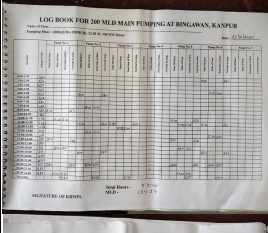
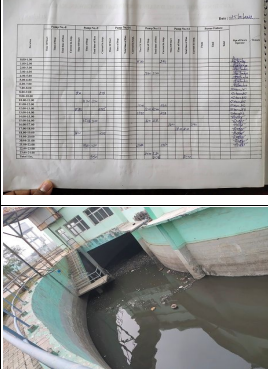





















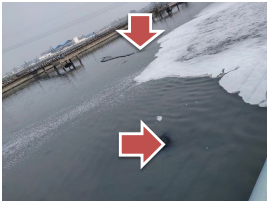








SITE INSPECTION REPORT FOR 210 MLD STP BINGAWAN					BINGAWAN STP - 210 MLD			<div>INSPECTED BY: UPJN Team 1) Mr. Gyanand Chaudhay (PM1) 2) Mr. Ajay Kanauja (Chemist) 3) Mr. Mahipal Singh (JE, E&M) 4) Mr. Ajit Singh (JE, Civil) STC Team: 1) Dr. Giridhar Prabhu Kr., (TL) 2) Mr. J.P. Tripathi, (O&M Expert) 3) Mr. Rohit Suman (Supp. Engr. Mech.)</div> <div>Date: 22.01.2022 25.01.2022 27.01.2022</div>
S. No.	Equipment	Assessment of Current Condition	Assessment of Current Condition photo	Corrective Action Required	Corrective Action Completed by KRMPL	Original Date of Issue	Proposed Date to Resolve by KRMPL	Current Status of Compliance
1	Bypass Sluice Gate							
2	Reverse flow	<div>1) In the zoom meeting held on 25.01.2022, UPJN & PE found that only 2 to 3 pumps were being operated by KRMPL during peak hours.</div> <div>2) When STC / UPJN team reached the site on 27.01.2022, we found that only 1 no. of pump was being operated by KRMPL at peak hours as there is power failure. Only one DG was found running and the 2nd DG was found in breakdown condition.</div> <div>3) Whole sewage backflow was observed because of only one pump being operated.</div>	<div></div> <div></div>	<div>At an average of 130 MLD flow (which is 62 % of the average design flow) is coming, therefore atleast 5 nos. of pumps are to be operated during peak flow & atleast 3 nos. pumps to be operated during non peak flow on regular basis in rotational way to tackle the problem of backflow/ reverse flow. In case the flow increase more than 130 MLD, more pumps needed to be operated.</div>		26-10-2021		<div>The plant is designed for an average flow of 210 MLD and a peak flow of 420 MLD and for that 8 working pumps are provided. So when the average flow is 130 MLD (i.e. 62% of designed flow) which means peak flow is 260 MLD, then 5 nos. (i.e. 62% of provided pumps as per design) of pumps to be operated at peak hours and 3 pumps to be operated at non-peak hours, which KRMPL is not following</div> <div>KRMPL Letter no. 2056 dated 30.12.2021 (for compliance to inspection carried on 26.11.2021 by PE) shows that KRMPL is not able to understand the logic which has clearly been explained above. Also KRMPL is mentioning peak flow as 200 MLD in his letter which is wrong. Peak flow for 130 MLD average flow, is 260 MLD.</div> <div>Also, till 11:00 am, KRMPL is operating only 2 to 3 pumps which clearly contradicting KRMPL letter's wordings.</div>
