sg. Damansara Flood Mitigation Scheme, Selangor (Hydrology and Hydraulics, Detailed Design)
2.	Monitoring of Putrajaya Dam and Maintenance of Hydrological Database (Hydrology and Dam Monitoring)
3.	Flood Investigation at Putra LRT Track, Wangsa Maju (Flood Investigation)
4.	Hydrology and Hydraulic Design of Electrified DoubleTrack Railway from Sg. Petani to Padang Besar (Hydrology and Hydraulics)
5.	Water Availability Study at Hartalega Water Intake Point, Bestari Jaya, Selangor (Water Resources)
6.	Expert Opinion on the failure of the Box Culvert at Mandahan, Sabah (Hydrology and Hydraulics)
7.	Feasibility Study &Detailed Design of the Flood Mitigation Works for Kelantan River Basin (Hydrology, Hydraulics and Detailed Design)
8	Development of ASEAN Water Quality System (Water Quality)
9.	Sg. Merbok Pollution Prevention and Water Quality Improvement Study (Hydrology, Hydraulic and Water Quality)
10.	Dam Break Analysis and the Social, Economic and Environmental Impact Study for Kenyir Power Station (Dam Break Study)
11.	Flood Investigation at Jalan Beringin, Bukit Damansara (Flood Investigation)
12.	Integrated Water Resources Study for the Northern Region of Peninsular Malaysia (Hydrology and Water Resources)
13.	Feasibility Study of the Metjawah and Belaga Hydroelectric Project (Hydrology and PMP)
14.	Integrated Environmental Impact Assessment (EIA) Study for the Proposed Coastal Developments in Labuan (Hydrology and Hydraulics)
15.	Flood Mitigation Master Plan for Mersing River Basin, Johor (Flood Mitigation)
16.	Stormwater Management and Drainage Master Plan Study for Kangar, Arau and Padang Besar, Perlis (Drainage Master Plan)
17	Preliminary Impact Assessment of Climate Change on Irrigation and Water Supply Scenario for Selected Keys Areas in Peninsular Malaysia (Hydrology and Water Resources)
18.	Study of the Impacts of Land Development Activities on Water Resources of Sg. Kelantan and the Development of a Conservation Plan (Hydrology, Hydraulics, Erosion and Sedimentation)

Project Experiences (Cont'd)

No	Project Title (Type of Services)
19	Water Supply Study in Lanchang, Pahang (Hydrology and Groundwater)
20.	Monitoring of Putrajaya Dam (Dam Monitoring)
21.	Hydraulic Study of the Temporary Culvert Crossing at UiTM Sg. Buloh (Hydraulics)
22.	Review of Probable Maximum Precipitation for Babagon Dam (Hydrology)
23.	Preliminary River Water Quality Management Plan for Sg. Lunchu, Pasir Gudang, Johor (Hydrology and Water Quality)
24.	Development of an On-Line Flood Warning System Using Rainfall Flood Correlation Method for Kg Kassipillay in Kuala Lumpur (Flood Warning)
25.	Pollution Prevention and Water Quality Improvement Study for Sg Buloh Basin, Selangor (Hydrology and Water Quality)
26.	Rainwater Harvesting for Foam Packaging Industries Sdn Bhd, Selangor (Rainwater Harvesting)
27.	Sg. Perak Integrated River Basin Management Plan Development (Hydrology, Hydraulics, Catchment Management)
28.	Development of Local and Internal Emergency Response Plans for Sg. Perak Hydro Scheme & Kenyir Power Station (Emergency Response Management)
29.	Review of The National Water Resources Study and Formulation of National Water Resources Policy (Hydrology, Water Resources, Irrigation)
30.	Water Availability Study for the Proposed Hill Resort at Lot 2875, Selangor (Water Resources)
31	Specialist Services to Collect and Analyse Sediment Data and Prepare Report for Sg. Bernam River Basin (Sediment)
32.	Integrated Environmental Monitoring Plan (IEMP) of Lojing, Kelantan (Hydrology, Water Resources, Irrigation, Sediment)
33.	Cadangan Pelan Induk Pembangunan Projek Taman Kekal Pengeluaran Makanan (TKPM) di Langkawit Papar, Sabah (Water Resources)
34.	The Identification of Hydropower Resources Potential in Sabah (Hydrology)
35.	Kelantan Flood Risk Mapping (Mapping)
36.	Hydraulic Review on the Tidal Control Gate (TCG) and Bund (Hydraulics)

Project Experiences (Cont'd)

No.	Project Title (Type of Services)
37.	Kota Bunyi Tailing Dam –Klian Intan Mine (Hydraulics Dambreak Study)
38.	Independent Review of the flooding of East Coast Expressway Package 10B and 10D, Terengganu (Flood Investigation)
39.	Flood Mitigation Study for Jambuk Estate, Kalimantan Timur, Indonesia (Flood Investigation)
40.	Ulu Jelai & Ulu Terengganu Hydroelectric Dam Hydraulic Study (Hydraulics)
41.	Pre-feasibility Study for Lebir & Nenggiri Dam (Hydrology & Hydraulics)
42.	2nd Edition MSMA Manual -Technical Review (Urban Drainage Design)
43.	Hydraulic Analysis of the 2nd Sg Kelantan Bridge at Sultan Yahya Petra, Kota Bharu, Kelantan (Hydraulic)
44.	Optimization Design of the Tertiary Canal and Drainage System for Setiu Irrigation Scheme (Irrigation & Drainage)
45.	Hydraulic Analysis of Panglima Awang Bridge at Sg Melaka (Hydraulic)
46.	Hydraulic Analysis of Sg Kayu Ara for the Proposed Mixed Development site at Lot PT-1427, Mukim Damansara (Hydraulic)
47.	Development of the Integrated Environmental Management Plan (IEMP) for Ringlet Catchment and Reservoir (Catchment Management)
48.	Perkhidmatan Kepakaran untuk Menilai Prestasi Sistem Pengurusan Data Hidrologi di Bahagian Pengurusan Sumber Air dan Hidrologi, JPS Malaysia (Hydrological Data Management)
49.	Catchment Modelling and Sediment Impact Assessment for Chenderoh Lake (Catchment Modelling & Sediment Study)
50.	Detailed Design of Flood Mitigation Measures for Jambuk Estate, Kalimantan Timur, Indonesia (Detailed Design)
51.	MJC Estate H&H Flood Assessment, Kalimantan Tengah, Indonesia (Flood Investigation)
52.	DEIA for the proposed 1x1000MW Coal Fired Power Plant Project, Mukim Jimah, PD (Coastal Hydraulics)
53.	Hydraulic Modelling Studies for KM Submission for Lot PTB 21910 (Tanjung Puteri), Johor Bahru City Centre (Coastal Hydraulics)
54.	Proposed Stage 1 Preliminary Flood Mitigation Study for Penawai Estate, Kalimantan (Flood Investigation)
55.	Spillway Design for Kota Bunyi Tailing Dam at Klian Intan Mine (Hydraulic Design)
56.	Capital Square Flood Investigation (Flood Investigation)
57.	Power Plant at Buroi, Balingian, Mukah (Hydraulic Design)

Project Experiences – (Cont'd)

No.	Project Title (Type of Services)
58.	Laras Estate, Stage 1, Padang, Indonesia (Flood Investigation)
59.	Hydraulic Analysis of Sg Kayu Ara for the Proposed development site at lot PT-1425, Mukim Damansara (Hydraulic)
60.	Preparation of ESCP for ArkemiaThiochemicals, Kertih Polymer Park (ESCP)
61.	Study of the Impact of Pond Filling for mix development at Lot 5318 & Pond B, Dengkil (Hydrology & Hydraulics)
62.	Review of Sarawak Telemetry System & Hydrological Network (Hydrology)
63.	Proposed Reclamation of 170 Acres for mixed Development at Pekan Klebang, Melaka (Coastal Hydraulic)
64.	Physical & Numerical Modelling Study on Foam Formation at the Cooling Water Outfall of Thermal Power Stations and its Impact to the Marine Environment (Physical Modelling & Coastal Hydraulics)
65.	Investigation, Survey, Design, Tender Documentation and Construction Supervision of Miri Water Supply Source Development (Hydrology, Hydraulics and Detailed Design)
66.	Special Environmental Impact Assessment (SEIA) for the Proposed Dam Upstream of Cinta Mata Treatment Plant, Tawau, Sabah (Hydrology)
67.	Sludge Management for Water Treatment Facility in Johor (Water Supply)
68.	Water Availability Study for Hartalega NGC at Sg Labu Water Intake Point (Water Resources)
69.	Stage-2 Detailed Design of Penawai Estate Flood Mitigation Project Kalimantan Timur, Indonesia (Flood Mitigation)
70.	Stage-2 MJC Flood Mitigation Analysis and Design, Kalimantan Tengah, Indonesia (Flood Mitigation)
71.	Hydraulic Study for the Proposed Pontoon Jetty at Senibong Cove, Mukim Plentong, Johor Bharu (Hydraulics)
72.	Water Resources Study for the Proposed 2 X 300 MW Coal- Fired Power Plant At Buroi, Balingian, Mukah Division, Sarawak (Water Resources)
73.	Water Quality Assessment for the Proposed 1000 ha Integrated Shrimp Aquaculture Park, Setiu, Terengganu (Water Quality)
74.	Water Availability Study for Hartalega NGC at Sg Langat Water Intake Point (Water Resources)

Project Experiences (Cont'd)

No.	Project Title (Type of Services)
75.	Dam Break Analysis for Mengkuang Dam Expansion Project, Pulau Pinang (Dam Break Study)
76.	Detailed Design of Flood Mitigation Project for Sungai Damansara, Sungai Kayu Ara and Retrofit Existing Flood Detention Pond (Flood Detailed Design)
77.	Dam Break Study of Kota Bunyih Tailing Dam (Dam Break Study)
78.	Guru Nanak Estate Flood Claim (Flood Investigation)
79.	Hydraulic Study and Conceptual Design for the Proposed NGC Water Intake Point at Sg Langat & Sg Labu (Hydraulic)
80.	Hydraulic Modeling Study for the Proposed Danga Bay Development (Coastal Hydraulic)
81.	Preliminary Study on the Suitability for oil Palm Cultivation in Lampong SIL Plantation, Sumatra (Hydrology & Hydraulics)
82.	Hydrology and Hydraulic Analysis for Lower Seletar Canal (Hydrology & Hydraulics)
83.	Siltation Assessment for Zhoushan Shipyard, China (Hydraulics & Sediment)
84.	Water Resource Study for the Iron Ore Mine at Ban Boneng, Laos (Hydrology)
85.	Proposed Development at Pantai Kok and Teluk Burau, Langkawi - Preliminary Conceptual Master Plan Study (Coastal Hydraulic)
86.	Pekan Nenas Sanitary Landfill DEIA (Hydrology & ESCP)
87.	EIAStudy for the proposed tin mining operation, Tanjung 12, Kuala Langat, Selangor (Water Quality & Groundwater)
88.	Water Availability Study for the Geothermal Power Plant Project at Apas Kiri, Tawau, Sabah (Hydrology)
89.	Reclamation of 66 Acres Land for Mixed Commercial Development at Melaka (Coastal Hydraulic)
90.	Reclamation of 15 Acres Land for Mixed Commercial Development At Melaka (Coastal Hydraulic)
91.	SEIA for Baleh Hydroelectric Project (Hydrology, hydraulics, water quality, ESCP)
92.	SEIA for Baram Hydroelectric Project (Hydrology, hydraulic, water quality, ESCP)
93.	Salinity Study for the Proposed 2x300MW Coal fired Power Plant at Buroi, Balingian, Sarawak (Salinity study, water quality)
94.	Coastal Hydraulic Study for the Proposed Sea Sand Mining at Tanjung Pelindung, Pahang (Coastal Hydraulic)

Project Experiences – (Cont'd)

No.	Project Title (Type of Services)
95.	Preparation of ERP for Cameron Highlands Hydroelectric Scheme (Emergency Response Management)
96.	Proposed Jesselton Hill Mixed Development at Mile 13, Tuaran Road, Menggatal, Kota Kinabalu, Sabah (Hydrology & Hydraulic)
97.	Mixed Development at Penang World City at Bayan Mutiara, Penang (Coastal Hydraulic)
98.	Streamflow Gauging and sediment sampling operation at Telom Intake and Sg Bertam (Hydraulic, Sediment Study)
99.	Erosion Control Measures for Piling Works at Main Hospital Building Area for the Gleneagles Medini Hospital Iskandar Project, Johor (ESCP)
100.	Feasibility Study and Detailed Engineering Design for "Upgrading of the Water Supply System for Lahad Datu" (Hydrology & Hydraulic)
101.	Water Resources Study for the Proposed Palm Oil Mill at Mile 48, Jalan Nabawan, Nabawan-Keningau, Sabah (Water Resources)
102.	Proposed Sg. Samalajau Reservoir and Associated Facilities (Hydrology & Hydraulic, Detailed Design)
103.	Hydrological & Hydraulic Analysis & Water Quality Assessment and Modelling for the Proposed 1,000 ha Integrated Shrimp Aquaculture Park (I-SHARP) in Setiu, Terengganu (Hydrology & Hydraulic & Water Quality)
104.	Coastal Hydraulic Study for the Proposed Sea Sand Mining at offshore of Terong Perak (Coastal Hydraulic)
105.	Coastal Hydraulic Study for the Proposed Jimah Power Plant, Port Dickson (Coastal Hydraulic)
106.	Derivation of PMP and Design Rainfall for Nakai Dam and its Regulating Dam, Laos (Hydrology)
107.	Hydraulic & Hydrology Study for RHT Tailings Ponds (Hydraulic & Hydrology)
108.	Shoreline Monitoring Works for Tuanku Jaafar Power Station in Daerah Port Dickson, Negeri Sembilan (Monitoring and Assessment)
109.	Batang Ai Dambreak Study and ERP Preparation (Dambreak & ERP)
110.	Preparation of ESCP for Forest Plantation Development Project in Besout, Perak (ESCP)
111.	Hydraulic Study for the Proposed Mixed Development at Lot 13178 and Lot 21181, JohorBahru (Coastal Hydraulics)
112.	Preparation of ESCP for Plantation Forest Development Project in Hutan Simpan Korbu, Kuala Kangsar, Perak (ESCP)

Project Experiences – (Cont'd)

No.	Project Title (Type of Services)
113.	Re-assessment of the Water Availability of Sg Kubang Badak and the Water Demand at Hartalega Intake Point, Bestari Jaya, Selangor (Water Resources)
114.	Preparation of ESCP for Plantation Forest Development Project in Hutan Simpan Korbu, Kuala Kangsar (ESCP)
115.	Preparation of ESCP for Plantation Forest Development Project in Hutan Simpan Korbu, Kuala Kangsar (ESCP)
116.	Hydrology & Hydraulic Review for Tunjang & Kodiang Station - Electrified Double Track Project Between Ipoh & Padang Besar (Hydrology & Hydraulic)
117.	Preparation of ESCP for Projek Mengusaha hasil & Mengeluarkan Batu Batan Granite, Hutan Simpan Segari Melintang, Pengkalan Baru, Perak (ESCP)
118.	Detailed Design, Tender Preparation & Construction Supervision for NGC Package 1 Works (Sg Labu Intake, Pump Station, & Piping System for Raw Water & Effluent Discharge)
119.	Coastal Hydraulic Study for the Proposed New Quay Wharf at Asian Supply Base, Labuan (Coastal Hydraulic)
120.	Improvement of the Drainage System Along Jalan Sibiyu, Bintulu (Urban Drainage, Hydrology & Hydraulics)
121.	Dam Break Study And Dam Safety Review for Semenyih Dam (Dambreak Study & Dam Safety Review)
122.	Engagement of Specialist Collaborator to Conduct Thermal Plume Marine Water Quality Modelling and Sediment Impact Assessment at Pasir Gudang Power Station (Coastal Hydraulic)
123.	Proposed Commercial Development of luxury Condominium, Cultural Centre and Recreation Parks for "Lido Boulevard" Project (Coastal Hydraulic)
124.	Study on Integrated Management Plan for Bengoh Water Catchment Area (Hydrology & Hydraulic & Water Quality)
125.	Feasibility Study for the Proposed Separation of Waterways Connecting Btg. Paloh and Btg. Belawai, in the Rajang River Delta (Coastal Hydraulics & Water Quality)
126.	Hydrological Analysis for Sg Tagas-Tagas Besar at Litang Estate, Tomanggong Group of Estates (Hydrology)
127.	Detailed Design of Orifice Structure at PD2 Outfall of Tuanku Jaafar Power Station (CFD Modelling & Detailed Design)
128.	Hydraulic Study for the Proposed "water chalet" and "resort apartment" at Pulau Melaka (Coastal Hydraulic)
129.	Water Resources Study for the Proposed Pig Farming Area at Jalan Telupid-Tongod, Tongod District, Sabah (Water Resources)

