





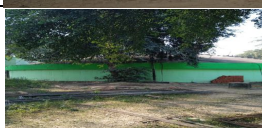


SITE INSPECTION REPORT				Approx 150 - 155 MGD	25.05.2023	PROJECT COORDINATOR 1. Raju (Jr) (Jr) (Jr) 2. Mr. A. A. Sati, Team leader (Jr) (Jr) Karapur 3. Mr. Anil Deshpande, Support Engg. - Civil STC 4. Mr. Rahul, Support Engineer - STC Karapur 5. Mr. Krishna (Plant Incharge)		
No.	Equipment	Operational / Current Condition	Assessment of Current Condition Photo	Current defects and Corrective Action Suggested by STC, PE	Corrective Action	Signature of Engineer	Proposed Date to be completed	Current Status of Compliance
A	Collection Chamber			1. All gates to be repaired. 2. Sweeping work of front board of this chamber found very poor this must be repaired. 3. Renovation to be completed without getting approval, painting & commissioning. 4. The guard to be Provide in hand railing. 5. TMS, marking would be done with paint.			27.11.2023	Pending
1	Inlet Chamber (2x6)	Operational		1. Belling and its foundation needs to be repaired. 2. Reinforced apron work found required. 3. Sweeping work of inlet chamber chamber need to be done properly. 4. The guard to be Provide in hand railing. 5. HRP coating done in hand railing.			27.11.2023	Pending
2	Gates/Valves and Covering Board	Need Overhauling / Replacement		1. Gate may be motorized if possible 2. Hand railing required 3. Level transmitter to be replace 4. Shaft to be replace 5. TMS, marking done with paint.			27.11.2023	Pending
3	Flow Screen Chamber (Mechanical / Manual)							
4	Screen Chamber (2x6)	Need Renovation		1. Screen chamber work found not properly. 2. For Hanger that Passes from better places, clothes must be removed from both corners of Screen Chamber regularly. 3. Need to be replaced the gate. 4. Proper lighting need to be provided at Screen area. 5. Level water should be properly clear and marking should be clearly visible. 6. MCB Collection equipment & cable along with MCB Shed also connected & boxes to strength. 7. In MCB shed pipes are corroded & Colour of shed also worn out. 8. Mechanical Screen not working with auto system and without sensor. Need to be fixed the auto system immediately. 9. New 9 Cables should be laid properly in cable trays. 10. HRP coating done in Hand railing, screen channel area. 11. Maximum gap in bar screen should be 50.			27.11.2023	Pending
5	Mechanical Fine Screen no. 1	Operational		1. Mechanical Fine Screen are need to be installed as per approved drawing. 2. Screen enclosure/insulation work is not verified by STC. 3. Mechanical Screen not working with auto system and without sensor. need to be fixed the auto system immediately. 4. Procedure of screens have not been submitted by KRMPL. 5. Without getting approval for shut down and changing the flow reverse for the same work. KRMPL has not been submitted any approval. 6. Cable drawing not done properly. 7. Screen motor cable gland are not fixed.			27.11.2023	Pending
6	Mechanical Fine Screen no. 2	Under Maintenance		1. Mechanical screen of both are damaged. KRMPL has not been required. 2. Screen needs to be clean periodically depends on the sewage. 3. Mechanical Screen not working with auto system and without sensor. Need to be fixed the auto system immediately. 4. New Cables should be laid properly in cable trays. 5. Screen panel sensor screen not fixed.			27.11.2023	Pending
7	Mechanical Fine Screen no. 3	operated		1. Mechanical Fine Screen are need to be installed as per approved drawing. 2. Screen enclosure/insulation work is not verified by STC. 3. Mechanical Screen not working with auto system and without sensor. need to be fixed the auto system immediately. 4. Procedure of screens have not been submitted by KRMPL. 5. Mechanical screen of both are damaged. KRMPL has not been required.			27.11.2023	Pending