3	Sluice gates			Lubrication must be done on regular basis.				
4	Mechanical Coarse screen (No.01)	<div>1) When STC / UPJN team reached the site, it was found that the screen was only running but not functioning properly.</div> <div>2) Rake has not been properly aligned yet.</div> <div>4) No motor cover found on Mechanical Screen</div>		<div>1) Mechanical screen must be overhauled at earliest.</div> <div>2) Provide canopy on motor</div> <div>3) Provide numbering of screens in bold letters so that it can be seen from far positions.</div>		28-01-2020		<div>Long Pending</div> <div>Not rectified yet as indicated in KRMPL Letter no. 2056 dated 30.12.2021 for compliance to inspection carried on 26.11.2021 by PE.</div>
5	Mechanical Coarse screen (No.02)	<div>1) When STC / UPJN team reached the site, it was found that the screen was only running but not functioning properly.</div> <div>2) Rake has not been properly aligned yet.</div> <div>3) No motor cover found on Mechanical Screen</div>		<div>1) Mechanical screen must be overhauled at earliest.</div> <div>2) Provide numbering in bold letters so that it can be seen from far positions.</div>		03-02-2021	30.10.2021	<div>Long Pending</div> <div>Not rectified yet as indicated in KRMPL Letter no. 2056 dated 30.12.2021 for compliance to inspection carried on 26.11.2021 by PE.</div>
6	Manual bar Screen no.01	Operational		Regular cleaning must be done				
7	Manual bar Screen no.02	Operational		Regular cleaning must be done				
8	Coarse Screen Panel	Operational		<div>1) All Panel indicator need to be repaired/ replace</div> <div>2) Ammeter needs to be replaced.</div> <div>3) Separate connection for starting Mechanical screen must be provided.</div>		28-01-2020	15.11.2021	<div>Long Pending</div> <div>Not rectified yet as indicated in KRMPL Letter no. 2056 dated 30.12.2021 for compliance to inspection carried on 26.11.2021 by PE.</div>
9	Conveyor belt	<div>1) When STC / UPJN team reached the site, we found piles of debris which means KRMPL is not removing the debris on regular basis.</div> <div>2) Conveyor belt was not found properly aligned.</div> <div>3) Also no trolley for shifting debris was found at the required place.</div> <div>4) Animal was found near the debris.</div>		<div>1) Conveyor belt must be aligned properly so that complete debris can be removed.</div> <div>2) Debris disposal from the belt conveyor to be done regularly.</div> <div>3) Trolley must be provided every time and at the time of shifting debris, spare trolley also needs to be provided.</div> <div>4) Stray animals entry must be prohibited in plant.</div> <div>5) Motor canopy must be provided.</div>		26-10-2021		<div>Long Pending</div> <div>Not rectified yet as indicated in KRMPL Letter no. 2056 dated 30.12.2021 for compliance to inspection carried on 26.11.2021 by PE.</div>






10	Sluice Gate Slab	When STC / UP Jal Nigam team reached the site, the restored casting was again found damaged which means KRMPL is not doing casting work properly. Also no civil engineer was found available at site for supervision		1) Need to do restoration properly 2) Deploy Civil engineer for the supervision works.		26-10-2021		Long Pending
11	Main Pump House Sump	Filled With floating garbage. This situation is coming due to not operating the Mechanical coarse screens at inlet.		To take action immediately for cleaning and ensure this situation never repeats.		18.08.2021	30.11.2021	Long Pending
12	Cable tray	Cable tray was found rusted		Needs to be painted		18-08-2021		Long Pending
13	Butterfly Valve chamber (Civil work)	1) Finishing work is not completed yet. 2) Proper slab placing, finishing works etc found not completed. 3) Also the pipe for air valve was found bend.		1) To complete RCC finishing works at the earliest. 2) Proper slab placing work needs to be done at the earliest. 3) Painting and finishing works needs to be done 4) Air valve pipe must be fixed and air valve should be installed at the earliest.		01.04.2021	30.10.2021	Long Pending
14	Pump no.1	Operational						
15	Pump no.2	Operational						
16	Pump no.3	1) After 1.5 months of non-operational since 26.10.2021, it was made operational on 10.12.2021 2) Voltmeter not working		Voltmeter must be changed.		26-10-2021		Long Pending Voltmeter not rectified yet as indicated in KRMPL Letter no. 2056 dated 30.12.2021 for compliance to inspection carried on 26.11.2021 by PE.