Project Experiences – (Cont'd)

No.	Project Title (Type of Services)
130.	DEIA for the Proposed Tekai Dam, Pahang (Hydraulics & Hydrology, Dam Break, Water Quality Study)
131.	Shoreline Monitoring Programme for Samalaju Port, Bintulu Sarawak (Hydraulics, Shoreline Monitoring)
132.	Shoreline Monitoring for the Proposed Construction and Completion of Breakwater for the New Deep Water Terminal at Kuantan Port, Pahang (Shoreline Monitoring)
133.	Expert Opinion on DOE's Summon on Ecohill Project for the Flood Incident in Semenyih area (Expert Review)
134.	Assessing the Groundwater Pollution Potential of Cemetery Development at Lot 3366, Sepang (Groundwater)
135.	Expert Opinion on the Flood Assessment Report for Ladang Guru Nanak (Expert Opinion)
136.	Coastal Erosion Monitoring Works for Dredging of Second Inner Harbour, Reclamation and Related Coastal Protection Works at Bintulu Port, Sarawak (Coastal Monitoring)
137.	Catchment Modelling and Sediment Impact Assessment for Kenyir Lake (Hydrology, Hydraulics & Sediment transport modelling)
138.	Hydrodynamic, thermal plume, chlorine dispersion, sediment transport, morphological, air dispersion and noise propagation modelling at TJPS and SIPS (Thermal Plume, Chlorine & Sediment Study)
139.	Coastal Hydraulic Study and Coral Mapping around Anak Burau Island, Langkawi (Coastal Hydraulic)
140.	Coastal Hydraulic Study for Upgrading of the Existing LPG Jetty to LNG Jetty at Bintulu Port (Coastal Hydraulics)
141.	Stage 1 Preliminary Flood Mitigation Study of PT Dinamik Alam Segar Plantation (DAS), Kalimantan Tengah, Indonesia (Flood Mitigation)
142.	Hydraulic Study for Labuan Resort and Theme Park Development, Labuan (Coastal Hydraulics)
143.	Penang South Islands Scheme (Reclamation Design)
144.	Development of Semenyih Dam Storage Prediction Model (Water Resources)
145.	Dambreak Study for Hulu Terengganu Hydroelectric Project (Dam Break Study)
146.	Flood Investigation and Assessment for the newly constructed bridge across Sg Batu at Manjung Perak (Hydrology and Hydraulics)
147.	Shoreline Monitoring Works for Jimah Power Plant, Port Dickson (SMP, Shoreline Monitoring)

Project Experiences – (Cont'd)

No.	Project Title (Type of Services)
148.	Preliminary Water Resources Study for Fonterra Dairy Plant, Shah Alam, Selangor (Water Resources)
149.	Detailed ESCP for Kuantan Port Reclamation, Pahang (ESCP)
150.	Development of Integrated Lake Management Plan for Jor and Mahang Reservoirs (Hydrology, Hydraulic, Water Quality)
151.	Semenyih Dam Inspection (Dam Inspection)
153.	Hydraulic Study for Senibong Area, Plentong, Johor Bahru (Coastal Hydraulics)
154.	Environmental Flow Study for the Proposed New Palm Oil Mill at Beaufort, Sabah (Water Resources)
155.	Hydrology & Hydraulic Analysis for the Proposed Box Culvert at Taman Suria Shop Apartment at Penampang (Urban Drainage)
156.	EIA for the Proposed Resort Development at Pulau Bohey Dulang, Semporna, Sabah (Hydrology and Hydraulic)
157.	Coastal Hydraulic Study for the Proposed 132kV Transmission Line from SSU Pantai Siring to SSU Pulau Besar Melaka (Coastal Hydraulic Study & Shoreline Monitoring)
158.	Improvement of the Existing Drainage System for Symphony Hills, Cyberjaya, Selangor (Flood Analysis and Urban Drainage Design)
159.	Investigation of Flooding of Sg Jelok in Kajang town and Proposed Flood Mitigation Measures (Flood Mitigation)
160.	Hydraulic Modelling of Flood Flow between Puah Dam and Kenyir Reservoir, Hulu Terengganu (Hydraulic Assessment)
161.	Preparation of ESCP for Upgrading Works of LNG4 Jetty, Bintulu Port (ESCP)
162.	Raw Water Source Development and Transfer System for Batu Kitang Treatment Plant, Kuching (Water Resources, Hydrology & Hydraulics)
163.	DEIA for the Proposed HR PIB Plant (Honeydew Project) at Gebeng, Kuantan (Water Quality)
164.	Proposed 120 Acres Reclamation for Mixed Development at Klebang (Coastal Hydraulic)
165.	Dam Break Study for Bekok Dam, Johor (Dam Break Study)
166.	SMART Flood Detection System (FDS) Software Maintenance Program (Technical Support for SMART)
167.	Shoreline Monitoring for the Proposed 2 X 1000MW Coal Fired Power Plant Project, Mukim Jimah, Port Dickson (2) (Shoreline Monitoring)

Project Experiences – (Cont'd)

No.	Project Title (Type of Services)
168.	Hydrological & Hydraulic Review on Deck Drainage MRT Line (Hydrology & Hydraulic)
169.	Drainage Review for the Proposed Mixed Development at Pantai Sepang Putra, Sepang, Selangor (Urban Drainage)
170.	Coastal Hydraulic Study For IDEAL Penang 2 (Coastal Hydraulic)
171.	Coastal Hydraulic Study for Reclamation and River Diversion Works for the Proposed Mixed Development Along Sg. Rekoh, Johor (Coastal Hydraulic)
172.	Sg Keta River Diversion Study for Iron Ore Mining, Pahang (Hydrology and Hydraulic)
173.	Investigation of Flooding in Serdang Lama and Proposed Flood Mitigation Measures, Serdang, Selangor (Flood Investigation)
174.	Environmental Management Plan (EMP) for the Proposed New Quay Wharf at Asian Supply Base Sdn Bhd, Labuan FT (Coastal Hydraulics)
175.	Detailed Design of Phase-2 Miri Water Supply Scheme (Hydrology and Hydraulics)
176.	Coastal Hydraulic Study for the Deep Water Sea Sand Mining off the Coast of Manjung, Perak (Coastal Hydraulics)
177.	Coastal Hydraulic Study for the Proposed Sand Mining offshore of Jimah Port Dickson, Negeri Sembilan (Coastal Hydraulics)
178.	Extended Executive Summary for PEIA for the proposed development at Sg Lunchoo, Mukim Plentong, Johor Bahru, Johor (Coastal Hydraulics)
179.	Flood Investigation Study for Sg Pandan, Johor (Flood Investigation)
180.	Coastal Hydraulic Study for the Proposed of development at Tanjung Batu, Bintulu Sarawak (Coastal Hydraulics)
181.	Shoreline Monitoring for the Construction of the New LNG4 Jetty at the Existing LPG Jetty, Bintulu Port, Bintulu, Sarawak (Shoreline Monitoring)
182.	Hydrology and Hydraulic Study for the Existing Sg Asap WTP Intake, Kapit Division, Sarawak (Hydrology and Hydraulics)
183.	Detailed EIA for the Proposed Salak Mixed Developments in Mukim Tanjung Dua Belas, Kuala Langat (Hydrology, Hydraulics and water Quality)
184.	Ponds Assessment for the Mixed Development at Petaling Selangor (Hydrology and Hydraulic)
185.	Coastal Hydraulic Study for Proposed Development of Lido Waterfront Boulevard at Johor Bahru (Coastal Hydraulic)

Project Experiences – (Cont'd)

No.	Project Title (Type of Services)
186.	Coastal Hydraulic Study for the Proposed Ash Pond in Jimah Power Plant (Coastal Hydraulics)
187.	Water Availability Study for the Proposed Asia Pacific Glove Factory Water Intake at Labu (Water Resources)
188.	Stage 2 Detailed Design of Flood Mitigation measures for PT Laras Estate and New Plasma Area, Sumatera(Detailed Design, Flood Mitigation)
189.	Review of the Flood Mitigation Project of PT Laras Estate, Sumatera, Indonesia (Hydrology & Hydraulics)
190.	Shoreline Monitoring Program for Penang IDEAL (Shoreline Monitoring)
191.	Danga Bay Reclamation Works and Sediment Dispersion Modelling from F2 Reclamation Work, Danga Bay, Johor (Coastal Hydraulics)
192.	Feasibility Study for the Proposed Development of Betong Raw Water Source, Sarawak (Hydrology and Hydraulic)
193.	Shoreline Monitoring Program for the New Proposed Quay Wharf, Labuan (Shoreline Monitoring)
194.	Proposed Reclamation Area Adjacent to Lot 12174 and Lot 12175, Batu Maung, Penang (Coastal Hydraulics)
195.	PEIA for the Proposed Wharf and Onshore Development at Phase 1 of the New Deep Water Terminal (NDWT) at Kuantan Port, Pahang (ESCP)
196.	Coastal Hydraulic Study for the proposed Tanjung Puteri Development, Johor Bahru City Centre, Johor (Coastal Hydraulics)
197.	Extended Executive Summary for Reclamation Works along Johor Straits from Danga Bay to Tanjung Puteri, Johor (Coastal Hydraulics)
198.	EIA For the Proposed Ash pond at Jimah East Power Sdn Bhd Power Plant, Port Dickson, Negeri Sembilan (Coastal Hydraulics)
199.	Hydrology and Hydraulic Study for the Proposed Gold Mine at PT20- 13100442 (1000 Ha) in Tawau, Sabah (Hydrology & Hydraulic, Dam Break)
200.	Coastal Hydraulic Study for the Deep Water Sea sand Mining off the coast of Klang (Coastal Hydraulics)
201.	Climate Change Research and Adaptation Measures for Coal Fired Power Plant at East Coast of Peninsular Malaysia (Coastal Hydraulics)
202.	Hydrological & Hydraulic Review on Deck Drainage MRT Line - Long Span Crossing (Hydrology and Hydraulics)
203.	Hydraulic Review of As-Built Drainage at Lot PT 10660, Puncak Alam (Hydrology and Hydraulic)
204.	Manjung 5 SMP (Shoreline Monitoring)

Project Experiences (Cont'd)

No.	Project Title (Type of Services)
205.	Assessment of the river flooding Potential for the Proposed Bintulu Kemena Road in Bintulu (Hydrology and Hydraulics)
206.	Hydraulic and Hydrology Study to determine the 100-year Flood Level at Kota Bayu Emas, Klang, Selangor (Hydrology and Hydraulic)
207.	Kajian dan Pengambilan Tanah bagi Skim Bekalan Air Lembangan Linggi (Bunded Storage), Negeri Sembilan. (Hydrology and Hydraulic)
208.	Bintulu Coastal Monitoring (Coastal Monitoring)
209.	Tg. Baru Reclamation (Coastal Hydraulic)
210.	KAJD Reclamation of 150 Acres Land, Malacca (Detailed Reclamation Design)
211.	Coastal Hydraulic Study for the Proposed Brunei Jetty (Coastal Hydraulic)
212.	Melaka Water Chalet Approval Extension Study (Coastal Hydraulic)
213.	Detailed Design of Flood Mitigation Works for Kg Tok Aminuddin, Mukim Dengkil, Daerah Sepang (Flood Mitigation Detailed Design)
214.	Stream flow Gauging for Sg Labu and Sg Langat (Hydrology)
215.	Detailed Design of Phase-1 Flood Mitigation Works for Kg Melayu Subang at Sg Pelempas, Daerah Petaling, Selangor (Flood Mitigation Detailed Design)
216.	Hydraulic Study for the Water Chalet at Pulau Melaka, Kawasan Bandar XLII, Daerah Melaka Tengah, Melaka (Coastal Hydraulics)
217.	Special Environmental Impact Assessment (SEIA) for the Proposed Kota Kinabalu Water Supply Phase III, Sabah (Hydrology and Hydraulic)
218.	Desktop Hydrological Analysis of Rajang River for WWF (Hydrology)
219.	Detailed Design of Phase-2 Drainage Improvement Works for Kg. Johan Setia Area, Klang, Selangor (Flood Mitigation Detailed Design)
220.	Water Quality Impact Assessment for the Proposed Pulau Burung Landfill (Coastal Hydraulics, Water Quality)
221.	Coastal Hydraulic Study for the Proposed Samalaju Power Plant, Sarawak (Coastal Hydraulics)
222.	Cadangan Pembangunan Perumahan Bercampur dan Perniagaan, di atas Lot 39, Beranang, Selangor untuk Setia Ecohill 2 Sdn. Bhd. - Review of Pond Design (Hydrology and Hydraulic)
223.	Coastal Hydraulic Study for the Deep Water Sea Sand Mining off the Coast of Negeri Sembilan (Coastal Hydraulic)

Project Experiences (Cont'd)

No.	Project Title (Type of Services)
224.	Cost Effective Solution for Cooling Water System of Kapar Thermal Power Plant to Reduce the Impact of Sedimentation and Thermal Plume Discharges to the CW System and Marine Environment at Kapar Coastal Area (Coastal Hydraulics, Sedimentation Study)
225.	Proposed Reclamation Waterfront Developments at Lagenda Kuah and Dayang Bay Langkawi (Coastal Hydraulic)
226.	Batang Lupar Salinity Study (Hydrology, Hydraulics, Water Quality)
227.	Coastal Hydraulic Study for the Layout Optimization of the Proposed Development of Integrated Petroleum Hub and Maritime Industrial Hub Park at Tanjung Piai, Johor (Coastal Hydraulics)
228.	Coastal Hydraulic Study for the Proposed Land Reclamation at Danga Bay Area, Johor Bahru (Coastal Hydraulics)
229.	Subject Matter Experts for the "National Flood Forecasting and Warning Information Management System", Kuala Lumpur (Expert Input on Flood Forecasting System)
230.	Hydrology and Hydraulic Study for the Proposed Development at Lot 1797/1798, Mukim Ulu Yam, Selangor (Hydrology and Hydraulics)
231.	Water Availability Study for Potential WTP Intake Options for Rural Water Supply Scheme at Kokol Hill Area, Kota Kinabalu, Sabah (Water Resources)
232.	Hydrology Analysis and Spillway Conceptual Design for the Tawau Gold Mine Tailing Dam, Tawau, Sabah (Hydrology and Hydraulics)
233.	Experts Input for the Development of Integrated Water Resources Information Management System for DID Malaysia, KL (Hydrology & Water Resources)
234.	Experts Input for the Development of EIA Guidelines for "Development Activities in Hill Slope Areas, Coastal Zones, Highlands, State Parks and National Parks" for DOE Malaysia (Development of Guidelines)
235.	Hydraulic Study for Lekir Bulk Terminal Expansion Project, Perak (Coastal Hydraulics)
236.	Hydraulic Study for the proposed Reclamation Work of 56.6 hectares at Senibong Cove, Mukim of Plentong, Johor (Coastal Hydraulics)
237.	Coastal Hydraulic Study for the Proposed Link Bridge between Queensbay Park & Pulau Jerejak, Penang (Coastal Hydraulics)
238.	EIA for Dredging Works for the Proposed Sandakan Wharf extension (Coastal Hydraulic)
239.	Water Availability and Water Quality Study for GS Paper Expansion Project for Submission to LUAS and DOE (Hydrology, Hydraulic and Water Quality)