8	Manual Screen no. 1	Under installation		1. KRMPL has been installed manual screen. 2. KRMPL has to anchor frame. KRMPL provide according to SC156/SC154 anchor foundation.			27.11.2023	Pending
9	Grit Chamber							
10	Grit Chamber	Structure Civil work done and Mechanical work will start accordingly		1. Repairing of Grit chamber done as per schedule. 2. Construction is completed to fill the water for hydraulic work on Grit Chamber OS. 3. Renovation in screen conveyor channel is pending. 4. Foundation of this chamber should be renovated.			27.11.2023	Pending
11	Grit Mechanism-1	Operational		1. Renovation work found satisfactory. 2. Grit pump need to be installed as per approved drawing. 3. Cable need to be laid at Cable tray as per approved drawing. 4. LPMS need to be installed as per approved drawing. 5. MCB collection gear box, 6. KRMPL need to be fix it. 6. HRP coating not working. 7. HRP, marking would be done with paint. 8. HRP not operational.			27.11.2023	Pending
12	Grit Mechanism-2	Operational		1. Renovation work found satisfactory. 2. Grit pump need to be installed as per approved drawing. 3. Cable need to be laid at Cable tray as per approved drawing. 4. LPMS need to be installed as per approved drawing. 5. Torque switches installation done without canopy at all equipment. 6. Hoister is fixed on railing with temporary cable tie, which is not proper and unsustainable. 7. Power supply is given to torque switch & associated equipment from temporary MCB. Permanent supply to be provided.			27.11.2023	Pending
13	Grit Mechanism-3	Operational		1. Repairing of Grit chamber done as per schedule. 2. Construction is completed to fill the water for hydraulic work on Grit Chamber OS. 3. Renovation in screen conveyor channel is pending. 4. Grit Mechanism No. 3 torque switch was not in working condition. 5. Cable drawing not done properly. 6. Torque need to be provide in hand railing.			27.11.2023	Pending
14	Grit Classifier-1	operational		1. PM work should be done as per schedule. 2. Grit Classifier alignment has not been done by KRMPL as per approved drawing. 3. LPMS need to be installed work is pending.			27.11.2023	Pending
15	Grit Classifier-2	Not Proper operational		1. Need to be repair immediately and to be replace as per the CA. 2. Grit Classifier alignment has not been done by KRMPL as per approved drawing. 3. Grit pump need to be replaced as per approved drawing. 4. LPMS need to be installed work is pending. 5. Not doing the right.			27.11.2023	Pending
16	Grit Classifier-3	Operational		1. Repairing of Grit chamber done as per schedule. 2. Construction is completed to fill the water for hydraulic work on Grit Chamber OS. 3. Lifting gear with water. 4. LPMS need to be installed work is pending.			27.11.2023	Pending
17	Overflow Baffle and Flow meter							
18	Overflow Baffle and Flow Channel (2x6)	Structure renovation work done		1. Channel renovation work done but lightness of this channel is pending. 2. Painting procedure has been submitted by KRMPL. 3. Level scale need to be installed for proper flow measurement.			27.11.2023	Long Pending
							27.11.2023	Pending

	Treated Effluent Pump House			<p>1. New Treated effluent pump house has already been proposed in CA and needs to keep this pump house in working condition till the renovation period.</p> <p>2. Civil Drawing of pump house foundation not submitted by WWS for Renovation work.</p> <p>3. Out of 12 pumps only 4 Nos pump has been working at site and 4,5,6,7 & Nos. Pump are not in working condition.</p>	27.11.2021			Long Pending
68	Treated Effluent pump (Civil)	Structure is in damaged.		<p>1. New TSPH cum Sump has already been proposed in CA and needs to keep this sump in working condition till the renovation period.</p>	27.11.2021			Long Pending