17	Pump no.4	Non-Operational 1) Pump was found running but not pumping sewage. 2) Huge sound was heard coming from the pump		Need to be overhauled at earliest.		06.05.2021	30.11.2021. After above date, new date i.e., 31.01.2022 is provided.	Long Pending Not rectified yet as indicated in KRMPL Letter no. 2056 dated 30.12.2021 for compliance to inspection carried on 26.11.2021 by PE.
18	Pump no.5	Operational Voltmeter not working		Voltmeter must be changed.		26-10-2021		Long Pending
19	Pump no.6	Operational						
20	Pump no.7	Non-Operational Voltmeter not working		1) Needs to be rectified. 2) Voltmeter must be replaced.		21.01.2022 26.11.2021		Long Pending Voltmeter not rectified yet as indicated in KRMPL Letter no. 2056 dated 30.12.2021 for compliance to inspection carried on 26.11.2021 by PE.
21	Pump no.8	Non Operational		Need to be overhauled at earliest.		28.07.2021	30.10.2021	Long Pending Not rectified yet as indicated in KRMPL Letter no. 2056 dated 30.12.2021 for compliance to inspection carried on 26.11.2021 by PE. False and misleading information is being provided by KRMPL.
22	Pump no.9	After 3 months of non-operational since 25.08.2021, it was made operational on 30.11.2021		Leakages from the Impeller must be fixed.		25.08.2021		Pending
23	Pump no.10	Operational Uneven sound was heard coming from the pump		1) Leakages from the Impeller must be fixed 2) Sounding issue must be rectified at the earliest.		26-10-2021		Pending
24	Pump no.11	Operational Uneven sound was heard coming from the pump		1) Leakages from the Impeller must be fixed 2) Sounding issue must be rectified at the earliest.		26-10-2021		Pending





25	Pump no.12	Operational 1) Voltmeter not working. 2) Heavy leakage was found from the gate valve & pump impeller.		1) Voltmeter must be replaced at the earliest. 2) Leakages from the gate valve & Impeller must be fixed.		26.11.2021		Long Pending Voltmeter not rectified yet as indicated in KRMPIL Letter no. 2056 dated 30.12.2021 for compliance to inspection carried on 26.11.2021 by PE.
26	Pump Logbooks			Non-operational pumps should be marked as non-operational.		26.11.2021		
27	Inlet Flow Meters	Non Operational		Flow meter need to be fixed at the earliest		28.01.2020		Long Pending As per Article 8 of CA, it should be installed by the concessionaire. SO the statement in KRMPIL Letter no. 2056 dated 30.12.2021 for compliance to inspection carried on 26.11.2021 by PE., is not accepted
28	Level Sensor of MPS Sump	1) Calibration certificate not submitted yet. 2) KRMPIL is not recording / noting hourly reading of Sump level.		1) Must be calibrated at the earliest and calibration report should be submitted at the earliest. 2) Proper recording of sump level must be maintained on hourly basis per day in a register.		26-10-2021	30.01.2022	Long Pending
29	Mechanical Fine screen no.01	When STC / UP Jal Nigam team reached the site, we found that the screen is not functioning properly. None of the disposal material is getting removed by the screen and also sewage level in upstream is higher than that of the level at downstream. Screen bars are choked with disposal materials.		Must be Overhauled at the earliest		28/1/2020	15.11.2021, Next date given is 31.01.2022	LONG PENDING
30	Mechanical Fine screen no.02	When STC / UP Jal Nigam team reached the site, we found that the screen is not functioning properly. None of the disposal material is getting removed by the screen and also sewage level in upstream is higher than that of the level at downstream. Screen bars are choked with disposal materials.		Must be Overhauled at the earliest		26-10-2021	31.01.2022	LONG PENDING
31	Mechanical Fine screen no.03	Non Operational		Must be rectified at the earliest		26-10-2021	31.01.2022	LONG PENDING
32	Mechanical Fine Screen Panel	Various indicators not working.		1) Panel indicators need to be repaired/ replace. 2) Cable tray need to be painted.		28-01-2020		LONG PENDING Only door fixed and rest not rectified yet as indicated in KRMPIL Letter no. 2056 dated 30.12.2021 for compliance to inspection carried on 26.11.2021 by PE.