Project Experiences (Cont'd)

No.	Project Title (Type of Services)
240.	Water Availability Study for Pitas WTP-2, Sabah (Water Resources)
241.	Hydraulic Study for the Proposed Development in SS-7 Kelana Jaya, Petaling Jaya, Selangor (Hydraulics and Flood Analysis)
242.	Raw Water Quality Sampling for Forest City, Johor (Water Quality)
243.	Hydraulic Study for the proposed Penang World City (Coastal Hydraulics)
244.	Costal Hydraulic Study for the proposed Dredging Activity in Melaka (Coastal Hydraulics)
245.	Dam Safety Review for Gerugu Dam: Hydrological Review, Reservoir Storage and Yield Review, Storage Prediction Model, Dam Break Study, Emergency Response Plan, Dam Safety Inspection & Review (Hydrology, Hydraulic, Water Resources, Dambreak Study, ERP Development)
246	Preparation of ESCP for the Construction of Effluent Ponds and Treatment System for Upgrading Works of Topaz Emas Palm Oil Mill, Perak (ESCP)
247.	Hydraulic and Geomorphology studies for the proposed Bintulu Supply Base Development (Hydrology, River Hydraulics & Coastal Hydraulics)
248.	Pre-feasibility Study for Sg Linggi Bunded Storage System (Water Resources)
249.	Hydraulic Study for the Proposed Reclamation and Development of 407 Hectares Along the Coastline of Butterworth, Penang (Coastal Hydraulics)
250.	Hydrology & Hydraulic Study on the Proposed High Speed Rail (HSR) RDC06 (Hydrology & Hydraulics, Coastal Hydraulics)
251.	Detailed Design for Gemas WTP Raw Water Intake Upgrading Works, Negri Sembilan (Water Resources, Detailed Design)
252.	Shoreline Monitoring Program for Prai 1071 MW CCGT Project, Penang (Shoreline Monitoring)
253.	The Study on Carrying Capacity of 6 Major Rivers in Sarawak for Pollution Management (Hydrology, Hydraulics, Water Quality)
254.	River Water Quality Modelling for the STP Effluent for the proposed mixed development at Mukim Setul, Seremban, Negeri Sembilan (Water Quality)
255.	Water Availability Study for the Proposed 280 Acres Development Project in Gotong Jaya, Mukim Bentong, Pahang (Water Resources)
256.	Preliminary Hydrology and Hydraulic Study for the Proposed East Coast Rail Link (ECRL) Package 4: Gombak to Bentong (Hydrology and Hydraulics)
257.	Design Review (II) of the Flood Mitigation Project for PT Laras Estate, Sumatera, Indonesia (Hydrology and Hydraulic)
258.	Water Availability Study for the Proposed Upgrading of Sekuau WTP in Sibu, Sarawak (Water Resources)

Project Experience – Cont'd

No.	Project Title (Type of Services)
259.	Optimal Layout Research for the Proposed TNB Kapar Power Plant (Coastal Hydraulics)
260.	Preliminary Study of the Kokol Bunded Storage, Sabah (Hydrology)
261.	Surface Water Resources Study for the Proposed 100-acres Durian Plantation at Gali Estate, Raub, Pahang (Hydrology)
262.	Revision, Update and Development of Hydrological Procedure No.11: Design Flood Hydrograph Estimation for Rural Catchments in Malaysia (Hydrology and Development of HP11)
263.	Water Supply, Demand and Distribution Study for Negeri Sembilan (Water Network Study)
264.	Preliminary Hydrology and Hydraulic Study for the Proposed East Coast Rail Link (ECRL) Package 2: Dungun to Kuantan (Hydrology and Hydraulics)
265.	Salinity Intrusion Study & Water Level Analysis for GS Paper Water Intake Point, Kuala Langat, Selangor (Hydraulic and Salinity Study)
266.	Coastal Hydraulic Study for the Dredging Activity at Petron's Bagan Luar Terminal, Butterworth, Penang (Coastal Hydraulics)
267.	Silt Curtain Specification and Development Plan for Filling Works at Zone 6, Phase 1 New Deepwater Terminal at Kuantan Port (Coastal Hydraulics)
268.	Water Quality Study for Bauxite Mining in Kuantan (Water Quality, Hydraulic)
269.	Development of the Water Balance System for Sg Bernam Basin under the Phase-1 of National Water Resources Management Program (Water Resources, Hydrology, Hydraulics, Irrigation, Water Supply, GIS and DSS)
270.	Hydrology and Hydraulics Study for the LRT-3 Construction Works within Sg Kayu Ara, Damansara, Petaling (Hydrology and Hydraulics)
271.	Water Quality Study for the Effluent Discharge from Coronation Palm Oil Mill, Johor (Water Quality)
272.	Water Resource Assessment to determine the most plant suitable location to relocate the existing Water Intake for the Rasau Water Treatment (Water Resources)
273.	Detailed Hydrology and Hydraulic Design for the Proposed East Coast Rail Link (ECRL) Package 4: Gombak to Bentong (Hydrology and Hydraulics)
274.	Detailed Hydrology and Hydraulic Design for the Proposed East Coast Rail Link (ECRL) Package 2: Dungun to Kuantan (Hydrology and Hydraulics)
275.	Coastal Hydraulic Study for the Proposed Sand Mining off the coast of Penang (Coastal Hydraulics)
276.	Coastal Hydraulic Study for the Proposed Sand Mining off the coast of Pahang (Coastal Hydraulics)

Project Experience – Cont'd

No.	Project Title (Type of Services)
277.	Coastal Hydraulic Study for the Proposed Sand Mining off the coast in Negeri Sembilan (Coastal Hydraulics)
278.	Hydrology and Hydraulic Study for the Proposed Recreational Ponds for the Development Project in Lapangan Kota, Seremban, Negeri Sembilan (Hydrology and Hydraulics)
279.	Hydraulic Study for the Lime Quarry at Tapah, Perak (Hydraulics)
280.	Hydraulic Study for the MRT SSP (Line 2) construction work within Sg. Bunus corridor, KL (Hydrology and Hydraulics)
281.	Development of the Integrated Shoreline Management Plan for Sarawak from Kuching to Betong, Sarawak (ISMP, Coastal Study)
282.	Water Quality Study for the Effluent Discharge from Ledang Mas Palm Oil Mill, Johor (Water Quality)
283.	Flood Mitigation Study For PT Nala Palma Cadudasa And Pt Hamparan Sentosa Estate, Kalimantan (Flood Management)
284.	Groundwater Modelling and Peat Fire Risk Management Study for the Proposed Mixed Development at Gamuda Cove, Tanjung 12, Kuala Langat, Selangor (Groundwater)
285.	Development of Hydrological Procedure and ICT Tools to Pre-Process Raw Hydrology Data for JPS Malaysia (Hydrology and ICT)
286.	Shoreline Monitoring Program for the Biannual 4 (B4) and Biannual 5 (B5) of Prai 1071 MW Combined Cycle Gas Turbine (CCGT) Project, Penang (Coastal)
287.	Hydraulic Study for the Application of Planning Permission for 220 acres Mixed Development in Bandar Lunas, Seksyen 11, Daerah Kulim, Kedah (Hydrology and Hydraulics)
288.	Hydrology & Hydraulic Detailed Design for Kuala Lumpur-Singapore High Speed Rail (Package 4) (Hydrology and Hydraulics)
289.	Hydraulic Modelling for the proposed Diversion of Batang Masang, PT Laras Estate Sumatera, Indonesia (Hydrology & Hydraulic)
290.	Development of Batu Dam Operating Rules Curve (ORC) (Hydrology & Hydraulic)
291.	Coastal Hydraulic Study for Muka Head disposal work (Coastal)
292.	Hydraulic & Hydrology Design for Proposed Kg Chempaka Bypass Scheme at LDP along JPS Sg Kayu Ara Reserve (Hydrology and Hydraulics)
293.	Proposed Mixed Development at Genting Permai , Bentong (ESCP)
294.	Proposed Ultra Low Sulphur Automotive Diesel Oil (ULSADO) Diesel Hydrotreater (DHT) Process Unit at the Existing Petron Port Dickson Refinery (PDR) Plant (ESCP & Water Quality)

Project Experiences (Cont'd)

No.	Project Title (Type of Services)
295.	Putrajaya Dam Monitoring Work (Dam Monitoring)
296.	Assessment for Best Eternity Recycle Technology Sdn Bhd (Hydrology & Water Quality)
297.	Liwagu Hydropower Project (Hydrological Study)
298.	Metocean & Wave Penetration Study for detailed design of Queensbay Waterfront Marina (Coastal Hydraulics)
299.	Hydrology and Hydraulics Study For Leader PV Plant in Kuala Ketil (Hydrology and Hydraulics)
300.	Dam Safety Review of Semenyih Dam 2018 (Dam Safety Review)
301.	Proposed 3 Phases Reclamation at Melaka (Coastal Hydraulic Study)
302.	Water Resources and Storage Requirement Study for The Durian Plantation at Gali Estate, Raub (Hydrology)
303.	Proposed Tin Mining at Pengkalan Hulu (Water Quality)
304.	Water Availability Study for XSD Paper Factory in Kedah as Part of the Feasibility Study (Hydrology)
305.	Hydrology and Hydraulics Study for Taman Desa Detention Pond (Hydrology and Hydraulics)
306.	Water Quality Study for Proposed Centralised Sewage Treatment Plant for Kuantan, Pahang (Water Quality)
307.	Effluent Discharge from Coronation Palm Oil Mill to Sungai Melantai, Kluang, Johor (Water Quality)
308.	XSD Paper Factory Water Abstraction Study in Kedah (Hydrology, Hydraulic, Water Quality)
311.	Coastal Monitoring Works for Environmental Plan (EMP) for the Dredging of Second Inner Harbour, reclamation and related coastal Proctection works at Bintulu Port (Coastal Monitoring)

Project Experiences - Maritime

No.	Project Title (Type of Services)
1.	Market Study & Conceptual Design Options for 3,350 Acres Reclamation Works for Port Facility at Mukim Jugra, Pulau Indah (Feasibility Study)
2.	Investigation into Pier Failure at Pulau Indah Pipeline Bridge and proposal for remedial work (Forensic Structural Services)
3.	Peer Design Review of Reclamation and Shore Protection Works for the Redevelopment of Kota Kinabalu Airport (Peer Review)
4.	Proposed Jetty Rehabilitation and Upgrading Works for Jetty at IMPSA Lumut Fabrication Yard (Port Structure Engineering)
5.	Proposed Preliminary Design for Offshore Unloading Facilities for Desalination and Power Plants at Shuqiaq, Saudi Arabia (Port Structure Engineering)
6.	Sg. Klang River Basin Flood Mitigation and Maintenance Scheme (Technical Coordination)
7.	Peer Design Review 275n Long Port Berthing Sheetpile Structure and Breakwater at new Port of Ehoala, Madagascar (Peer Review)
8.	Design and Construction Supervision For Sg. Kelantan Flood Mitigation Works at Kota Bahru East River Bank Stretch (Technical Coordination)
9.	Sg. Merbok Pollution Prevention and Water Quality Improvement Study (Subject Specialist - Coastal)
10.	Integrated Environmental Study for the Proposed Coastal Developments in Labuan (Subject Specialist - Coastal)
11.	Gurney Drive Reclamation Project, Penang (Promotevest Services Sdn. Bhd. (Coastal Engineering)
12.	LNGC Puteri Zamrud Contact Damage with Stores Platform at LNG, Berth 3, Bintulu - Desk Top Review (Forensic Structural Engineering)
13.	Review of Coastal Aspects for the National Water Resources Study (2000-2050) and Formulation of National Water Resources Policy (Subject Specialist - Coastal)
14.	Design Review for Revetment Design at RimbaTerjun Landfill (Coastal Engineering)
15.	Remedial Works for Construction, Completion Batang Paloh HDPE Submarine Water Pipes Crossings At Batang Belawai, Mukah Division, Sarawak (Coastal Engineering)
16	Design Engineering Services for Hulu Terengganu Hydro Electric Power Dam Scheme (Technical Coordination)
17	Integrated River Basin Management Study for Sg Perak (Subject Specialist - Coastal)

Project Experience – Cont'd

No	Project Title (Type of Services)
18	River Protection Input for Preliminary Environment Impact Assessment for Electrification Double Track Project from Gemas to Johor Bahru for ASPEC (Subject Specialist - Coastal)
19	Accreditation of ESSAR Eng Drawings for Phase 1A of 15MTPA Iron Ore Distribution Centre of M/S Vale at Teluk Rubiah, Lumut (Technical Coordination)
20	Sebulu CPO Barge - Peer Review on the Design of the Proposed Berthing Facilities (Peer Review)
21	APEC SCE02-2010. Independent Assessment of APEC Fisheries Working Group & Marine Resource Conservation Working Group (Subject Specialist - Coastal)
22	Engineering Consultancy Service for 25,000MT Load Out Facility Phase 1 (Skid Track) (Port Structure Engineering)
23	Sungai Langat Water Abstraction Studies for Megasteel Sdn Bhd - River Navigation Study Component for ASPEC (Subject Specialist - River Navigation)
24	Detailed EIA for the Proposed Construction of Breakwater, Capital Dredging and other Ancillary Works for the New Deepwater Terminal at Kuantan Port, Pahang (Subject Specialist - Coastal)
25	Proposed Reclamation of 170 Acres for Mixed Development at Pekan Klebang, Melaka (Coastal Engineering)
26	River of Life - Institutional and Legal Assessment for ASPEC Study (Technical Coordination)
27	Foam Study for TNB Research at TJPS and Manjung Power Station (Coastal Engineering)
28	Proposed Reclamation and Development at Bayan Mutiara, Penang. (Coastal Engineering)
29	Design Consultancy Services for guide/awning piles to accommodate 2 Nos. Patrol Boats at Mukim Losong, Sabah. (Subject Specialist - Coastal)
30	Confidential Proposal for Consultancy Services to Study Future Development of Yangon Ports (Feasibility Study)
31.	Consultancy Services for Basement Waterproofing & Maritime Peer Review (Peer Review)
32.	Teluk Burau Resort Preliminary Conceptual Master Plan Study (Coastal Engineering)
33.	Geotechnical, Reclamation and Load out Wharf (Combined Package Feasibility Study for 3 sites in Malaysia (Feasibility Study)

Project Experience – Cont'd

No	Project Title (Type of Services)
34.	Jet docks Docking System for Marine Police Jetty, Terengganu & Kelantan (Subject Specialist - Coastal)
35.	Design of Fender Upgrade for BLT Petron Malaysia Refining Jetty at Butterworth (Port Structure Engineering)
36.	Hydraulic and Guidance Advice for Masterplan for Marina Design for Capital Land - Danga Bay Marina & Resort Development (Feasibility Study)
37.	Proposed Development for Pantai Kok Project, Langkawi (Coastal Engineering)
38.	Reclamation Works for Ideal Queensbay Waterfront, Penang (Coastal Engineering)
39.	Proposed 450m Long Wharf and Reclamation for the Development Oil and Gas Centre at Kemaman Supply Base at Teluk Kalung, Kemaman (Port Structure Engineering)
40.	Proposed Development of Residential South, Puteri Harbour, Iskandar, Johor (Coastal Engineering)
41.	Marine Traffic & Navigational Safety Study for DEIA for the Proposed Reclamation for Development of Oil & Gas Industrial Base in Kg. Rancha-Rancha, Labuan (Subject Specialist - Port)
42.	Foam Study for TNB Research at TJPS - Phase 2 - PD2 Outlet (Coastal Engineering)
43.	Proposed Reclamation and Development at Batu Maung, Penang (Coastal Engineering)
44.	Penang South Island Schemes Reclamation –Gamuda (Coastal Engineering)
45.	Hydraulic Modelling Studies for Pasir Gudang TNBR (Coastal Engineering)
46.	Hydraulic Modelling Studies for Plentong, Johor (Coastal Engineering)
47	Proposed 120 Acres Reclamation and Development at Klebang, Melaka (Coastal Engineering)
48	Cadangan Penambakan Tanah Kerajaan di atas Plot A Seluas 150 Ekar untuk tujuan Pembangunan Perniagaan, Daerah Melaka Tengah, Melaka (Coastal Engineering)
49	Titjaya Reclamation (Coastal Engineering)
50	Desktop Study of Coal Import Facilities at East Coast of Peninsula Malaysia taking into account Climate Change Impact for TNBR (Subject Specialist - Coastal)
51	Options Study for Proposed Kapar Power Station Cooling System Cooling Water System (Subject Specialist - Coastal)