69	Treated Effluent Pump House (Civil)	Structure is in bad condition.		<p>2. New TSPH cum Sump has already been proposed in CA and needs to keep Pump house in working condition till the renovation period.</p> <p>3. Pump foundation are found in Damaged condition. 3. Hand railing to be repaired and installed.</p>	27.11.2021	Total 5 nos of pumps were found in operation and 1 more pump to be install soon after overhauling.		Long Pending
70	TSPH Pump no.1	<p>8 nos. of pumps are found in operation & 2 nos. of pumps found in bad working condition and balance 12 nos. is missing since Handover.</p>		<p>1. All pumps needs to be repaired and get operational.</p> <p>2. Civil Drawing of pump house foundation not submitted by WWS for Renovation work.</p> <p>3. Out of 12 pumps only 4 Nos pump has been working at site and 4,5,6,7 & Nos. Pump are not in working condition. 4. Lighting arrangement and Cable to be laid in cable tray.</p> <p>5. The manometer and vibration meter should be at site. 6. Railing to be repaired till the renovation period.</p> <p>7. Motor cover to be arranged.</p> <p>8. Pressure gauge are found in damaged condition and need to be replaced. 9. Concessionaire should maintain log book of the pumps for proper record maintenance.</p> <p>10. Leakage has been detected 2 number pump which are in operation, and directed to repair the same immediately. 11. LPS system to be install at site.</p> <p>12. Cable tray need to be painted immediately.</p>				Long Pending
71	TSPH Pump no.2							
72	TSPH Pump no.3							
73	TSPH Pump no.4							
74	TSPH Pump no.5							
75	TSPH Pump no.6							
76	TSPH Pump no.7							
77	TSPH Pump no.8							
78	TSPH Pump no.9							
79	TSPH Pump no.10							
80	TSPH Pump no.11							
81	Return Sludge Pump House				27.11.2021			Long Pending
82	Return sludge Pump (Civil)	Needs rehabilitation		<p>1. Civil renovation work done.</p>	27.11.2021			Long Pending
83	Return Sludge Pump House (Civil)	Needs rehabilitation		<p>1. Only motor and pump house painting work done not done in panel room.</p> <p>2. Dressing arrangement need to be arrange. 3. Foundation renovation work need to be done.</p> <p>4. Renovation work of internal wall need to be done. 5. Lighting arrangement and Cable to be laid in cable tray. 6. LPS system to be install at site.</p> <p>7. Cable need to be arranged properly.</p> <p>8. All motor light to be replace immediately.</p> <p>9. Window need to be replace and Painting work not done Properly.</p>	27.11.2021			Long Pending
84	Return Sludge Pump no. 1	<p>Overhaul operational and 2 Handover working.</p>		<p>1. Out of 4 Nos of pump only 2 Nos is working at site & 1 no. pump is under renovation. 2. Cables to be arranged in proper manner and should be laid in cable tray.</p> <p>3. Leakage has been detected in the pipes connecting to the Pumps.</p> <p>4. Out of 4 nos. panel only 2 panel found in working condition and needs.</p> <p>5. LPS system to be install at site.</p>	01.09.2021			Long Pending
85	Return Sludge Pump no. 2							
86	Return Sludge Pump no. 3							
87	Return Sludge Pump no. 4							
88	Sludging Tank	Sludging tank found overgrown		<p>1. Renovation work done.</p> <p>2. Cleaning work need to be done.</p> <p>3. Interconnection of sludge pipe line for inlet and Outlet cleaning is pending.</p> <p>4. Cables should be treated by Pressure grouting.</p>	27.11.2021			Long Pending
89	Sludging Tank	Operational		<p>1. For Sludging tank WWS, submitted the design for proposed 1 no. agitator.</p> <p>2. CCTV camera need to be replace or replace.</p> <p>3. LPS system to be install at site.</p>	01.09.2021			Long Pending
90	Gravity Sludge Thickener							