33	Conveyor belt	Operational						
34	Manual Screen no. 1 & 2			Regular cleaning of manual screens must be done.				
35	Sluice Gates							
36	Bio remediation			Bucket needs to be cleaned on regular basis.				
37	Grit removal mechanism-Detritor no.01 Main drive, Classifier drive, Organic pump	1) Very less quantity of grit was being removed by the grit classifier. 2) After 3.5 months of non-operation since 25.08.2021, Organic return pump was made operational on 11.12.2021. 3) No canopy found on motors of equipments.		1) Proper alignment work of grit classifier must be done at earliest. 2) Canopy must be provided on all motors. 3) Proper marking in bold must be done so that it can be seen from far position also.		25.08.2021	2) 28.02.2022	LONG PENDING Not rectified yet as indicated in KRMPIL Letter no. 2056 dated 30.12.2021 for compliance to inspection carried on 26.11.2021 by PE.
38	Grit removal mechanism-Detritor no.02 Main drive, Classifier drive, Organic pump	Operational Very less quantity of grit is being removed by the grit classifier.		1) Proper alignment work of grit classifier must be done at earliest. 2) Canopy must be provided on all motors. 3) Proper marking in bold must be done so that it can be seen from far position also.		25.08.2021	2) 28.02.2022	LONG PENDING Not rectified yet as indicated in KRMPIL Letter no. 2056 dated 30.12.2021 for compliance to inspection carried on 26.11.2021 by PE.
39	Grit removal mechanism-Detritor no.03 Main drive, Classifier drive, Organic pump	Operational Less quantity of grit was being removed by the grit classifier.		1) Proper alignment work of grit classifier must be done at earliest. 2) Canopy must be provided on all motors. 3) Proper marking in bold must be done so that it can be seen from far position also. 4) Grit disposal tray must be cleaned.		26-10-2021	2) 28.02.2022	LONG PENDING Not rectified yet as indicated in KRMPIL Letter no. 2056 dated 30.12.2021 for compliance to inspection carried on 26.11.2021 by PE.
40	Grit removal mechanism-Detritor no.04 Main drive, Classifier drive, Organic pump	Operational After 1.5 months of non-operation since 26.10.2021, Organic return pump was made operational on 11.12.2021.		1) Canopy must be provided on all motors. 2) Proper naming in bold must be done so that it can be seen from far position also. 3) Grit disposal tray must be cleaned.		26-10-2021	1) 28.02.2022 2) 31.01.2022	LONG PENDING

41	External Lights on PTU	Out of 23 lights, 15 are not working		Must be replaced at earliest		26-10-2021	20.01.2022	LONG PENDING
42	Parshall Flume	No ultrasonic level sensor and no scale were found at site		1) Level sensor must be installed at earliest. 2) Scale & chart for flow measurement must be fixed at earliest.		Since Handover 08-07-2019	2) 15.01.2022	LONG PENDING
43	Grit Disposal Area	Not removing grits and disposals are creating pollution & unhygienic environmental condition		Trolley at every location need to be provided for collection of Grit from chutes every time as directed by NMCG team and PE also. This point till date not complied by KRMPL. PCC need to be done as required for this area and required drain also needs to be provided.		26-10-2021	30.10.2021	LONG PENDING
44	UASB Reactor- no.1	Cleaned and filled but sludge blanket not formed		Reactivation of the UASB reactor required		23-01-2021	-	
45	UASB Reactor- no.2	Cleaned and filled but sludge blanket not formed		Reactivation of the UASB reactor required	-	21-04-2021	-	
46	UASB Reactor- no.3	Cleaned and filled but sludge blanket not formed		Reactivation of the UASB reactor required		20-08-2020		
47	UASB Reactor- no.4	Cleaned and filled but sludge blanket not formed		Reactivation of the UASB reactor required		23-01-2021		
48	UASB Reactor- no.5	Cleaned and filled but sludge blanket not formed		1) Reactivation of the UASB reactor required 2) Need to replace ball valves		15-03-2021		LONG PENDING