Project Experience – Cont'd

No	Project Title (Type of Services)
52	Design of River Bank Flood Protection Works at Johan Setia, Klang (Technical Coordination)
53	Site Suitability Study for New Gas Power Plant at Ranca-Ranca, Labuan (Subject Specialist - Coastal)
54	Proposed Preliminary Design of River Protection Works Fuk Teng K'ung Temple, Kuching, Sarawak (Subject Specialist - River)
55	Proposed Design of River Protection Works for East Coast Rail Link (Subject Specialist - Coastal)
56	DOE Guideline for Reclamation, Dredging and Port (Subject Specialist - Coastal)
57	Proposed 1,000 Acres Reclamation and Development at Butterworth, Penang (Coastal Engineering)
58	Earthwork Submission for Beach Terrace Puteri Harbour, Johor (Coastal Engineering)
59	Integrated Shoreline Management Plan (ISMP) for Sarawak (Subject Specialist – Coastal Structure Input)
60	Authority Submission for Marina, Design Review (Detailed Design for Queensbay Waterfront by MSI) and Marina Guide Pile Design for Proposed Marina at Petak C Queenbay Waterfront, Penang (Coastal Engineering)

Project Experiences – Dam & Water Services

No	Project Title (Type of Services)
1.	Projek Bekalan Air Luar Bandar (BALB) di Negeri Sarawak Tahun 2010 – 2012 (Water Supply)
2.	Proposed Sg. Rengit/ Pengerang Distribution Improvement, Sg. Sayong Sludge Treatment Facility and Rehabilitation of Bukit Tempayan Reservoir, Johor. (Water Treatment / Distribution System)
3.	Investigation,Survey, Design, Tender Documentation and Construction Supervision of the Miri Water Supply Source Development in Miri, Sarawak (Water Resources / Distribution System)
4.	Review of Tianchang WTP Process Improvement Report (Water Treatment)
5.	Proposed Bertam DAF Phase 2 Water Treatment Plant, Durian Tunggal, Melaka (Water Treatment)
6.	Projek Perintis Pengunaan Kaedah PenapisTebing Sungai (River Bank Filtration) di Loji Kota Lama Kiri, Kuala Kangsar, Perak (Water Treatment)
7.	Kuala Kangsar Loji Air Kota Lama Kiri – Aerator, Pipeline and M&E (Water Treatment Plant)
8.	Feasibility Study and Detailed Engineering Design for “Sistem Bekalan Air Lahad Datu” (Water Treatment Plant / Distribution System)
9.	Sg. Labu & Sg. Langat Intakes, Pump Stations, Piping System for Raw Water and Effluent Discharge And Associated Works (Water Resources / Intake Works)
10.	Design & Build Project for Full Refurbishment Works at Pedu Dam, Muda Agricultural Development Authority (MADA), Kedah Darul Aman, Malaysia (Dam)
11.	Proposed Groundwater Well Construction, Development and Supply at Berjaya City Industrial Zone (Lot 25), Mukim Sungai Tinggi, Daerah Hulu Selangor, Selangor Darul Ehsan. (Water Resources / Ground Water)
12.	Bekalan Air Samalaju, Bahagian Bintulu, Sarawak Proposed Sg. Similajau Reservoir and Associated Facilities (Distribution System)
13.	Bekalan Air untuk Cadangan Pembangunan Bercampur Gerbang Nusajaya Mukim Pulai Johor Bahru (Water Supply)
14.	Proposed Bintulu Water Treatment Plant Extension (Water Treatment Plant)
15.	Feasibility Study for the Proposed Raw Water Source Development and Raw Water Transfer System for the Board's Batu Kitang Water Treatment Plant Complex (Water Resources / Distribution System)

Project Experiences (Cont'd)

No	Project Title (Type of Services)
16.	Feasibility Study for the Proposed Development of Betong Raw Water Source, Bahagian Betong, Sarawak (Water Resources)
17.	Kajian dan Pengambilan Tanah Bagi Skim Bekalan air Lembangan Sg. Linggi (Bunded Storage), Negeri Sembilan (Water Resources / Bunded Storage)
18.	NGC Raw Water Source Works (Relocation of Sg. Langat Intake, Pump Station, and Associated Raw Water Pipe) (Water Resources / Intake Works)
19.	Tailing Dam Engineering for Tawau Gold Mine (Water Resources)
20.	Hydrology, Hydraulic and Water Quality Assessment for LUAS and EIA Submission for GS Paper & Packaging Sdn Bhd (Water Resources)
21.	Conceptual Study Untuk Sludge Dewatering Facility Bagi Loji Rawatan Air Gunung Semanggol Rancangan Bekalan Air Daerah Larut Matang, Selama dan Kerian (Sludge Treatment)
22.	Kerja-Kerja Meningkatkan Sumber Air Mentah di Loji Rawatan Air Gemas, Negeri Sembilan (Water Resources / Bunded Storage /Spillway Gate)
23.	Water Supply Demand and Distribution Study for Negeri Sembilan (Water Supply/Distribution Study)
24.	Water Supply Demand and Distribution Study for Jelebu, Jempol, Kuala Pilah and Tampin (Water Supply/Distribution Study)
25.	Dam Safety Review of Semenyih Dam 2018 (Dam)
26.	Inspection Of Balancing Reservoir At Sg. Semenyih WTP (Water Treatment Plant)

Company Registration & Award

Company Registration:-

- Commission of Companies, Malaysia
- Board of Engineers, Malaysia
- Ministry of Finance, Malaysia
- Tenaga Nasional Berhad

Award:-

- Gold Award of Special Merit by the Association of Consulting Engineers Malaysia (ACEM), 2010

ISO Certificates:-

- ISO 9001 :2008 (2015)
- UKAS Accredited Certificate

SURUHANJAYA SYARIKAT MALAYSIA
COMPANIES COMMISSION OF MALAYSIA

CERTIFIED TRUE COPY

YEW NGUK CHIEK
(BC/Y/186)
Secretary

BORANG 13
AKTA SYARIKAT 1965 [Seksyen 23(2)]

No. Syarikat

737630	U

PERAKUAN PEMERBADANAN ATAS PERTUKARAN NAMA SYARIKAT

Dengan ini diperakui bahawa

G&P WATER SDN. BHD.

yang telah diperbadankan di bawah Akta Syarikat 1965, pada 14 haribulan Jun 2006, sebagai sebuah syarikat persendirian, pada 28 haribulan November 2013 telah menukar namanya kepada

G&P WATER & MARITIME SDN. BHD.

dan bahawa syarikat ini adalah sebuah syarikat persendirian dan adalah sebuah syarikat berhad menurut syer.

Diberi di bawah tandatangan dan meterai saya di Kuala Lumpur pada 28 haribulan November 2013.

SSM MALAYSIA REGISTRAR OF COMPANIES

UserID: [illegible] Date: 28/11/2013 3:44:35 PM

NOORLIDA HANIM BINTI AHMAD
PENOLONG PENDAFTAR SYARIKAT
MALAYSIA

NO. SIRI: SSM 5670908

SURUHANJAYA SYARIKAT MALAYSIA
COMPANIES COMMISSION OF MALAYSIA

CERTIFIED TRUE COPY
YEW NGUK CHIEK
(BC/7/186)
Secretary

BORANG 9
AKTA SYARIKAT 1965 [Seksyen 16(4)]

No. Syarikat

737630	U

PERAKUAN PEMERBADANAN SYARIKAT SENDIRIAN

Adalah diperakui bahawa

G&P WATER SDN. BHD.

telah diperbadankan di bawah Akta Syarikat 1965, pada dan mulai dari 14 haribulan Jun 2006, dan bahawa syarikat ini adalah sebuah syarikat berhad menurut syer dan bahawa syarikat ini adalah sebuah syarikat sendirian.

Dibuat di bawah tandatangan dan meterai saya di Kuala Lumpur pada 14 haribulan Jun 2006.

PUTEH BINTI MAHMOOD
PENOLONG PENDAFTAR SYARIKAT
MALAYSIA

UserID: [redacted] Date: 6/14/2006 2:41:15 PM

NO. SIRI: SSM 286829

(Borang F)

AKTA PENDAFTARAN JURUTERA 1967
PERATURAN-PERATURAN PENDAFTARAN JURUTERA 1990
(PERATURAN 35)

No. Perakuan: **1906-1000-BC-924**

LEMBAGA JURUTERA MALAYSIA

PERAKUAN PENDAFTARAN SEBAGAI AMALAN JURUTERA PERUNDING

INI ADALAH UNTUK MEMPERAKUI BAHAWA

Nama: **Pertubuhan Perbadanan**
G&P WATER & MARITIME SDN. BHD.

Alamat: **UNIT 23-4 JALAN TASIK SELATAN 3**
BANDAR TASIK SELATAN
57000 KUALA LUMPUR W. PERSEKUTUAN (K.L)

Cawangan Kejuruteraan: **** CIVIL ****

yang telah mematuhi kehendak-kehendak Akta Pendaftaran Jurutera 1967 dan telah membayar fee pendaftaran didaftarkan sebagai suatu AMALAN JURUTERA PERUNDING dalam cawangan kejuruteraan yang dinyatakan di atas tertakluk kepada syarat-syarat yang dinyatakan di bawah.

Syarat-syarat:

Perakuan pendaftaran ini akan habis tempoh pada **31 DISEMBER 2019**

(DATO' Sri Ir. Dr. ROSLAN BIN MD. TAHA)
Yang Dipertua

(Ir. HIZAMUL-DIN BIN AB. RAHMAN)
Pendaftar

Tarikh dikeluarkan: 17 JANUARY 2019

KEMENTERIAN KEWANGAN MALAYSIA

SIJIL AKUAN PENDAFTARAN FIRMA PERUNDING

NO. SIJIL	:	J60387338532174011
NO. RUJUKAN PENDAFTARAN	:	465-02031643
TEMPOH SAH LAKU	:	22/01/2019 - 24/01/2022

Bahawa dengan ini diperakui syarikat :

G&P WATER & MARITIME SDN BHD (737630-U)
23-4, JLN TASIK SELATAN 3
BANDAR TASIK SELATAN
W.P. KUALA LUMPUR
57000 KUALA LUMPUR
WILAYAH PERSEKUTUAN KUALA LUMPUR, MALAYSIA

Telah berdaftar dengan Kementerian Kewangan Malaysia dalam bidang bekalan/perkhidmatan di bawah sektor, bidang dan sub-bidang seperti di Lampiran A. Kelulusan ini adalah tertakluk kepada syarat-syarat seperti yang dinyatakan di Lampiran B. Individu yang diberi kuasa oleh syarikat bagi urusan perolehan Kerajaan adalah seperti berikut :

LIM SIN POH	681223015047	MANAGING DIRECTOR
YONG SIEW FANG	770502015802	DIRECTOR
HARYANTI BINTI MOHD RASHID	800209105344	ADMIN OFFICER

t.t

DATO' OTHMAN BIN SEMAIL
Bahagian Perolehan Kerajaan
b.p. Ketua Setiausaha Perbendaharaan
Kementerian Kewangan Malaysia

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 22/01/2019

(Sijil ini adalah cetakan komputer dan tidak memerlukan tandatangan)

LAMPIRAN A

NO SIJIL : J60387338532174011
NO RUJUKAN PENDAFTARAN : 465-02031643
TEMPOH SAH LAKU : 22/01/2019 - 24/01/2022

BIL	TARIKH DAFTAR BIDANG	KOD BIDANG	KETERANGAN	STATUS
1	19/01/2019	330101	PERKHIDMATAN PERUNDING FIZIKAL/ KEJURUTERAAN/ KEJURUTERAAN AWAM	Aktif
2	19/01/2019	330102	PERKHIDMATAN PERUNDING FIZIKAL/ KEJURUTERAAN/ KEJURUTERAAN STRUKTUR	Aktif

Nota :
1. Bilangan Tambah Bidang Pada 19/01/2019 : 2

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 22/01/2019

TENAGA NASIONAL

Dengan ini disahkan bahawa

G&P WATER & MARITIME SDN. BHD.
23-4, JALAN TASIK SELATAN 3
BANDAR TASIK SELATAN
57000 , KUALA LUMPUR , WILAYAH PERSEKUTUAN

Telah berdaftar dengan Tenaga Nasional Berhad sebagai
Perunding Perkhidmatan
di bawah kategori yang tercatat dalam sijil ini

****

330101, 330102***

****

BUTIR-BUTIR PENDAFTARAN

NO PENDAFTARAN TNB	:	**3037431**
NO PENDAFTARAN SYARIKAT	:	**737630U**
NO SIJIL KEMENTERIAN KEWANGAN	:	**J60387338532174011**
TEMPOH SAHLAKU SEHINGGA	:	**24.01.2022**
TARAF	:	**TIDAK BERKAITAN**
LAIN-LAIN PENDAFTARAN	:	

Tarikh tempoh sahlaku pendaftaran ini adalah tertakluk kepada tempoh sahlaku Pendaftaran sijil-sijil Kementerian Kewangan(KK), Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) dan sijil-sijil professional yang berkaitan.

Ir. Syed Abu Hanifah bin Syed Alwi
Ketua Pegawai Perolehan
Bahagian Perolehan
Tenaga Nasional Berhad

Tarikh kelulusan : 24.04.2019

Ini adalah cetakan komputer dan tidak memerlukan tandatangan.

ASSOCIATION OF CONSULTING ENGINEERS MALAYSIA

Engineering Award 2010

Gold Award of Special Merit

conferred on

G&P Professionals Sdn. Bhd.

for their contribution in

Sg. Damansara Flood Mitigation Project

for

Wijaya Baru Sdn. Bhd.

Ir. Dr. Abdul Majid b. Dato' Abu Kassim
President

Ir. Prem Kumar
Honorary Secretary

given this 19th day of June 2010

THE ASSOCIATION OF CONSULTING ENGINEERS MALAYSIA

Certificate of Appreciation

This certificate is given to

G&P Professionals Sdn Bhd

for having submitted the project

Study on the Formation of Cooling Water Outfall Foam at Thermal Power Stations and Its Impact to the Marine Environment

for the

ACEM Engineering Awards Competition 2015

given this 19th day of August 2015

Ir. Prem Kumar
President

Ir. Anuar Mohd Aris
Honorary Secretary

Council Session 2015/2016

CERTIFICATE

QUALITY SYSTEM
SIRIM

STANDARDS MALAYSIA
ACCREDITED CERTIFICATION BODY
MS ISO/IEC 17021 : 2011
QS 0212/999 CB 01

IQNet

SIRIM QAS International hereby certifies that

G&P WATER & MARITIME SDN. BHD.
WISMA G&P
41-2, JALAN TASIK SELATAN 3
BANDAR TASIK SELATAN
57000 KUALA LUMPUR
WILAYAH PERSEKUTUAN
MALAYSIA

has implemented a Quality Management System complying with

ISO 9001:2015

QUALITY MANAGEMENT SYSTEMS - Requirements

Scope of Certification

PROVISION OF ENGINEERING CONSULTANCY SERVICES FOR CIVIL ENGINEERING WORKS.