91	Gravity Sludge Thickener no. 1	Functional		<p>1. Cable to be laid in cable tray.</p> <p>2. Hand railing to be replace.</p> <p>3. Torque switches.</p> <p>4. Renovation done without canopy at all equipment.</p> <p>5. Motor is fixed on railing with temporary cable tie, which is not proper and unacceptable.</p> <p>6. Power supply is given to torque switch & associated equipment from temporary MCC. Permanent supply is to be provided.</p> <p>7. Torque switch.</p> <p>8. Motor are not working.</p>	27.11.2021			Long Pending
92	Gravity Sludge Thickener no. 2	Renovated/Not in operation		<p>1. Sludge Thickener found under maintenance.</p> <p>2. Cleaning work done.</p> <p>3. Civil structure required.</p> <p>4. Hand railing and working done. 5. Remote system to be installed for G37-2. 6. Cable to be laid in cable tray.</p> <p>7. Sludge Thickener no.2 to be replaced.</p> <p>8. Hand railing to be replace.</p>	01.09.2021	Overhaul of the Sludge thickener in progress.		Long Pending
93	Thickened Sludge Pump House							
94	Thickened sludge Pump House cum Sump (Civil work)	Structure renovated partially.		<p>1. Pump house structure painting and finishing work should be proper.</p> <p>2. Cables should be treated with proper technique. 3. Remote system to be installed for TSPH.</p> <p>4. All Thickened sludge pumps to be replaced as per CA. 5. Dewatering pump to be installed for removing extra water.</p> <p>7. DDT covers/Alighting Jetstream fan to be installed.</p> <p>8. Window need to be replaced.</p> <p>9. Civil Renovation work required in RCC Slab.</p>	27.11.2021			Long Pending
95	Thickened Sludge Pump no.1	Under renovation		<p>1. New pump installation work ongoing. 2. Two valves & pipe line need to be installed.</p>	27.11.2021			Long Pending
96	Thickened Sludge Pump no.2	Under renovation		<p>1. New pump installation work ongoing. 2. Two valves & pipe line need to be installed.</p>	27.11.2021			Long Pending
97	Thickened Sludge Pump no.3	Operational		<p>1. Lubrication and cleaning works as required.</p> <p>2. Lubrication and cleaning works as required 2. Under lighting need to be replace immediately 3. Cable need to be dressed properly.</p> <p>4. Cable tray need to be painted.</p> <p>5. Digester cleaning work can be done with safety precaution. 6. All 4 Nos. pump required replaced as per existing facilities. 7. LPS system to be install at site.</p>	27.11.2021			Long Pending
98	Thickened Sludge Pump no.4	Operational						
99	Primary Sludge Digester							
100	Primary Sludge Digester no. 1	Under maintenance		<p>1. Removal of centrally located sludge mixing shaft from Primary Digester 1.</p> <p>2. Gate to be overhauled.</p> <p>3. Civil Structure of the Digester to be renovate and cracks to be treated.</p> <p>4. Leakage to be Arrived in the Digester.</p> <p>5. Installation of the Railing at the boundary of the dome.</p> <p>6. Finishing work to be done.</p>	27.11.2021			Long Pending
101	Primary Sludge Digester no. 2			<p>1. Cleaning work of Primary digester done partially.</p> <p>2. Gate to be overhauled.</p> <p>3. Civil Structure of the Digester to be renovate and cracks to be treated.</p> <p>4. Leakage to be Arrived in the Digester.</p> <p>5. Installation of the Railing at the boundary of the dome.</p> <p>6. Finishing work to be done.</p> <p>7. Sludge Digester no.2 is under cleaning but no any safety precaution during cleaning.</p> <p>8. Safety officer not available at site.</p>	27.11.2021			Long Pending
102	Secondary Sludge Digester	Not operational						
103	Secondary Sludge Digester	Not operational		<p>1. Sludge is found in worse condition and need to be renovate.</p> <p>2. Gate to be overhauled.</p> <p>3. Civil Structure of the Digester to be renovate and cracks to be treated.</p> <p>4. Leakage to be Arrived in the Digester.</p> <p>5. Installation of the Railing at the boundary of the dome.</p> <p>6. Finishing work to be done.</p>	01.09.2021			Long Pending
