

BEFORE THE NATIONAL GREEN TRIBUNAL (SZ), SOUTH ZONE,  
CHENNAI

O.A.NO.123/2022

Between:

Gottimukkala Suresh Reddy and others

.. Applicants

And

The District Collector & DLSC, Chairman,  
Peddapally district Collectorate,  
Peddapaly, Telangana and others

.. Respondents

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THROUGH



(A. SANJEEV KUMAR)

COUNTER AFFIDAVIT FILED BY RESPONDENT-III

DATE: 14.02.2023

PLACE: HYDERABAD

BEFORE THE NATIONAL GREEN TRIBUNAL (SZ), SOUTH ZONE,  
CHENNAI

O.A.NO.123/2022

Between:

Gottimukkala Suresh Reddy and others .. Applicants

And

The District Collector & DLSC, Chairman,  
Peddapally district Collectorate,  
Peddapaly, Telangana and others .. Respondents

Counter Affidavit filed by the 3<sup>rd</sup> Respondents herein

I, G.Malsur, S/o. Sri Laxmi Narasaiah aged about 58 years Occ: Vice-Chairman and Managing Director, Telangana State Mineral Development Corporation Ltd, Hyderabad do hereby solemnly affirm and state on oath as follows:

1. I am the Vice-Chairman and Managing Director, Telangana State Mineral Development Corporation Ltd, the 3<sup>rd</sup> respondent herein and as such I am well acquainted the facts of the case.

Maly. 9

DR. G. MALSUR  
VICE CHAIRMAN & MANAGING DIRECTOR  
TELANGANA STATE MINERAL DEV. CORP. LTD.  
(A State Govt. Undertaking)  
Regd. & Corporate Office  
H.M.W.S.S.B. Premises, Rear Block 3rd Floor,  
Khairatabad, Hyderabad - 500 004.

2. I have read the O.A. filed on behalf of the Applicants and deny all the material allegations made therein, except those that are specifically admitted hereunder. I respectfully submit that the present affidavit is being filed on the alleged large scale and illegal and unauthorized mining of sand is going on in Manair River in the State of Telangana.

The river Manair is a right bank tributary of the river Godavari originates in Nizamabad District of Telangana and joins river Godavari after travelling 225 kms.

It is respectfully submitted that with a view to store water for longer periods in river Manair, Government of Telangana has taken up construction of 22 checkdams. Out of 22 checkdams, 19 checkdams are covered under O.A.No.123 of 2022. Out of these 22 checkdams, de-siltation is carried out at 18 locations as per the requirement to store water upto designed capacity. These checkdams are at different locations spread in a distance of 97 kms along the river course with a total storage capacity of 822.22 MCFT. The distance between two checkdams ranges between 3 kms to 6 kms. The length of the average submergence area of each checkdam in Manair river towards upstream of the checkdam is around 1000 meters.

The Executive Engineer, I&CAD Department furnished the details of sand availability in these checkdams to the District Collector. The District Collector conducted Joint Inspection of the checkdam areas as per Rule 8(C) of TSMMR Rules 2015. The Joint Inspection team consisting of Mines & Geology Department, I&CAD Dept, Ground Water Dept and Revenue Department, inspected the submergence areas of these checkdams and clearly noted their findings checkdam-wise in the Joint Inspection report.

  
VICE CHAIRMAN & MANAGING DIRECTOR  
TELANGANA STATE MINERAL DEV. CORP. LTD.  
(A State Govt. Undertaking)  
Regd. & Corporate Office  
H.M.W.S.S.B. Premises, Rear Block 3rd Floor,  
Khairatabad, Hyderabad - 500 004.

In all these checkdams, I&CAD Department as per the field observations reported more than 6 meters thickness of sand deposit in these submergence areas and also informed that the checkdams has to be de-silted 2 meters depth to maintain water storage capacity of the checkdams. After detailed deliberations in the DLSC meetings, the District Collector issued the proceedings vide No.284/DLC/2016-1, dt.04.01.2022 with specific geo-coordinates checkdam-wise and the quantity to be de-silted.

However, in each checkdam, it was proposed and approved by the DLSC to de-silt approximately  $\frac{1}{4}$  area i.e. around 250 meters of submergence area to store the designed capacity. In all these 18 checkdams, where de-siltation is required the DLSC approved a quantity of 1.48 Crore cbm, out of which a quantity of 34.37 lakh cbm is de-silted so far.