Issue date	:	**13 June 2017**
Validity date	:	**19 May 2020**
Certification No.	:	**AR 5447**

SIRIM QAS International Sdn. Bhd.
(Company No. 410334-X)
1, Persiaran Dato' Menteri
Section 2, P. O. Box 7035
40700 Shah Alam
Selangor Darul Ehsan
MALAYSIA

Tel : 60-3-5544 6404
Fax : 60-3-5544 6787

http://www.sirim-qas.com.my
http://www.malaysiancertified.com.my

Mohd Azanuddin Salleh
Managing Director
SIRIM QAS International Sdn. Bhd.

THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

IQNet and SIRIM QAS International hereby certify that

G&P WATER & MARITIME SDN. BHD.

WISMA G&P
41-2, JALAN TASIK SELATAN 3
BANDAR TASIK SELATAN
57000 KUALA LUMPUR
WILAYAH PERSEKUTUAN
MALAYSIA

has implemented and maintains a

QUALITY MANAGEMENT SYSTEM

which fulfils the requirements of the following standard

ISO 9001:2015

for the following activities

PROVISION OF ENGINEERING CONSULTANCY SERVICES FOR CIVIL ENGINEERING WORKS.

Issued on	:	**13 June 2017**
Validity date	:	**19 May 2020**
Certification Number	:	**MY-AR 5447**

Michael Drechsel
President of IQNet

Mohd Azanuddin Salleh
Managing Director
SIRIM QAS International Sdn Bhd

IQNet Partners*:
AENOR *Spain* AFNOR Certification *France* Vincotte *Belgium* APCER *Portugal* CCC *Cyprus*
CISQ *Italy* CQC *China* CQM *China* CQS *Czech Republic* Cro Cert *Croatia* DQS Holding GmbH *Germany*
FCAV *Brazil* FONDONORMA *Venezuela* ICONTEC *Colombia* IMNC *Mexico* Inspecta Certification *Finland* *INTECO Costa Rica*
IRAM *Argentina* JQA *Japan* KFQ *Korea* MIRTEC *Greece* MSZT *Hungary* Nemko AS *Norway* NSAI *Ireland* PCBC *Poland*
Quality Austria *Austria* RR *Russia* *SIGE Mexico* SII *Israel* SIQ *Slovenia* SIRIM QAS International *Malaysia*
SQS *Switzerland* SRAC *Romania* TEST St Petersburg *Russia* TSE *Turkey* YUQS *Serbia*
IQNet is represented in the USA by: AFNOR Certification, CISQ, DQS Holding GmbH and NSAI Inc.

* This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document
** The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com

Lloyd's Register

Certificate of Approval

This is to certify that the Management System of:

G&P Dams & Water Services Sdn. Bhd. (875291-T)

23-5 Jalan Tasik Selatan 3, Bandar Tasik Selatan, 57000 Kuala Lumpur, Malaysia

has been approved by LRQA to the following standards:

ISO 9001:2015

Basem Obaid - Area Operations Manager

Issued By: Lloyd's Register of Shipping (M) Bhd

Current Issue Date: 8 February 2018
Expiry Date: 16 March 2021
Certificate Identity Number: 10055188

Original Approvals:
ISO 9001 – 17 March 2015

Approval Number(s): ISO 9001 – 0048471

The scope of this approval is applicable to:
Provision of engineering consultancy services including feasibility studies, design and project supervision of dam and water supply.

STANDARDS MALAYSIA

MS ISO/IEC 17021:2011
QS 12022007 CB 06

Software Owned / Applied

FLO-3D

MIKE By DHI
MIKE 11

MIKE By DHI
MIKE 21

MIKE By DHI
MIKE Flood

MIKE By DHI
MIKE Hydro Basin

XP-SWMM, 1D & 2D

InfoWorks RS

FLO-2D

Water CAD®
Bentley Advancing Infrastructure

Cropwat

DELFT-3D

PHAROS

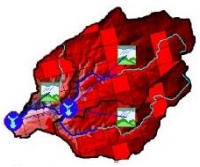
Telemac

C-Map

Tedds

HEC-HMS

HEC-RAS



HEC-GeoHMS

HEC-ResSim

MOD-Flow

ArcGIS

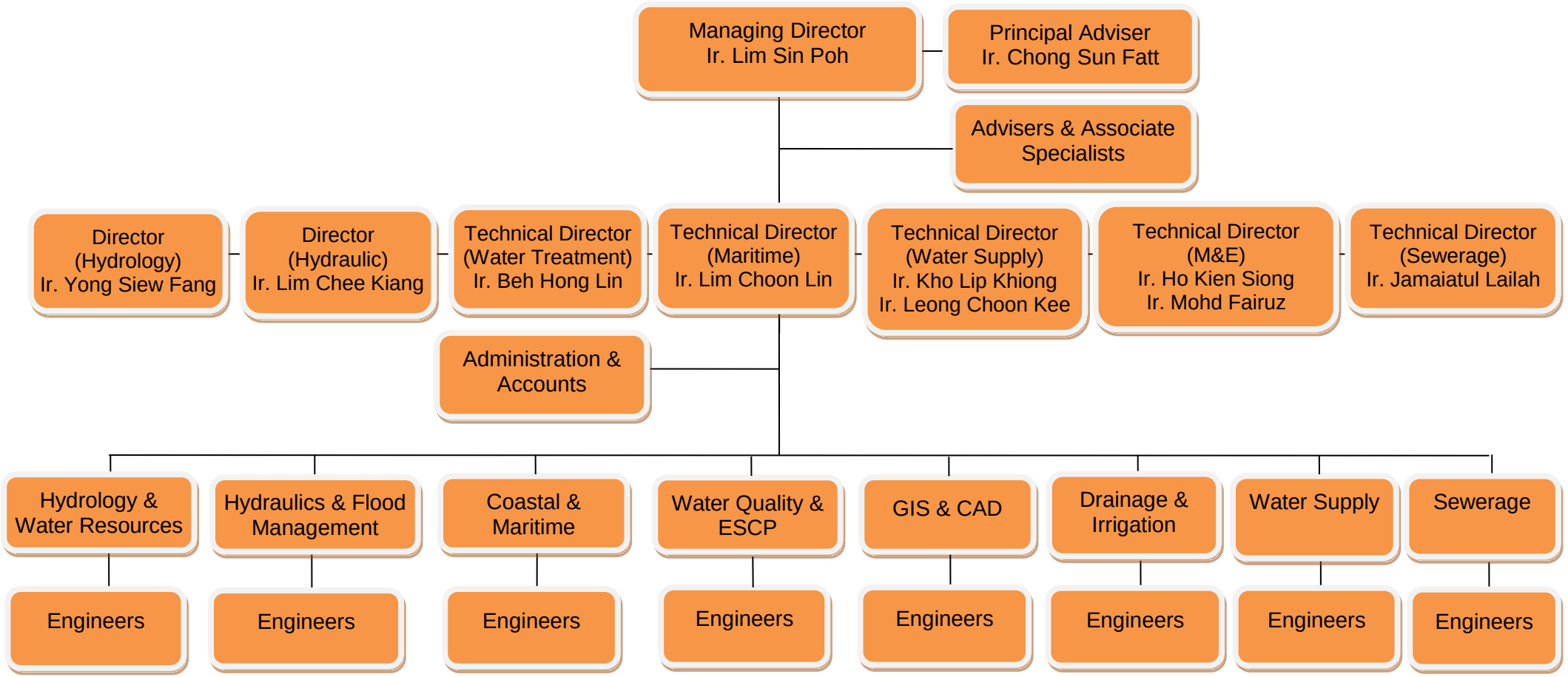
Global Mapper

Autocad

BRICSCAD

Matlab

Organization Chart



Profile of Principal Adviser

"Engineering projects must be technically sound, economically viable, socially acceptable and environmentally sustainable"

Ir. Chong obtained his B. Eng. (Hons. Civil) from the University of Malaya in 1978 and M. Sc (Irrigation Engineering) from KU Leuven, Belgium in 1991. Ir. Chong served in the Department of Irrigation & Drainage (DID) from 1978 to 2003, holding various positions. He was involved in numerous projects on Hydrology, Water Resources, Flood Mitigation, Irrigation and Drainage. Some of the notable projects involved include the hydrological design/review for KLIA, KTM Double Track, Bakun, MASMA, SMART and many other flood mitigation and dam design projects. Ir. Chong participated actively in regional and international activities. Since co-founding G&P Water in 2006, he has been involved in more than a hundred projects on hydrology and hydraulics.

Ir. Chong Sun Fatt
M. Sc. (KUL), B. Eng. (Hons) (UM),
MIEM, P. Eng. CPESC, CPSWQ
Principal Adviser & Co-Founder
G&P Water & Maritime Sdn Bhd

Profile of Managing Director

Ir. Lim Sin Poh
M. Eng.(NTU), B. Eng.(Hons)(UTM),
MIEM, P.Eng., CPESC, MMWA
Founder, Managing Director
G&P Water & Maritime Sdn Bhd
Co-Founder
IACRR

" Excel through teamwork, continuous learning and improvement"

Ir. Lim graduated from Universiti Teknologi Malaysia with a B. Eng. (Civil) and completed his post-graduate studies in Nanyang Technological University, Singapore, graduating with a M. Eng. (Civil). He has more than fifteen years of experience in engineering consultancy and four years of experience in the construction industry.

Ir. Lim started his career as a hydrology and hydraulic engineer. He ventured into civil and structural engineering consultancy before entering the construction line, and finally specialized in water engineering consultancy services.

Profile of Director

Ir. Yong Siew Fang
B.Eng. (Hons, Civil-Environmental),
UTM (2000)
MIEM, P.Eng.
Director
G&P Water and Maritime Sdn. Bhd.

Ir. Yong has 18 years of experience in the field of Hydrology and Water Engineering. She obtained the B. Eng. (Hons. Civil-Environmental) from the University Technology Malaysia in 2000. She has involved in numerous projects on Hydrology, Water Resources, Flood Mitigation, Irrigation and Drainage. One of the notable projects involved is the hydrological design for KTM Double Track in year 2006, High Speed Rail (HSR) 2017 and ECRL 2017.

Ir. Yong Siew Fang has vast experience in the hydrological analysis and modelling involving both the flood and low flow assessment. She has involved in about 70 projects and studies related to the hydrological analysis and modelling for the flood mitigation projects, dam design, water controlling structures, drainage master plan, dam break analysis, flood investigation, flood forecasting and water source work development. Her experience covering from the hands-on hydrological data analysis and modelling to the leading and planning of the hydrological related projects.

Profile of Director

Ir. John Lim Chee Kiang
B.Eng.Civil Engineering (Hons),
UM (1999)
MIEM, P.Eng., CISEC
Director
G&P Water and Maritime Sdn. Bhd.

"Teamwork, love and trust are the pillars of success."

Ir. John Lim has 20 years of experience contributing in Water Resources, Hydrology and Hydraulics, drainage and flood mitigation project, dam break analysis and modelling, soil erosion and sedimentation study and EIA study.

Ir John Lim has been involved in various mega projects in local and Asean countries across various sector such as technical review for loss adjusters in dispute arises due to the flooding events, assisting the property developers, and oil palm estate companies to mitigate their flooding problems.

He has also involved in various EIA studies as the hydraulic specialist in providing input to the environmental scientist for the impact assessment study.

He has recently involved in the Kuala Lumpur -Singapore High Speed Rail (HSR) and the East Coast Rail Link (ECRL) projects.

Profile of Technical Director (Maritime)

"Excellence is the result for those who make their best to work things out"

Ir. Lim graduated with a Bachelor's Degree in Civil Engineering from the University of Edinburgh in 1981. He has wide-ranging experience in both managing and designing maritime projects. Prior to joining G&P Maritime Sdn Bhd, he worked in a multi-disciplinary engineering consultancy firm and a public listed company involved in local and international turnkey as well as design and build projects. Amongst the most notable projects he was involved in the coastal reclamation for port facilities in Selangor, Coastal runway extension for Kota Kinabalu Airport, and RSYC's new marina, Pulau Indah, Selangor

Ir. Lim Choon Lin
B. SC. Eng. (Hons) (Edinburgh)
MIEM,MICE, C. Eng., P.Eng
Managing Director (Maritime)
G&P Water & Maritime Sdn Bhd

Profile of Technical Director (Water Supply)

Ir. Kho Lip Khiong
B. E. (Civil), GCH, MSc, MIEM,
P. Eng, MACEM, MMWA
Technical Director (Water Supply)
G&P Water & Maritime Sdn Bhd

"Serve with Honour, committed to Excellent"

Ir. Kho Lip Khiong obtained his Bachelor of Civil Engineering Degree from Universiti Teknologi Malaysia in 1992, and his Graduate Diploma on Surface Water Hydrology in University of New South Wales, Sydney, Australia in 1996.

He completed his Master of Engineering from Universiti Putra Malaysia in 2002. From 1992-2004, Ir. Kho served a number of local and state government authorities such as SESCO, JKR and LAKU where he has gained his experience in Hydrology, Hydropower Dams Feasibility Study, water supply engineering, management & operation of water supply and major development project management.

In 2004 he joined an International Consultant as a local partner; he was the Project Director for Groundwater Resources Development in Perak and a major hydropower Pre Feasibility & Feasibility Study in Sarawak. Since Oct 2009, he has taken up the role of a Water Supply Technical Director for G&P Water & Maritime Sdn Bhd. He currently has 25 years of experience in the field.

Profile of Technical Director (Water Treatment)

Ir. Beh Hong Lin
B. E. (Civil), MIEM, P. Eng,
MICE, C. Eng (U.K.)., MIPENZ,
MACEM, MMWA
Technical Director
G&P Water & Maritime Sdn Bhd

"Coming together is a beginning, keeping together is progress and working together is success!"

Ir. Beh graduated with a Bachelor of Engineering (Civil) degree from the University of Canterbury, New Zealand in 1980. He has extensive and wide-ranging experience in planning, feasibility studies and detailed design, implementation and contract administration of large-scale water supply and treatment schemes throughout Malaysia. His specific skills include the design of the Dissolved Air Flotation (DAF) treatment process and the upgrading/rehabilitation of existing water treatment plants. Prior to becoming the Technical Director (Water Treatment) of G&P Water & Maritime Sdn Bhd, Ir. Beh was part of an international consulting firm and gained work experience in Australia, New Zealand and the Middle East. Among the notable water supply projects he was involved in are Sg. Selangor Phase 1, Bintulu Phase 3, and New Bertam DAF Plant.

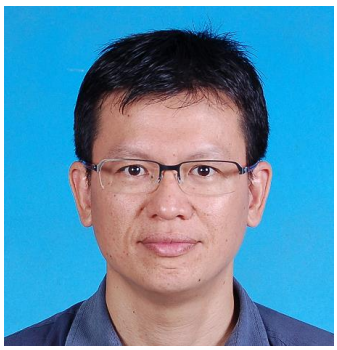
Profile of Technical Director (Water Supply)

Ir. Leong Choon Kee
B. Eng (Hons) Civil,
MIEM, P.Eng. MMWA, SPAN QP
Technical Director
G&P Water & Maritime Sdn Bhd

"The quality of a person's life is in direct proportion to their commitment to excellence, regardless of their chosen field of endeavor."

Ir. Leong Choon Kee obtained his Bachelor of Civil Engineering from University of Technology Malaysia in 1991. He has extensive and wide ranging experience in planning, study, detailed design, implementation and contract administration of large scale water supply schemes throughout Malaysia. Some of the major water supply projects that he was involved are Langat II Distribution System (Western Corridor), Semangar Water Supply Scheme, Miri Water Supply Source Development Phase 2 Works, Water Supply Demand and Distribution Study for Negeri Sembilan and Iskandar Development Region. Ir. Leong is registered as a Professional Engineer with Practising Certificate with the Board of Engineers Malaysia and member of Institution of Engineers Malaysia and Malaysian Water Association. He is also a Qualified Person of National Water Services Commission (SPAN).