104	Digested Sludge Pump House							

80	Sludge Storage Pump House (new Pump Civil work)	Renovated Partially		<ul style="list-style-type: none"> 1. Pump to be down and renovated. 2. Installation of the valves on the boundary of the pump. 3. Precast cover to be replaced or constructed on the pump. 4. Cables at the pump house to be renovated. 5. Finishing work and finishing work to be done in the pump house. 6. Installation of the pump to be required. 7. Railing to be repair in the Pump house. 8. LFRS System to be installed. 9. Cable need to be laid in cable tray. 10. Dewatering pump to be installed. 	01.03.2021			Long Pending
81	Sludge Storage Pump no.1	partially renovated		New pump installation work need to be done before Magat for J. New valves & pipe line need to be installed.	01.03.2021			Long Pending
82	Sludge Storage Pump no.2							
83	Sludge Storage Pump no.4							
84	Centrifuge							
85	BSP Building (Civil Work)	New construction		<ul style="list-style-type: none"> 1. Finishing and finishing work of the BSP building and outside Pump House progress. 2. Railing and steel ladder to be repaired or replaced as per site condition. 3. Housekeeping to be done. 4. Sign boards are required. 5. No approach road found at site to get on this unit/component. 6. Proper lighting arrangement to be required at site. 7. men of BSP installed but still not in operation 	01.03.2021			
86	Centrifuge Pump no.1							
87	Centrifuge Pump no.2							
88	Centrifuge Pump no.3	New pump		As per CA centrifuge to be replaced.	01.03.2021			
89	Centrifuge Building (new Pump Civil work)			<ul style="list-style-type: none"> 1. Finishing and finishing work of the Centrifuge building and outside Pump House 2. Railing and steel ladder to be repaired or replaced as per site condition. 3. Housekeeping to be done. 4. Sign boards are required. 5. No approach road found at site to get on this unit/component. 6. Proper lighting arrangement to be required at site. 	01.03.2021			Long Pending
90	Centrifuge Pump no.1	Pump already installed		As per CA pump to be replaced.				Long Pending
91	Centrifuge Pump no.2	Pump already installed		As per CA pump to be replaced.				Long Pending
92	Centrifuge Pump no.3	Pump already installed		As per CA pump to be replaced.				Long Pending
93	Centrifuge Pump no.4	Pump already installed		As per CA pump to be replaced.				Long Pending
94	Gas Holder no. 1	Not functional		<ul style="list-style-type: none"> 1. Civil structure renovated partially. 2. MS Doors to be repaired. 3. Railing to be repaired. 4. Valves need to be checked or repair. 5. Finishing and finishing work to be done in the civil structure. 	01.03.2021			Long Pending
95	Gas Holder no. 2	Not functional		<ul style="list-style-type: none"> 1. Civil structure renovated partially. 2. MS Doors to be repaired. 3. Railing to be repaired. 4. Valves need to be checked or repair. 5. Finishing and finishing work to be done in the civil structure. 	01.03.2021			Long Pending
96	Gas Scrubber							
97	Gas Scrubber no. 1	Discontinuing in progress by KBRM		<ul style="list-style-type: none"> 1. As per CA, Gas scrubber unit to be replaced. 2. While dismantling the scrubber building safety measures should be followed by KBRM to avoid future accidents. 	01.03.2021			Long Pending
98	Gas Scrubber no.2	Discontinuing in progress by KBRM		As per CA, Gas scrubber unit to be replaced.				Long Pending
99	Gas Scrubber no.3	Discontinuing in progress by KBRM		As per CA, Gas scrubber unit to be replaced.				Long Pending
100	Gas Flaring unit							
101	Gas Flaring no. 1	Discontinuing in progress by KBRM		As per CA, Gas Flaring to be replaced.	01.03.2021			Long Pending
