

MWSS INFRASTRUCTURE PROJECTS
Status as of November 2020

	Project	Funding	Yield (MLD)	Description	Implementation Period	Significant Dates	Status
1	<p>Sumag River Diversion Project Construction of tunnel that will be tapped to the existing Umiray-Transbasin main tunnel leading to Angat reservoir</p>	Concessionaires' CAPEX Project	188	New Source + Conveyance structures	NEW TARGET: -April 2022 – target project completion May 2022 – target operation of tunnel Sept 2022- target project completion	<p>Timeline Original : 15 Apr 2014 to 8 Oct 2015 (540 cd) @ P717.45M</p> <p>Jan 2016: Cease & Desist Order issued by LGU-Gen Nakar due to flashflood tragedy; TE #1: 4 July 2016</p> <p>21 Nov 2017- CDO was lifted but Prov Gov Suarez refuse to issue Quarry Permit</p> <p>TE #2: 1 Nov 2017 @ P1.669B</p>	<p>The Gratuitous Permit signed by Gov. Danilo Suarez was only received by the MWSS/ CPF last 23 July 2020.</p> <p>On-going preparatory works for the resumption of the Project.</p> <p>Physical Accomplishment: 71.28%</p>
2	<p>Angat Water Transmission Improvement Project (AWTIP) Construction of Tunnel # 4</p>	P 3.29B MWSS-ODA	1,642	Re-engineering works for the entire Ipo-La Mesa raw water transmission system	3 Nov 2016-07 Sept 2020 (46 mos)	<p>3 April 2020: Early and partial energization 06 July 2020: Full energization and operation</p>	The project was completed 3 mos ahead of target schedule.
3	<p>Ipo-Bigte Tunnel 5 Design and construction of a new tunnel including intake and outlet works</p>	Concessionaires' CAPEX Project P4.0 B				Bid submission: 3 Jan 2021	With ROW issues

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4	Pobacion Muntinlupa Water Treatment Plant	MWSI @P11.374 B				NTP: 21 Jan 2020 Original Timeline: 8 Nov 2022 Revised Projected: 21 May 2023	Accomplishment: Target: 2.27% (based on revised S-Curve); Actual 2.23% Secured 1.8 hectares titled lot and with Shoreline Development Clearance (SDC) from LLDA; Still needs SDC for untitled lots;														
5	Bigte Novaliches Aqueduct No.7 Design and construction of a 3.60 meters diameter x 15 km steel aqueduct to replace Aqueducts 1 and 2	MWSS ODA Loan from ADB US\$126.02 M	1,814		Jan 2021-Jan 2024	NEDA Board approval: 9 Oct 2019 ADB Loan effectivity date: 20 Nov 2020	Civil works: awarded to the Consortium of SHECB-BIDR-SXSU. <u>Construction Supervision Consultancy contract awarded to the DOHWA Engineering.</u>														
Short-Term Projects																					
1	Cavite NIA dams MMWTP	MWSI	27	Modular Mobile Water Treatment Plant (MMWTP)	Sept 2020-21		<table border="1"> <tr> <td rowspan="2">Package 1</td> <td>Julian PTP</td> <td>Feb-21</td> <td>MTP Delivery & Installation: 86%; Site Development: 100%; Pipelaying</td> </tr> <tr> <td>Anabu PTP</td> <td>Jun-21</td> <td>MTP Delivery & Installation: 46%; Site Development: 0%; Pipelaying: 0%</td> </tr> <tr> <td>Package 2</td> <td>Ligas PTP</td> <td></td> <td rowspan="2">Lot acquisition challenge</td> </tr> <tr> <td>Package 3</td> <td>Molino PTP</td> <td></td> </tr> </table>	Package 1	Julian PTP	Feb-21	MTP Delivery & Installation: 86%; Site Development: 100%; Pipelaying	Anabu PTP	Jun-21	MTP Delivery & Installation: 46%; Site Development: 0%; Pipelaying: 0%	Package 2	Ligas PTP		Lot acquisition challenge	Package 3	Molino PTP	
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2	Marikina River MMWTP	MWC	20			Completion Dates: WTP : 10 Nov 2020 Pumping Station, intake structures, Reservoir: 15 Nov 2020 Conveyance Structure: 22 Dec 2020																																											
3	Rizal Wellfield (26 deepwells)	MWC	50	Development of deepwells	2019-2021		Out of 13 to programmed in 2020, 8 are already operational. 13 other deepwells programmed in 2021 are on various stages of development.																																										
4	Wawa-Calawis Water Treatment Plant Raw Water Offtake Agreement between MWC and Wawa JV Co.	MWC	80	New Source + Conveyance + water treatment structures	2019-2022		<table border="1"> <thead> <tr> <th colspan="3">Phase 1 : P5.0 Billion</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>WTP</td> <td>on going bid evaluation</td> </tr> <tr> <td>2</td> <td>Access Road</td> <td>7% completed</td> </tr> <tr> <td>3</td> <td></td> <td>95.80% completed</td> </tr> <tr> <td>3B</td> <td>Pipelines</td> <td>45% completed</td> </tr> <tr> <td>3C</td> <td></td> <td>82.34% completed</td> </tr> <tr> <td>3D</td> <td>PS</td> <td>Procurement stage</td> </tr> <tr> <td>4</td> <td>PS/Reservoir</td> <td>Land acquisition works</td> </tr> <tr> <td>5A</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>Pipelines</td> <td>15% completed</td> </tr> <tr> <th colspan="3">Phase 2: P19.0 Billion</th> </tr> <tr> <td>1</td> <td>WTP</td> <td></td> </tr> <tr> <td>2</td> <td>Tunnel</td> <td>For reference design</td> </tr> <tr> <td>3</td> <td>Pipeline</td> <td></td> </tr> </tbody> </table>	Phase 1 : P5.0 Billion			1	WTP	on going bid evaluation	2	Access Road	7% completed	3		95.80% completed	3B	Pipelines	45% completed	3C		82.34% completed	3D	PS	Procurement stage	4	PS/Reservoir	Land acquisition works	5A			6	Pipelines	15% completed	Phase 2: P19.0 Billion			1	WTP		2	Tunnel	For reference design	3	Pipeline	
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Medium-Term