Profile of Technical Director (Mechanical)



Ir. Ho Kien Siong
M.Eng., MIEM., AER,
MMWA, SQP
Technical Director
G&P Water & Maritime Sdn Bhd

Ir. Ho graduated with a Degree in Mechanical Engineering, ECE Part II (UK), P.ENG., MIEM.AER, MMWA, SQP in 1999. His specific skills include the design, coordination, implementation and commissioning of water works related system.

Profile of Technical Director (Electrical)

Ir. Mohd Fairuz Abdul Hamid graduated with a Degree in Electricall Engineering, UTM.in 2002. His specific skills include experience in spearheading high value project management and quality leadership enenergy management, renewable energy, water/wastewater, Mechanical & Eengineering as well as engineering, procurement, constructions and commissioning projects.

Ir. Mohd Fairuz Abdul Hamid
B.Eng. (Hons) Electrical, UTM
ME, UTM
Technical Director
G&P Water & Maritime Sdn Bhd

Profile of Technical Director (Sewerage)

Ir. Jamaiatul Lailah Binti Mohd Jais graduated B.Eng (Chemical) Hons., UPM (2002) and MSc. (Civil Engineering), UiTM. She is a qualified Professional Engineer with Practicing Certificate in Chemical Engineering with over 15 years of working experience in the water wastewater industry.

Ir. Jamaiatul Lailah Binti Mohd Jais
B.Eng. (Chemical) Hons,
UPM (2002), Msc. (Civil Engineering, UiTM
Technical Director
G&P Water & Maritime Sdn Bhd

Profile of Technical Director (Irrigation)

Dato' Ir. Hor Tek Lip
BSCE,Norwich University, USA (1981)
MSc (Eng) University of Birmingham (UK) (1997), FIEM, PEng.
Technical Director
G&P Water & Maritime Sdn Bhd

Dato Ir. Hor has a BSCE degree from Norwich University, USA in 1981 and MSc(Eng) from University of Birmingham, UK in 1997. He was with the Muda Agricultural Development Authority (MADA) for over 35 years (1981-2017), holding various positions and retired as Deputy General Manager (Technical). He has experienced in planning, design, construction and operation and maintenance of drainage and irrigation scheme. He is also experienced in Dam Operation, maintenance and safety monitoring; water resources management; and muddy shoreline protection.

Profile of Specialists

Dr. Wang Zhi Qian graduated with a PhD. in Nanyang Technological University (Singapore) in 2006 and served as Research Officer at NTU before he set up G&P Water (Singapore) Pte Ltd in March 2010. He has vast experience in Hydraulics, Numerical and physical modelling of river and coastal processes including Sediment Transport.

Dr. Wang Zhi Qian
Ph.D, M.Eng, B.Eng. (Hons) (NTU)
Managing Director
G&P Water (Singapore) Pte. Ltd.

Assoc. Professor Shuqing Yang graduated with a PhD, Nanyang Technological Univ, Singapore in 1996. He specialised in Water Resources Engineering; Sediment transport; Turbulent Mixing; Physical Modelling Study; Hydraulic Structures. He is a Coastal Reservoir Specialist (Masterplan for reservoir size, shape and hydrodynamics)

Assoc. Professor Shuqing Yang
BEng, Wuhan Univ., China, 1981-1985.
MEng, Nanjing Hydraulic Research Institute, China, 1985-1988.
PhD, NTU, Singapore, 1994-1996.
Researcher for Three- Gorges-Dam Project, 1988-1994.
Researcher/Prof for Water Resources Engineering at Univ. of New Orleans, National Univ. of Singapore, Korea Maritime Univ., South China Univ. of Science & Technology, Univ. of Wollongong
Co-founder and Secretariat of International Association for Coastal Reservoir Research (IACRR)

Profile of Advisors

Dato' Ir. Haji Anuar bin Haji Yahya
DSPN, BCN, AMP, PPT
P. Eng, MIEM, ACPE, CPESC

Dato' Ir. Haji Anuar bin Yahya graduated from the Universiti Teknologi MARA (UiTM) in 1981 with an Advanced Diploma in Civil Engineering. He obtained his Master of Engineering (Structural and Construction Engineering) degree from the Asian Institute of Technology (AIT), Bangkok, Thailand in 1989. He retired from the civil service as the Deputy Director-General (Specialist Sector) of the Department of Irrigation and Drainage (DID) in 2018 after serving for over 37 years (1980 – 2018).

He has served as a Council Member of the Institution of Engineers, Malaysia (IEM) for the 2016 – 2019 session. He is also an ASEAN Chartered Professional Engineer (ACPE), since 2016, besides holding the Certified Professional in Erosion and Sediment Control (CPESC) certificate.

He gained comprehensive experience in planning, design and construction of DID structures in the early years of his appointment as design engineer in the DID headquarters.

Ir. Dr. Teo Fang Yenn
Ph.D, Cardiff University; M.Sc., UPM; B.Eng. (Hons), UKM

Ir. Dr. Teo Fang Yenn graduated with a Ph.D in Civil Engineering from the Cardiff University, UK. He has an established professional career of over 20 years in academic, private sector and government services. He has been responsible in the field of civil engineering profession relating to the subject of water related health and wellbeing in the changing natural environment, particularly on hydro-evironmental engineering, river and coastal engineering, stormwater drainage and flood risk, and water resources management. He is a qualified Professional Engineer with Practising Certificate that registered with the Board of Engineers.

Profile of Advisors

Dr. Adhityan Appan
BSc, BE (Hons), DIC, MSc (Eng).
PhD
FICE,FCIWEM,FRSH,FIWRA,FIES
C. Eng, Eur. Ing, P.Eng
Partner
LBW Consultants LLP

Dr. Adhityan Appan graduated with a PhD (Civil Engineering), "Water Quality Management in Urbanised Catchments" at National University of Singapore / NUS in 1978. He is a practicing engineer with more than 46 years of Consulting, teaching and research experience in the water and environment areas. His areas of sub-specialisation include a total concept for cleaning water catchments (including remediation of polluted rivers & reservoirs), water & wastewater process engineering, rainwater catchment systems, environmental factors in renewable energy sources etc. He is the advisor to the company.

Dr. Tan Soon Keat
Ph.D University of Auckland (1984)

Dr. Tan Soon Keat graduated with a PhD in University of Auckland in 1984. He is currently an Associate Professor of NTU and the Director of Maritime Research Centre, NTU. He has vast experience in Hydrodynamics, Physical and Numerical modelling of coastal, hydraulics and hydrological processes and Sedimentation processes in the coastal waters. He is the advisor to the company.

Profile of Expert Consultant (India)

Prof. T G Sitharam
PhD University of Waterloo, Canada (1991)
Dept of Civil Engineering
Indian Institute of Science
Bangalore, India

Prof. Dr. T.G. Sitharam is a Chair Professor in the area of Energy and Mechanical Sciences IISc and Senior Professor at the Dept of Civil Engineering, Indian Institute of Science and Senior Professor (HAG Scale) at the Department of Civil Engineering, Indian Institute of Science, Bengaluru. He was former founder Chairman of a Center for Infrastructure, Sustainable Transport and Urban Planning (CiSTUP) at IISc. He is presently the Chairman, AICTE South western zonal committee, Regional office at Bengaluru and vice president, Indian Society for Earthquake Technology (ISET).

He was also a Visiting Professor at Yamaguchi University, Japan, and ISM Dhanbad, Jharkhand. He had earlier completed his Masters from Indian Institute of Science (in 1986) and Ph.D. from University of Waterloo, Waterloo, ON, Canada (1991). Over the last 25 years, he has carried out seismic microzonation of urban centers in India and also developed innovative technologies in the area of fracturing and geotechnical applications, leading to about 500 technical papers, seven books, three patents, 100 consulting projects and two startup companies.

He is the Co-founder and President of International Association For Coastal Reservoir Research (IACRR).

Profile of Advisor (India)

Dr. C. R. Parthasarathy
PhD, (IISc Bangalore), FIGS, MIE, CEng (India). Founder, Chairman & Managing Director
Elected National Executive Member of Indian Geotechnical Society (IGS) for 2016-2018

Dr. CR Parthasarathy is an industry veteran in the field of geotechnical engineering. He holds B.E. and M.E. degrees in Civil/Geotechnical Engineering from Bangalore University. He earned PhD (Geotechnical) from Indian Institute of Science, Bangalore, India in 2002. He started his career as a Geotechnical Engineer in 1993. He was involved in numerous site investigation/engineering studies at various levels for multistoried complexes, industrial buildings, embankments, bridges, water-retaining structures, subways, pavements, offshore platforms, pipelines, mobile drilling units etc.

Dr. CR Parthasarathy is the Founder Director of Sarathy Geotech & Engineering Services Pvt Ltd. The company with its registered office at Bangalore, India, was established in 2008 to provide both offshore and on land integrated geotechnical engineering services in India and abroad.

G&P Water & Maritime Signature Projects

Hydrology & Hydraulics – Water Resources

Salinity Study for the Proposed 2x300MW Coal fired Power Plant at Buroi, Balingian, Sarawak

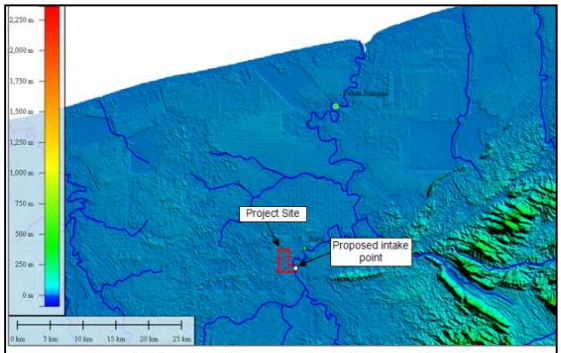


Figure 3.1: Location of the proposed project site and intake point

Review of the National Water Resources Study and Formulation of National Water Resources Policy (2010)

Detailed Design for Gemas WTP Raw Water Intake Upgrading Works, Negri Sembilan

Kajian dan Pengambilan Tanah bagi Skim Bekalan Air Lembangan Linggi (Bunded Storage), Negeri Sembilan.

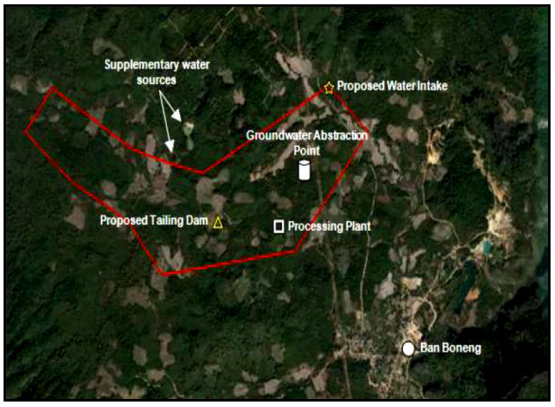
Raw Water Source Development and Transfer System for Batu Kitang Treatment Plant, Kuching

Integrated Water Resources Study for the Northern Region of Peninsular Malaysia

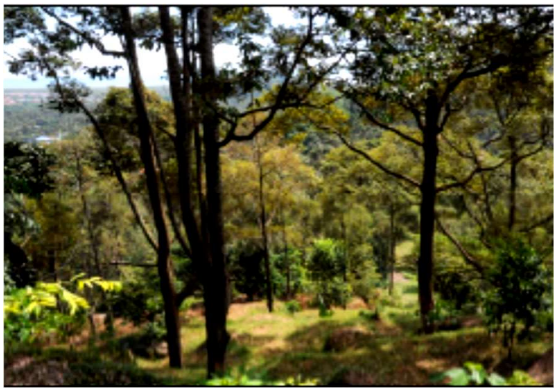
G&P Water & Maritime Signature Projects

Hydrology & Hydraulics
- Water Resources

Water Resources Study for the Iron Ore Mine at Ban Boneng, Laos

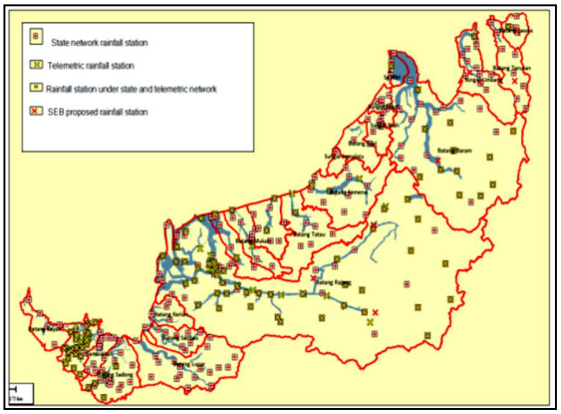


Surface Water Resources Study for the Proposed 100-Acres Durian Plantation at Gali Estate, Raub, Pahang



Hydrology & Hydraulics

Review of Sarawak Telemetry System & Hydrological Network



Water Availability Study for Hartalega NGC at Sg Labu Water Intake Point

DEIA for the Proposed Tekai Dam, Pahang

G&P Water & Maritime Signature Projects

Hydrology & Hydraulics

Kota Bunyi Tailing Dam – Klian Intan Mine

Hydraulic Analysis of Sg Kayu Ara for the proposed Development Site at Lot PT-1427, Mukim Damansara

Detailed Design of Flood Mitigation Project for Sungai Damansara, Sungai Kayu Ara and Retrofit Existing Flood Detention Pond

Subject Matter Experts for "National Flood Forecasting & Warning Information Management System", Kuala Lumpur

Hydrology and Hydraulic Design of Electrified Double Track Railway Project from Sg. Petani to Padang Besar

Revision, Update and Development of New Hydrological Procedure No.11: Design Flood Hydrograph Estimation for Rural Catchments in Malaysia

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Hydrology & Hydraulics

Flood Mitigation and Maintenance Scheme for Kelantan River Basin

Proposed Sg. Samalajau Reservoir and Associated Facilities

Hydrology and Hydraulic Analysis for Lower Seletar Canal

Hydraulic & Hydrology Study for RHT Tailings Ponds

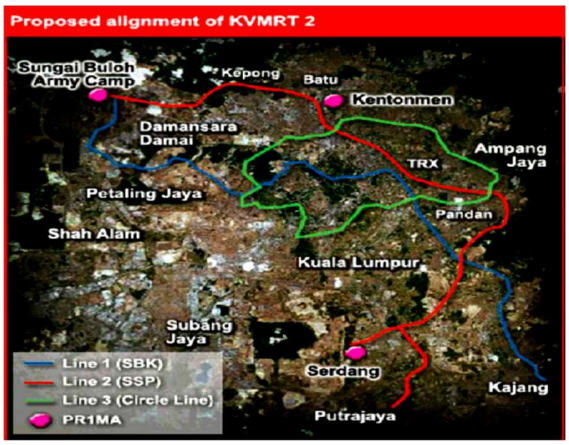
Feasibility Study and Detailed Engineering Design for "Water Supply System Upgrading Lahad Datu"