49	UASB Reactor- no.6	1) KRMPL had requested for inspection of reactor no. 6 and STC officials have inspected the reactor on 08.01.2022 and recommended for charging on conditional basis. 2) After around 12 months of non-functional since 28.01.2021, it was cleaned and recommended for charging on 10.01.2022		Reactivation of UASB reactor required		10.01.2022		
50	UASB Reactor- no.7	Operated but filled with sludge Overflow was being observed from feed boxes at various places which means the pipes are choked with sludge.		NMCG has directed KRMPL to deploy more team for cleaning of UASB reactors to complete the process with in 3 to 4 week for each reactor.		28.01.2020		LONG PENDING
51	UASB Reactor- no.8	Cleaned and filled but sludge blanket not formed		Reactivation of UASB reactor required		23-01-2021	-	
52	UASB Reactor- no.9	After around 22.5 months of non-functional since 28.01.2020, it was cleaned and charged with sewage on 04.12.2021 Cleaned and filled but sludge blanket not formed		Reactivation of UASB reactor required		04.12.2021		PENDING
53	UASB Reactor- no.10	1) KRMPL had requested for inspection of reactor no. 10 and STC along with UPJN has inspected the reactor on 16.12.2021 and recommended for charging on conditional basis. 2) After around 22.5 months of non-functional since 28.01.2020, it was cleaned and recommended for charging on 17.12.2021		Reactivation of UASB reactor required		16.12.2021		PENDING
54	UASB Reactor- no.11	Under Maintenance		NMCG has directed KRMPL to deploy more team for cleaning of UASB reactors to complete the process with in 3 to 4 week for each reactor.		28.01.2020	31.01.2022	LONG PENDING
55	UASB Reactor- no.12	1) After about 22 months (since 28.01.2020) of non operational, it was cleaned on 08.11.2021. 2) Filled but sludge blanket not formed		Reactivation of the UASB reactor required.		26.11.2021		LONG PENDING
56	UASB Reactor- no.13	Operated but filled with sludge		NMCG has directed KRMPL to deploy more team for cleaning of UASB reactors to complete the process with in 3 to 4 week for each reactor.		28.01.2020	31.03.2022	LONG PENDING

57	UASB Reactor-no.14	Under Maintenance since Nov. 2021		NMCG has directed KRMPL to deploy more team for cleaning of UASB reactors to complete the process with in 3 to 4 week for each reactor.	28.01.2020	28.02.2022	LONG PENDING
58	UASB Reactor-no.15	Under Maintenance since 03.01.2022		NMCG has directed KRMPL to deploy more team for cleaning of UASB reactors to complete the process with in 3 to 4 week for each reactor.	28.01.2020	31.03.2022	LONG PENDING
59	UASB Reactor-no.16	Under Maintenance		NMCG has directed KRMPL to deploy more team for cleaning of UASB reactors to complete the process with in 3 to 4 week for each reactor.	28.01.2020	15.03.2022	LONG PENDING
60	Sampling Chamber	When STC / UPJN team reached the site, it was found that the sampling chambers beside reactors were filled with sewage/ water and many sampling points were packed with concrete.		1) All Sampling chambers must be cleaned at the earliest. 2) Sampling points must be cleaned and valves to the point needs to be fixed.	26.11.2021		LONG PENDING
61	HT Cable	HT Cable line from grit to the transformer near aerators is non functional		Needs to be rectified and connected with the transformers (near aerators) at the earliest.	Since Sept. 2021		LONG PENDING
62	Aerator no.01	Operational					
63	Aerator no.02	Operational					
64	Aerator no.03	Operational					
65	Aerator no.04	Operational					
66	Aerator no.05	Operational					
67	Aerator no.06	Operational					
68	Aerator no. 07	Non-Operational		Needs to be rectified.	21.01.2022		
69	Aerator no. 08	Operational					
70	Aerator no. 09	Operational					
71	Aerator no. 10	Non Operational		Need to be rectified at the earliest.	26.11.2021		Pending