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			200		2023		On-going procurement of the design and build contractor.																																					
2	Bulacan Bulk Water Stage 3 Expansion of currently operational Stages 1 and 2. Stage 3a: Stage 3b : (2022-2024) - Augmentation supply to Stages 1 and 2 Stage 3c : (2026-2028) - Augmentation supply to Stage 3a	Luzon Clean Water Devt Corp		New source, water treatment plant and conveyance systems for Water Districts in Bulacan Province	Stage 3a: 2021-2023 New source, WTP, conveyance systems Stage 3b: 2022-2024 augmentation supply to Stages 1 and 2		Stage 3a Status: •MOA Signing: 16 January per Concession Agreement (CA) •Submission of Business Plan: 20 July per CA •Water Rights application was submitted as early as 2016-pending																																					
3	Ipo Dam 3 Construction of new impounding dam downstream of Ipo Dam 3	MWSS-	3456	Dam construction		NTP for Feasibility Study: 24 Jan - 19 Final FS Completed: 28 Dec 2020	For submission to NEDA ICC for project evaluation and endorsement																																					

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	Long-Term						
1	New Centennial Water Source – Kaliwa Dam <i>Design and construction of a 60 meters high dam w/ initial capacity of 600 MLD and 27.70 conveyance tunnel</i>	MWSS-ODA P12.8 B	600	New Source + Conveyance + water treatment structures	2020-2025	NEDA Board approval BOT Scheme: 29 May 2014. NEDA Board approval ODA Scheme: on 27 June 2017 NTP issued on 13 Nov 2019 ECC issued last 11 Oct 2019	Detailed Engineering Design (DED) Stage: Original: 13 Nov- 2019 to 13 May 2020 (6 mos) Revised: 13 Nov-2019 to 12 Dec 2020 (13.2 mos) Physical Accomplishment as of Nov 2020: Actual: 98%; Slippage: -6.4% Construction Period: 54 months Original: 14 May 2020 to 11 Nov-2024 Revised: 13 Dec 2020 to 13 June 2025 Needs satisfaction of ECC conditions prior to start of construction: (1) Certificate of Precondition on the FPIC process from NCIP; (2) DENR-PAMB Special Land Use Permit ; (3) Writ of Possession for 8 lots with expropriation cases filed
2	Long-term Water Source Development for MM <i>Ph1: Upper Kaliwa River</i> <i>Ph2: Kanan River</i>	MWSS-Unsolicited Proposal Ph 1: P14.4 B	250 550 3000	New Source	Ph 1: 2 years Ph 2: w/in 2 years	30 April 2020: Bd Resolution approving the PQ evaluation	15 December 2020- MWSS Sent letter to San Miguel Holdings Corporation requiring submission of documents as a condition for for the effectivity of the grant of Original Proponent Status.