Development of Integrated Lake Management Plan for Jor and Mahang Reservoirs

G&P Water & Maritime Signature Projects

Hydrology & Hydraulics

Hydrology & Hydraulic Review on Deck Drainage MRT Line

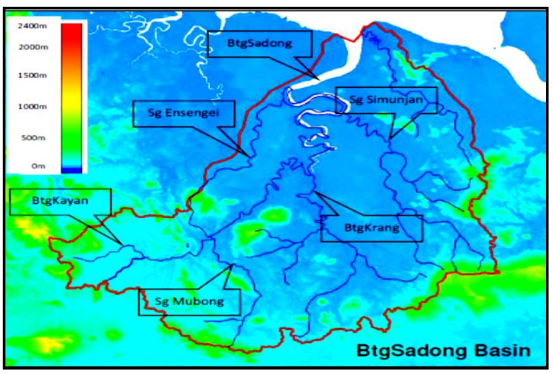


Detailed Design Phase-2 Miri Water Supply Scheme

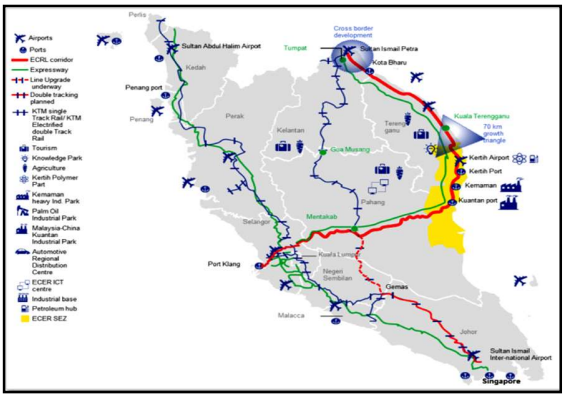
Preliminary Hydrology and Hydraulic Study Services for the Proposed East Coast Rail Link (ECRL) Project Package 4: Gombak to Bentong

Study on Integrated Management Plan for Bengoh Water Catchment Area

The Study on Carrying Capacity of 6 Major Rivers in Sarawak for Pollution Management (Ongoing)



Preliminary Hydrology and Hydraulic Study for the Proposed East Coast Rail Link (ECRL) Project Package 2: Dungun to Kuantan



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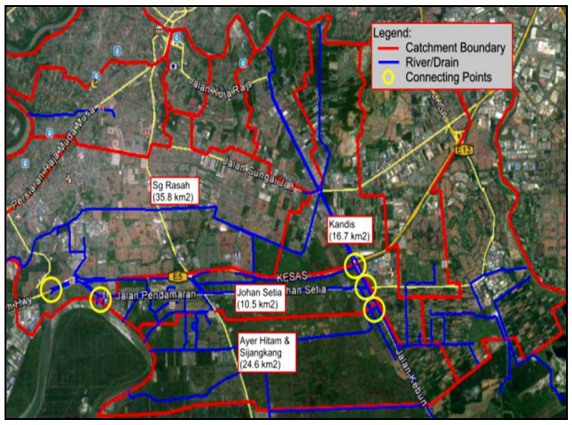
Hydrology & Hydraulic

Design of Flood Mitigation Scheme of Kg. Johan Setia, Klang



Kajian Perekayasaan Pengurusan Maklumat Sumber Air Bersepadu DID Malaysia

Integrated River Basin Management Study for Sg. Perak

Hydrology & Hydraulic Consultancy on the proposed High Speed Rail RDC06 (Ongoing)

Hydraulics and Geomorphology Studies for the proposed Bintulu Supply Base Development.

Sg. Merbok Pollution Prevention and Water Quality Improvement Study

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Hydrology & Hydraulics

Preliminary Impact Assessment of Climate Change on Irrigation and Water Supply Scenario for Selected Areas in Peninsular Malaysia

2nd Edition MSMA Manual - Technical Review

Study of the Impacts of Land Development Activities on Water Resources of Sg. Kelantan and the Development of a Conservation Plan

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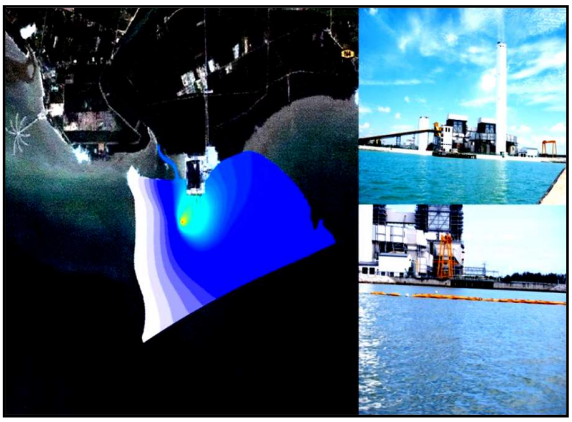
Coastal Hydraulic Study (CHS)

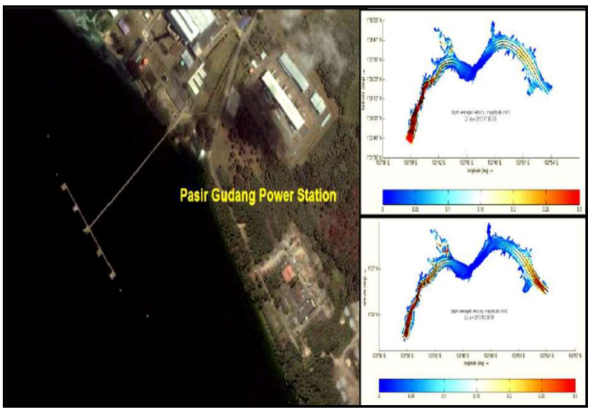
Siltation Assessment for Zhoushan Shipyard, China

Cost Effective Solution for Cooling Water System of Kapar Thermal Power Plant to Reduce the Impact of Sedimentation and Thermal Plume Discharges to the CW System and Marine Environment at Kapar Coastal Area

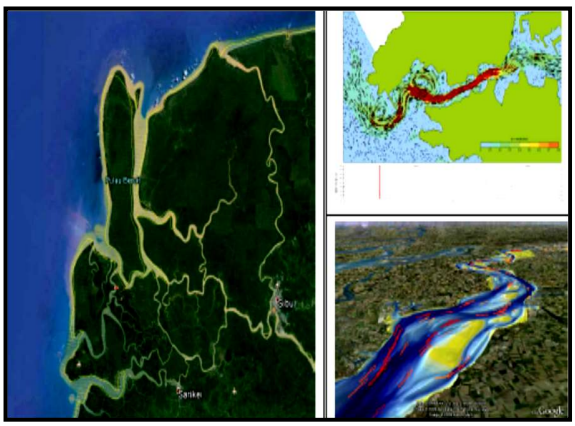
DEIA for the proposed 1 x 11000 MW Coal Fired Power Plant Project, Mukim Jimah, Port Dickson



Engagement of Specialist Collaborator to Conduct Thermal Plume Marine Water Quality Modelling and Sediment Impact Assessment at Pasir Gudang Power Station



Feasibility Study for the Proposed Separation of Waterways Connecting Btg. Paloh and Btg. Belawai, in the Rajang River Delta



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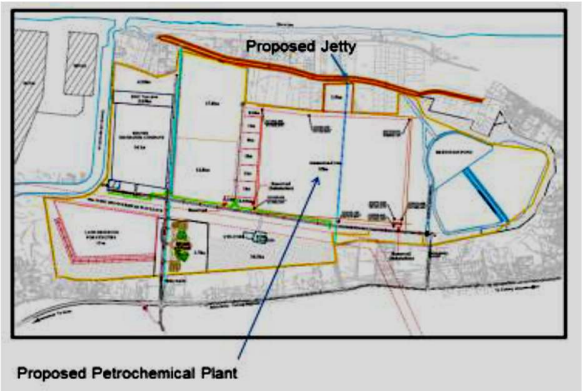
Coastal Hydraulic Study (CHS)

Hydrodynamic, thermal plume, chlorine dispersion, sediment transport, morphological, air dispersion and noise propagation modelling at TJPS and SIPS

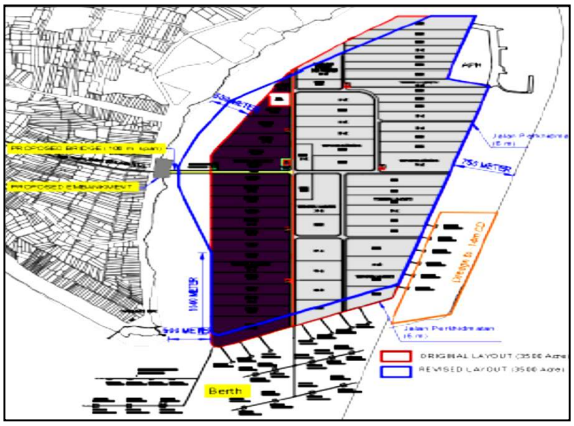
Coastal Hydraulic Study for Upgrading of the Existing LPG Jetty to LNG Jetty at Bintulu Port

Coast Hydraulic Study for the proposed Brunei Jetty.



Coastal Hydraulic Study for the Proposed Samalaju Power Plant

Coastal Hydraulic Study for the Layout Optimization of the Proposed Development of Integrated Petroleum Hub and Maritime Industrial Hub Park at Tanjung Piai, Johor



Coastal Hydraulic Study for the proposed Jimah Power Plant, Port Dickson

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Dam

Development of Semenyih Dam Storage Prediction Model

Maintenance of Hydrological Databases Management and Monitoring of Putrajaya Dam

Dam Safety Review for Gerugu Dam Hydrological Review, Reservoir Storage and Yield Review, Storage Prediction Model, Dam Break Study, Emergency Response Plan, Dam Safety Inspection & Review

Dam – Dam Break Study

Dam Break Study and Dam Safety Review for Semenyih Dam

Dam Break Modelling

Dam Break Analysis for Kenyir Dam

Dam Break Study for Tawau Gold Mine Tailung Dam

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Dam Break Modelling

Dam Break Analysis for Mengkuang Dam Expansion Project, Pulau Pinang

Dam Break Study for Bekok Dam, Johor

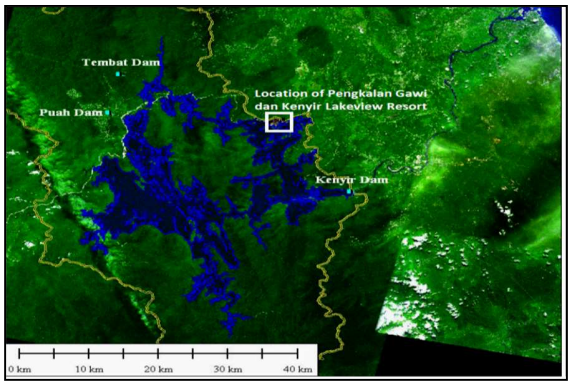
Dam Break Study

Dam Break Study of Kota Bunyih Tailing Dam

Dam – Emergency Response Plan / Management

Preparation of ERP for Cameron Highlands Hydroelectric Scheme

Dambreak Study for Hulu Terengganu Hydroelectric Project



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Dam – Emergency Response Plan / Management

Development of Local ERP and Internal ERP for Sg. Perak Hydro Scheme and Kenyir Power Station

Dam Monitoring for Putrajaya Dam.

Dam Inspection

Semenyih Dam Inspection

Batang Ai Dam Break Study and ERP Preparation

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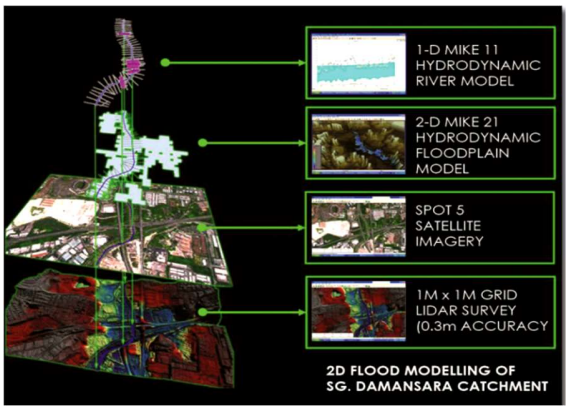
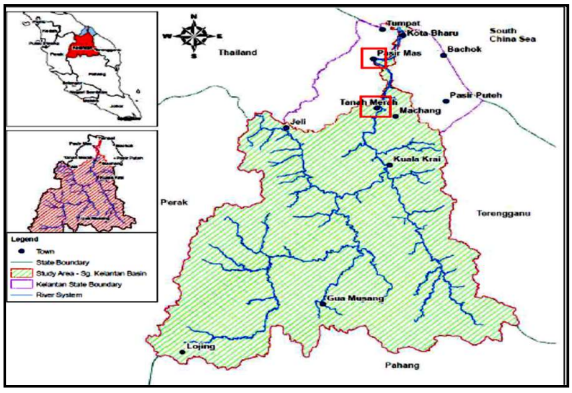
Flood Mitigation / Flood Investigation / Urban Drainage

Feasibility Study & Detailed Design of Sg. Damansara Flood Mitigation Scheme, Selangor



Kelantan Flood Risk Mapping

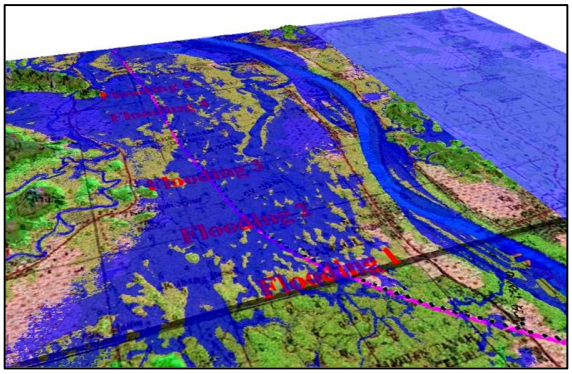


Stormwater Management and Drainage Master Plan Study for Kangar, Arau and Padang Besar, Perlis

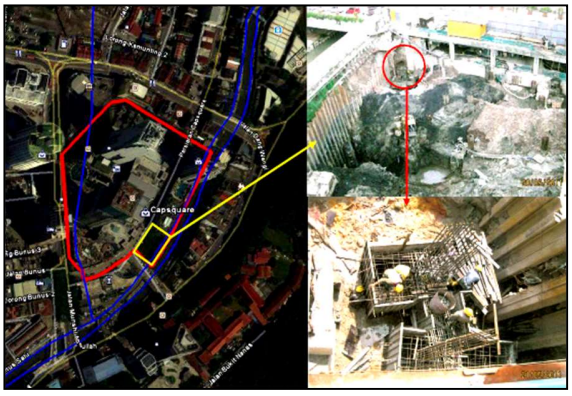
Flood Investigation

Flood investigation at Putra LRT Track, Wangsa Maju

Independent Review of the flooding of East Coast Expressway Package 10B & 10D, Terengganu



Capital Square Flood Investigation



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Urban Drainage

Improvement of the existing drainage system for Symphony Hills, Cyberjaya

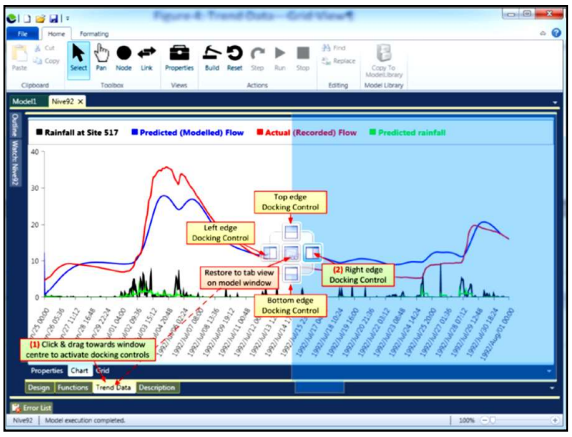
Detailed Design of Flood Mitigation Works for Kg Tok Aminuddin, Mukim Dengkil, Daerah Sepang

Flood Modelling

Modeling of Flood flows between Puah Dam and Kenyir Reservoir

Technical Support

SMART Flood Detection System (FDS) Software Maintenance Program



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Climate Change

Climate Change Research and Adaptation Measures for Coal Fired Power Plant at East Coast of Peninsular Malaysia

Preparation of ESCP for Arkemia Thiochemicals, Kertih Polymer Park

ESCP

Experts Input for the Development of EIA Guidelines for "Development Activities in Hill Slope Areas, Coastal Zones, Highlands, State Parks and National Parks" for DOE Malaysia

Preparation of ESCP for the Construction of Effluent Ponds and Treatment System for Upgrading Works of Topaz Emas Palm Oil Mill, Perak (ESCP)

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ESCP

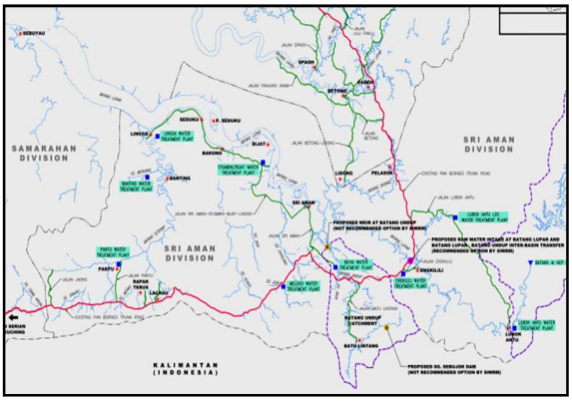
Re-assessment of the Water Availability of Sg Kubang Badak and the Water Demand at Hartalega Intake Point, Bestari Jaya, Selangor

Detailed Erosion & Sediment Control Plan (ESCP) For Kuantan Port Reclamation, Pahang

Water Quality

Salinity Study for the Proposed 2x300MW Coal fired Power Plant at Buroi, Balingian, Sarawak.