72	Aerator no. 11	Operational					
73	Aerator no. 12	Operational					
74	Aerator no. 13	Operational After about 2 months (since 23.09.2021) of non operational, it was made operational on 26.11.2021. Stray animals were found inside the plant.		Animal entry must be prohibited inside the plant.	26.11.2021		
75	Aerator no. 14	Operational					
76	Aerator no. 15	Non-Operational		Need to be rectified at the earliest.	29.01.2022		
77	Aerator no. 16	Operational After around 1.5 months of non-operational since 05.12.2021, it has been rectified on 23.01.2022		Need to be rectified at the earliest.	05.12.2021		
78	Aerator no. 17	Operational					
79	Aerator no. 18	Operational					
80	Aerators earthing	All aerators earthing work found not available		All aerators earthing strip connection must be done at the earliest.	22.01.2022		
81	Aeration Lagoon no. 1	1) When STC / UPJN team reached the site, a joint depth measurement for aeration lagoon no. 1 was done at three different points, and sludge was found at an average depth of 0.6m below the top water level, which means 3.4 m approx. sludge is present inside aeration lagoon no. 1 at corners. 2) At the time of visit, no desludging work was found. 3) At the middle portions of the lagoon, sludge was seen above the top water levels also with clearly indicates that the lagoon is completely filled with sludge.		Desludging needs to be done on immediate basis.	26.11.2021	15.01.2022	Long Pending
82	Aeration Lagoon no. 2	Filled with sludge		Desludging needs to be done on immediate basis.	18.08.2021		Long Pending
83	RSP pump no. 1	Non Operational		Needs to be rectified at the earliest	20.01.2022		
84	RSP pump no. 2	Operational					

85	RSP pump no. 3	Operational						
Belt Filter Press Unit								
86	Poly dosing pump No.1	Operational						
87	Poly dosing pump No.2	Operational						
88	Poly dosing pump No.3	Non Operational		Need to be replaced		07.10.2021	30.10.2021 . Next date given 15.02.2022	LONG PENDING
89	Service water pump No.1 (For BFP)	Operational						
90	Service water pump No.2 (For BFP)	Non Operational		Need to be replaced		Since Handover 08-07-2019	15.11.2021 . Next date given 28.02.2022	LONG PENDING
91	Belt filter Press No.1	Non Operational 1) Discharge sludge box was found totally rusted and damaged. 2) EOT/ HOT was found missing.		1) Needs to be overhauled at the earliest. 2) Need to be required lubrication on daily basis 3) Panel door, ammeter, voltmeter, limit switch need to be repaired. 4) Cable tray need to be painted. 5) BFP panel no. 1 buzzer need to be replace. 6) Discharge sludge box must be replaced. 7) EOT/ HOT must be provided in the building		23-09-2021	30.11.2021 . Next date given 31.01.2022	LONG PENDING Not rectified yet as indicated in KRMPL Letter no. 2056 dated 30.12.2021 for compliance to inspection carried on 26.11.2021 by PE.
92	Belt filter Press No.2	Operational Discharge sludge box was found totally rusted and damaged.		1) Need to be required lubrication on daily basis 2) Panel door, ammeter, voltmeter, limit switch need to be repaired. 3) Cable tray need to be painted. 4) Discharge sludge box must be replaced.		23-09-2021	30.11.2021 Next date given 31.01.2022	LONG PENDING Not rectified yet as indicated in KRMPL Letter no. 2056 dated 30.12.2021 for compliance to inspection carried on 26.11.2021 by PE.
93	Belt filter Press No.3	Operational Discharge sludge box was found totally rusted and damaged.		1) Need to be required lubrication on daily basis 2) Panel door, ammeter, voltmeter, limit switch need to be repaired. 3)Cable tray need to be painted. 4) Discharge sludge box must be replaced.		23-09-2021	30.11.2021 Next date given 31.01.2022	LONG PENDING Not rectified yet as indicated in KRMPL Letter no. 2056 dated 30.12.2021 for compliance to inspection carried on 26.11.2021 by PE.