102	Gas Flaring no. 2	Discontinuing in progress by KBRM						
103	Biogas Compressor				01.03.2021			
104	Biogas Compressor Building							
105	Biogas Compressor no. 1	Discontinuing in progress by KBRM						
106	Biogas Compressor no. 2	Discontinuing in progress by KBRM						
107	Biogas Compressor no. 3	Discontinuing in progress by KBRM		As per CA, Biogas compressor to be replaced.	01.03.2021			Long Pending
108	Biogas Compressor no. 4	Discontinuing in progress by KBRM						
109	Biogas Compressor no. 5	Discontinuing in progress by KBRM						
110	Biogas Compressor no. 6	Discontinuing in progress by KBRM			01.03.2021			
111	Biogas Compressor no. 7	Discontinuing in progress by KBRM						
112	Biogas Compressor no. 8	Discontinuing in progress by KBRM						
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211	Biogas Compressor no. 107	Discontinuing in progress by KBRM						
212	Biogas Compressor no. 108	Discontinuing in progress by KBRM						
213	Biogas Compressor no. 109	Discontinuing in progress by KBRM						
214	Biogas Compressor no. 110	Discontinuing in progress by KBRM						
215	Biogas Compressor no. 111	Discontinuing in progress by KBRM						
216	Biogas Compressor no. 112	Discontinuing in progress by KBRM						
217	Biogas Compressor no. 113	Discontinuing in progress by KBRM						
218	Biogas Compressor no. 114	Discontinuing in progress by KBRM						
219	Biogas Compressor no. 115	Discontinuing in progress by KBRM						
220	Biogas Compressor no. 116	Discontinuing in progress by KBRM						
221	Biogas Compressor no. 117	Discontinuing in progress by KBRM						
222	Biogas Compressor no. 118	Discontinuing in progress by KBRM						
223	Biogas Compressor no. 119	Discontinuing in progress by KBRM						
224	Biogas Compressor no. 120	Discontinuing in progress by KBRM						
225	Biogas Compressor no. 121	Discontinuing in progress by KBRM						
226	Biogas Compressor no. 122	Discontinuing in progress by KBRM						
227	Biogas Compressor no. 123	Discontinuing in progress by KBRM						
228	Biogas Compressor no. 124	Discontinuing in progress by KBRM						
229	Biogas Compressor no. 125	Discontinuing in progress by KBRM						
230	Biogas Compressor no. 126	Discontinuing in progress by KBRM						
231	Biogas Compressor no. 127	Discontinuing in progress by KBRM						
232	Biogas Compressor no. 128	Discontinuing in progress by KBRM						
233	Biogas Compressor no. 129	Discontinuing in progress by KBRM						
234	Biogas Compressor no. 130	Discontinuing in progress by KBRM						
235	Biogas Compressor no. 131	Discontinuing in progress by KBRM						
236	Biogas Compressor no. 132	Discontinuing in progress by KBRM						
237	Biogas Compressor no. 133	Discontinuing in progress by KBRM						
238	Biogas Compressor no. 134	Discontinuing in progress by KBRM						
239	Biogas Compressor no. 135	Discontinuing in progress by KBRM						
240	Biogas Compressor no. 136	Discontinuing in progress by KBRM						
241	Biogas Compressor no. 137	Discontinuing in progress by KBRM						
242	Biogas Compressor no. 138	Discontinuing in progress by KBRM						
243	Biogas Compressor no. 139	Discontinuing in progress by KBRM						
244	Biogas Compressor no. 140	Discontinuing in progress by KBRM						
245	Biogas Compressor no. 141	Discontinuing in progress by KBRM						
246	Biogas Compressor no. 142	Discontinuing in progress by KBRM						
247	Biogas Compressor no. 143	Discontinuing in progress by KBRM						
248	Biogas Compressor no. 144	Discontinuing in progress by KBRM						
249	Biogas Compressor no. 145	Discontinuing in progress by KBRM						
250	Biogas Compressor no. 146	Discontinuing in progress by KBRM						
251	Biogas Compressor no. 147	Discontinuing in progress by KBRM						
252	Biogas Compressor no. 148	Discontinuing in progress by KBRM						