Batang Lupar Salinity Study



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Catchment Study

Integrated Environmental Management Plan (IEMP) of Lojing, Kelantan

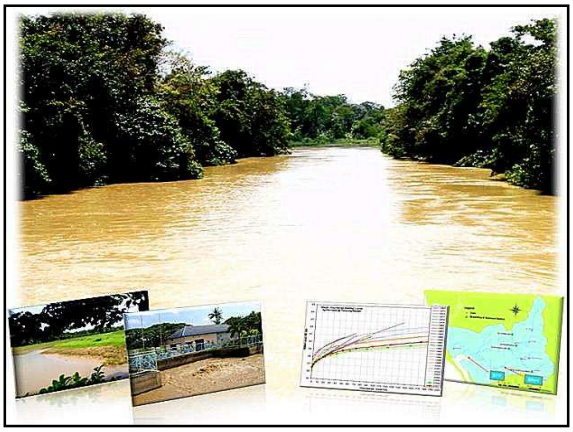
CFD Modelling & Structural Design

Detailed Design of Orifice Structure at PD2 Outfall of Tuanku Jaafar Power Station

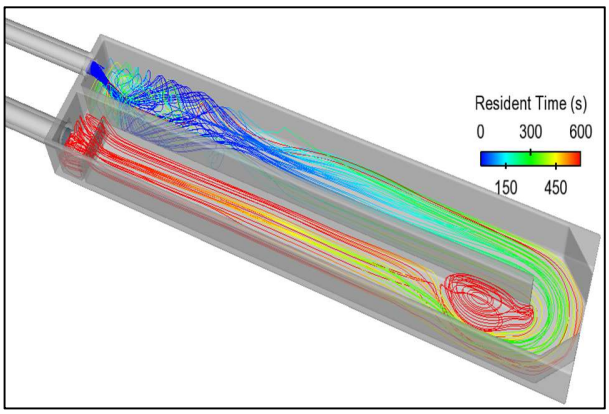
Catchment & River Management

Catchment Modelling and Sediment Impact Assessment for Chenderoh Lake

Catchment Modelling and Sediment Impact Assessment for Kenyir Lake



CFD Analysis for Chlorine Contact Tank, Singapore



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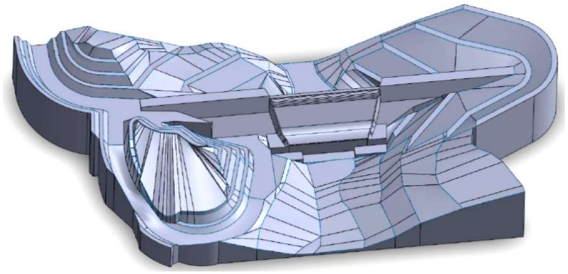
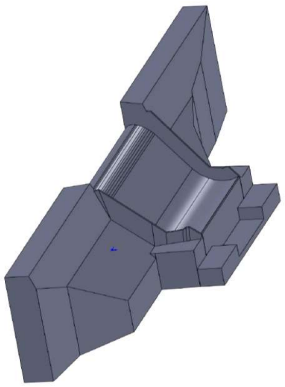
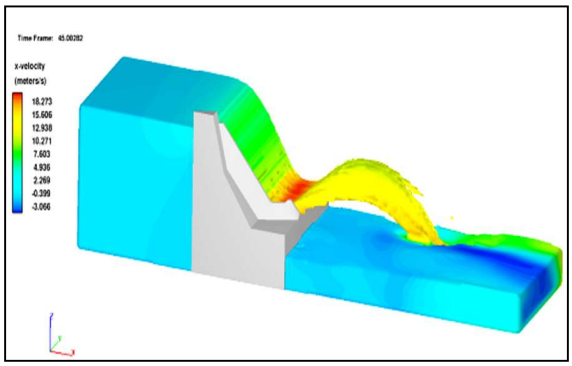
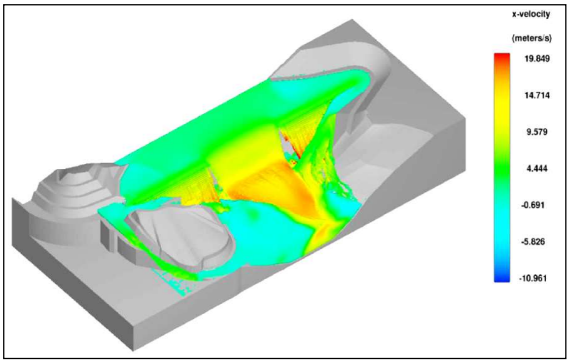
CFD Modelling

CFD Modelling of the Tekai Dam Spillway





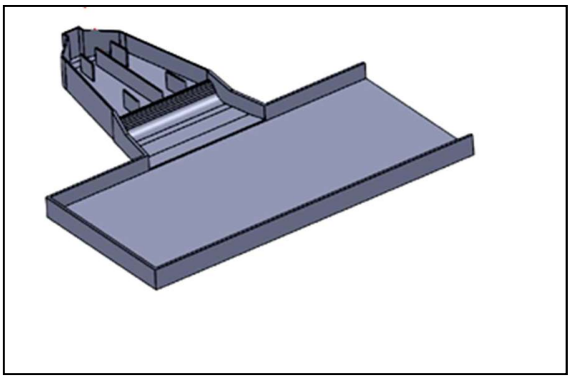




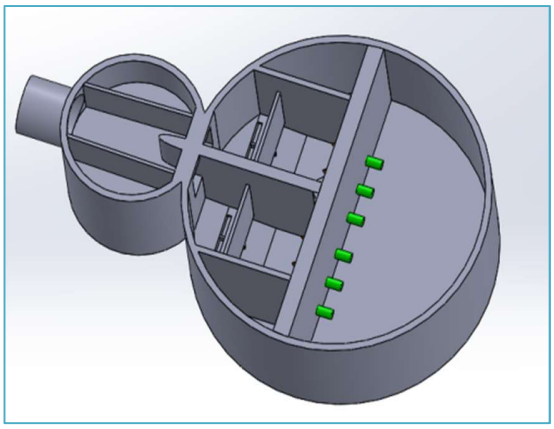
G&P Water & Maritime Signature Projects

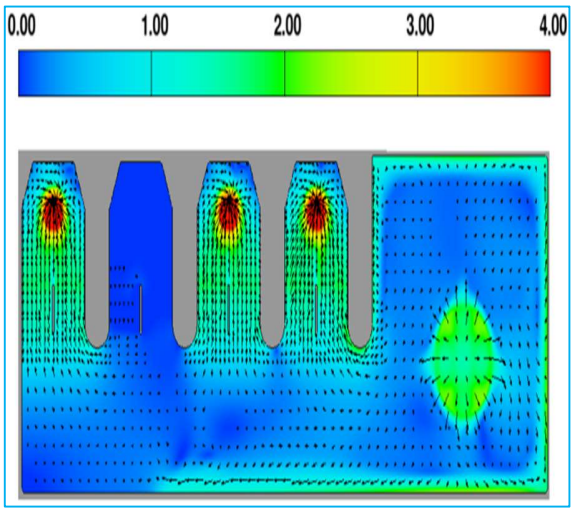
Physical Modelling

Physical & Computer Modeling Study to mitigate the Foam Formation at the Cooling Water Outfall of Power Stations, Port Dickson.



Model Study of Pump Sump of Mangere Pump Station, New Zealand





G&P Water & Maritime Signature Projects

Maritime Works

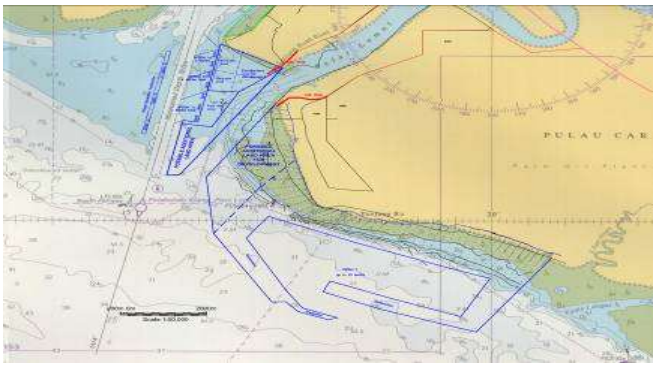
Engineering Review and Authorities Submission for Reclamation and Related Works for **609 Acres** for Melaka Gateway Development at Pulau Melaka, Melaka

Design Consultancy Services of **60 Acres** Reclamation and Associated Works For Penang World City (PWC) at Bayan Mutiara, Penang.

Design Consultancy Services of **29 Acres** Reclamation and Associated Works For Queensbay Waterfront, Penang.

Design Consultancy Services (Conceptual Design Stage) of **4,500 Acres** Reclamation and Associated Works at South of Penang Island, Penang

Design Consultancy Services (Conceptual Design Stage) of **3,300 Acres** Reclamation and Associated Works for Port Facilities Development in Selangor.



Design Consultancy Services of **1,005 Acres** Reclamation and Associated Works along Butterworth Shoreline, Penang.

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Maritime Works

Design Consultancy Services of **170 Acres** Reclamation and Associated Works For Mixed Development in Klebang, Melaka.

Design Consultancy Services (Feasibility Study Stage) of **400 Acres** (North) and **160 Acres** (South) Reclamation and Associated Works at Batu Maung, Penang

Design Consultancy Services of **9.4 Acres** (North) and **34 Acres** (South) Reclamation and Associated Works for City Meridien Development at Batu Maung, Penang.

Design Consultancy Services of **600m** Beach Enhancement Works for Pantai Kok Development in Langkawi, Kedah

Design Consultancy Services of Fishermen Wharf and Inner Marina for Teluk Burau Development in Langkawi, Kedah

Design Consultancy Services of Jetty Upgrading Works for **32,000DWT** semi-submersible heavy transport/product carriers at Lumut, Perak.

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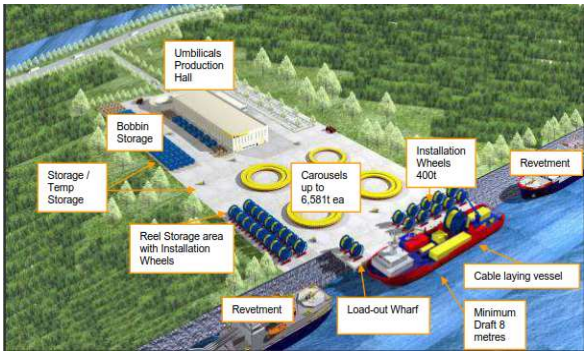
Maritime Works

Desk Top Review of Repair Works for Breasting Dolphin / Store Platform due to Ship Contact Damage, at LNG Berth 3, Bintulu, Sarawak

Design Consultancy Services (Feasibility Study Stage) of Geotechnical, Reclamation & Loadout Wharf for Umbilical Loadout Facility Site Options in Peninsular of Malaysia



Engineering Consultancy Services for **25,000MT** Load out Facility Phase 1 (Skid Track) for Malaysian Marine and Heavy Engineering (MMHE) in Pasir Gudang, Johor.

Peer Review on the Design of the Proposed Berthing Facilities Sebulu CPO Barge/Shipping Vessel Loading Terminal at Kalimantan, Indonesia.

Design Consultancy Services for Guide Piles for Jet-dock Systems at Kuala Terengganu and Sandakan, Malaysia.

Review and Authority Submission services for Phase 1A (onshore works) of 15MTPA Iron Ore Distribution Centre of M/S Vale at Teluk Rubiah, Lumut.

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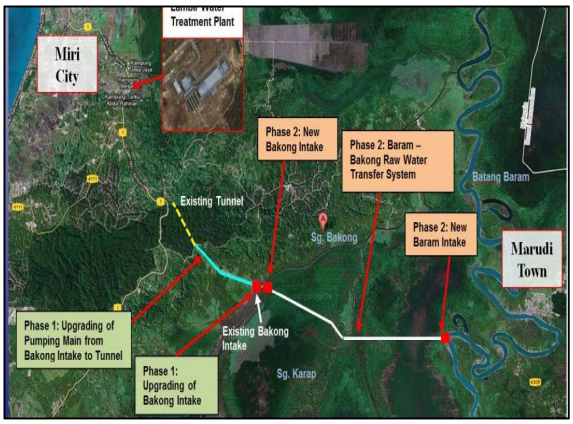
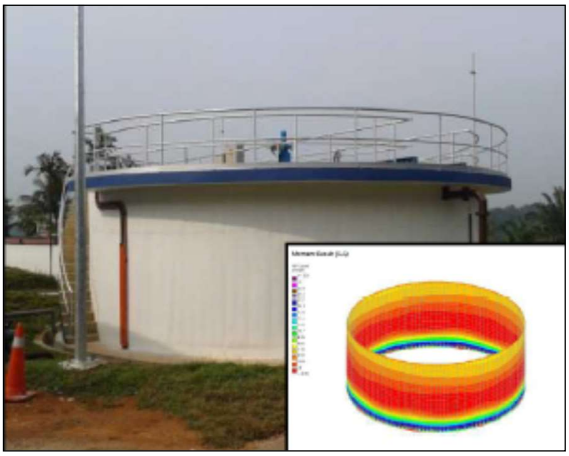
Water Supply, Treatment & Distribution

Design Review of Sg. Perak River Bank Filtration (RBF) Project

Detailed Design & Construction Supervision of Gemas Raw Water Intake and Bunded Storage

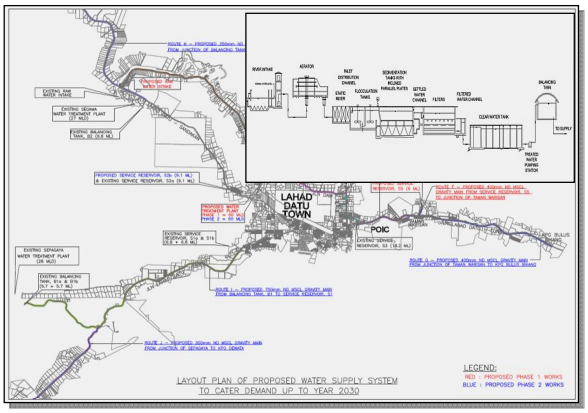


Detailed Design & Construction Supervision of Sg Sayong Sludge Treatment Facilities, Johor



Detailed Design of Intake, pipework and pumps for Miri Water Supply and & Source Development, Sarawak

Detailed Design of Lahad Datu Water Supply System, Sabah



Water Supply Demand and Distribution Study for Negeri Sembilan

G&P WATER & MARITIME SDN BHD (737630U)
23-4, JALAN TASIK SELATAN 3,
BANDAR TASIK SELATAN,
57000 KUALA LUMPUR
TEL: 603-9057 5310
FAX: 603-9057 5400
EMAIL: gnp-water@gnpgroup.com.my
WEB: www.gnpwater.com.my / www.gnpgroup.com.my