94	Tractor Trolley							
95	Filtrate pump no. 1	Non-Operational		Need to be overhauled at the earliest		10.12.2021		Long Pending A temporary pump is being installed for temporary operation.
96	Filtrate pump no. 2	Non-Operational		Need to be overhauled at the earliest		10.12.2021		
Chlorination Area								
97	Booster Pump No.1	Operational Leakage found from the Impeler		Leakages must be fixed at the earliest		26.11.2021		Pending
98	Booster Pump No.2	Operational						
		1) The missing tonners were finally brought at site on 11.12.2021 which were missing after handover dated 08.07.2019. 2) Only 1 no. chlorine tonner is connected for discharge chlorine line & 2 no. tonner was found filled and rest were found empty. 3) Chlorine dosing was not found appropriate 4) One foundation of Tonner was found totally damaged. 5) Chlorine dosing record entry was found totally wrong. 6) Chlorinator no. 1 was found not working.		1) Arrange Chlorine stock for one week at least. 2) Take license for storing chlorine. 3) Dose proper amount of chlorine. Chlorine dosing to be calculated to control fecal coliform within limit and accordingly chlorine dosing should be adjusted. 4) Do the restoration work of the damaged foundation. 5) Chlorine dosing record entry must be done by measuring the weight of tonner. 6) Chlorinator no. 1 must be rectified at the earliest.		16.12.2021	2) 31.03.2022	Long Pending

99	Chlorine Tonners (Total 20 Nos)	<p>1) Vacuum box no. 1 is not available. 2) Gas line is not clear. 3) PG is non-functional</p>		<p>1) Vacuum box no. 1 must be fixed at the earliest. 2) Gas line must be cleaned. 3) Pressure Gauge must be replaced.</p>		22.01.2022		
100	Gas Holder No.01	<p>Non Operational When UPJN & STC officials visited site, non of KRMPPL technical personnel were present at site to assist and elaborate the defects and get the gas holder alignment checked by UPJN & STC officials.</p>		<p>1) Gas level indicaor is missing . 2) Pressure guage shall be install 3) Gas holder alignment must get inspected by UPJN & STC.</p>		28-01-2020		LONG PENDING
101	Gas Holder No.02	<p>Operational</p>		<p>1) Gas level indicaor is missing. 2) Pressure guage shall be install.</p>				PENDING
102	Gas Blower	<p>Non Operational 1) At the time of visit, blower was found not working. 2) Leakage was observed through the gas valves etc. 3) Various Nut-bolts were found missing. 4) MCB box was found lying on mud. 5) Blower chamber was found filled with mud. 6) No Cover/ Canopy was found over blower.</p>		<p>1) Need to be rectified at the earliest. 2) Leakage must be fixed. 3) Missing nut-bolts must be installed. 4) On Site panel box must be installed. 5) Blower Chamber must be cleaned. 6) Canopy/ Cover must be provided</p>		26.11.2021		LONG PENDING
103	Gas scrubber Unit	<p>Non Operational When UPJN & STC officials visited site, blower was found not working because of which inspection of scrubber is not possible.</p>		<p>Need to be repair/replace</p>		28.01.2020		<p>LONG PENDING False comments was made in KRMPPL Letter no. 2056 dated 30.12.2021 for compliance to inspection carried on 26.11.2021 by PE. Non of the KRMPPL personal including the plant incharge informed us about the rectification of this unit. Every time upon asking by UPJN & PE officials, the site incharge told us that the work of scrubber is in progress and the site incharge also told that it will be intimated to UPJN & PE officials after completion of the work. Hence false information is being circulated by KRMPPL representatives.</p>
104	Gas Flaring Unit at DG yard	<p>Non Operational Auto ignition system of the gas flaring system is not working and it is being temporarily ignited manually which is not a good practice and the way in which KRMPPL personal is igniting is a serious safety issue.</p>		<p>Need to be repaired and painted immediately.</p>		28-01-2020		<p>LONG PENDING False comments was made in KRMPPL Letter no. 2056 dated 30.12.2021 for compliance to inspection carried on 26.11.2021 by PE.</p>
105	DFG no. 1	<p>Non-Operational</p>		<p>Need to be rectified at the earliest</p>		16.12.2021		PENDING
106	DFG no. 2	<p>Operational</p>		<p>Need to be painted</p>		23-09-2021		PENDING
107	House Keeping			<p>House keeping work of the plant needs to be done regularly.</p>		26.10.2021		

108	Leakage at Civil Unit	leakage		Need to be repair	28.01.2020	15.01.2022	LONG PENDING
109	Log Boogs/ Registers			All Log books / registers (i.e. Operation log book of each equipment / process units, DG log book, collection sump level transmitter log book, maintenance register, In/out material register, first aid register, attendance register, visit register etc) must be maintained daily and should be available at site all the time.	26-10-2021		PENDING
110	Internal Road Restoration	Internal roads were found damaged at various places		Internal road restoration must be started at earliest and should be done on phased manner.	26-10-2021	31.01.2022	LONG PENDING
111	Marking Equipments			Each equipments of every units must be marked (like 1st, 2nd etc) in bold letters.	26-10-2021	28.02.2022	LONG PENDING
112	Laboratory	<p>1) KRMPL lab testing results are not matching with other agency's testing report.</p> <p>2) In the last inspection carried out by STC on 26.10.2021, no date wise base data was found, so it was instructed to KRMPL to maintain date wise base data record. Now upon asking to show the base data in the inspection carried on 26.11.2021, KRMPL has provided the base data from 01.10.2021, which means back data (from 01.10.2021 to 26.10.2021) had been documented and falsely produced.</p> <p>3) From, 06.12.2021 BOD test was being carried out for 5 days at Bingawan facilities.</p> <p>4) It was found that on one day, fecal coliform test are completed in 24 hrs whereas on other days they are taking 2 to 3 days for its completion.</p>		<p>1) KRMPL lab testing results are not matching with other agency's testing report. KRMPL must do the testings properly as per standard operating procedure as per CA / CPHEEO manual.</p> <p>2) Lab. Chemist has to maintain date wise base data of all the testings done and must not provide any false data.</p> <p>3) BOD test must be carried out as per standard operating procedure as per CA / CPHEEO manual.</p> <p>4) There is an inconsistency in faecal coliform test. Kindly follow the standard operating procedure as per CA / CPHEEO manual.</p>	26.10.2021		LONG PENDING
113	MS structures, Hand railings in whole plant, MS staires	Various MS Structures, MS staires and all the hand rails on UASB reactors etc were found totally rusted		Needs to be painted	26.11.2021 (Since long back)		Long Pending
114	Sludge Disposal	<p>When STC / UP Jal Nigam team reached the site, we found the sludge was being disposed beside BFP building and various other locations on the ground without any permission.</p> <p>As instructed by ED (Technical) on 08.10.2021 that sludge disposal is to be done as per norms of UPPCB.</p> <p>UPPCB vide their letter no. 1386/5-658/21 dated 04.12.2021 also instructed KRMPL to dispose the sludge as per the norms but still sludge is being disposed on the ground at an inappropriate place.</p>		Sludge disposal must be done as per UPPCB norms.	01.12.2021		LONG PENDING
115	Final Polishing Unit 1 & 2	When UPJN & STC officials reached the site, it was found that FPU lagoons are completely filled with sludge		Desludging needs to be done on immediate basis.	22.01.2022 (Since long back)		LONG PENDING
116	Internal Lights, Exhaust fans etc. of Panel rooms	Various lights and exhaust fans inside various panel rooms were found not in working condition		Various lights and exhaust fans must be rectified / replaced at the earliest.	22.01.2022		
117	Plant External Lights	43 lights out of approx. 120 lights were non-functional which had already been informed on 28.01.2020		Defective lights needs to be replaced at the earliest.	28.01.2020		LONG PENDING

118	Power connection through Bingawan Plant	When UPJN & STC officials visited site, a tempraray power line from Panel room (near aeration tank) to UPJN SWEZ plant was found.		This temporary connection needs to be removed.		27.01.2022		
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