Further, it is submitted that as per S.O.141 dated 15.01.2016 issued by Ministry of Environment and Forest which permits de-siltation to increase the water storage capacity of Irrigation structures. As per Rule 8(c) of TSMMR, 2015, the DLSC headed by the District Collector and Chairman after conducting Joint Inspection approved de-siltation vide the proceedings No.284/DLC/2016-1, dt.04.01.2022.

It is respectfully further submitted that de-siltation is essential to :-

- 1) Facilitate the work for construction of checkdams as this being the peak working period for the Irrigation Department.
- 2) De-siltation is required at these locations as per the reports submitted by the Joint Inspection team to store the designed water storage capacity. The Government of Telangana is spending huge amounts for construction of these checkdams to attain the intended benefit of water storage the de-siltation is required.

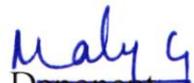
*Maly. G.*

DR. G. MALYSIA  
VICE CHAIRMAN & MANAGING DIRECTOR  
TELANGANA STATE MINERAL DEV. CORP. LTD.  
(A State Govt. Undertaking)  
Regd. & Corporate Office  
H.M.W.S.S.B. Premises, Rear Block 3rd Floor,  
Khairatabad, Hyderabad - 500 004.

It is further submitted that when the designed water is stored in these checkdams for a longer periods in a year, it will have long turn positive impact on flora and fauna in the vicinity.

This will also have the other benefits which cannot be quantified immediately in terms of energy saving when ground water is raised where borewells are used for extraction of water.

Therefore, it is prayed that this Hon'ble Tribunal may consider the contentions raised in this Counter Affidavit and dismiss the O.A. and pass such other order / orders as this Hon'ble Tribunal may deem fit and proper in the interest of justice.

  
Deponent

**DR. G. MALSUR**  
VICE CHAIRMAN & MANAGING DIRECTOR  
TELANGANA STATE MINERAL DEV. CORP. LTD.  
(A State Govt. Undertaking)  
Regd. & Corporate Office  
H.M.W.S.S.B. Premises, Rear Block 3rd Floor,  
Khairatabad, Hyderabad - 500 004.

Sworn and signed before me  
on this the 14<sup>th</sup> day of February, 2023 at Hyderabad.

Before me

Attestor

**Verification Statement**

I, G. Malsur, S/o. Sri Laxmi Narasaiah, age 58 years Occ: Vice-Chairman and Managing Director, Telangana State Mineral Development Corporation Ltd., Hyderabad, do hereby verify that the contents in the Counter Affidavit are based on records and believed to be true and correct.

Verified at Hyderabad on this 14<sup>th</sup> day of February, 2023.

  
Counsel for Respondents

  
Deponent

**DR. G. MALSUR**  
VICE CHAIRMAN & MANAGING DIRECTOR  
TELANGANA STATE MINERAL DEV. CORP. LTD.  
(A State Govt. Undertaking)  
Regd. & Corporate Office  
H.M.W.S.S.B. Premises, Rear Block 3rd Floor,  
Khairatabad, Hyderabad - 500 004.

**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT GOLLAPALLY VILLAGE OF  
SULTHANABAD MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No. 4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Manair Vagu in the Peddapalli District.

In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:30.08.2021 as per Rule, 8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department & M/s. TSMDC Ltd.,. The entire area of de-siltation of sand falling in the submergence of Gollapally check dam in Manair River has been inspected and surveyed as required under Rule, 20 of TSSMR, 2015. The Gollapally check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with a respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 30.08.2021:

Sl.no.	Name of the officer	Designation
1	Sri J.Praveen Kumar	Asst. Executive Engineer, I&CAD, Irrigation, Peddapalli District.
2	Sri Ch.Venu	Asst. Hydrologist O/o District Ground Water Officer, Peddapalli District.
3	Sri V.Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
4	Sri Ch.Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5.	N.Santhosh Kumar	Girdhawar O/o Mandal Thasildar Sulthanabad Mandal, Peddapalli.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the Village limits of Gollapally, Sulthanabad Mandal, Peddapalli District.
2	River	Manair River.
3	FTL Level	233.5 Meters
4	Length of the submergence area in Manair River towards upstream of the check dam.	1000 Meters. Entire area falling in the upstream of the check dam
5	Submergence Village limits of the check Dam along with Manair River	North side of Manair River falling in the Village limits of Gollapally Village, Sulthanabad Mandal, Peddapalli District. The South side of the river falls in Karimnagar District limits.

**1. Observations of the I&CAD Department:**

It is observed that the proposed area is falling in Manair River, at Gollapally Village limits of Sulthanabad Mandal, Peddapalli District. The Manair river is flowing from South-West to North-East. The check dam is being constructed across the river in North-South direction. The area is falling in submergence of check dam of Gollapally Village. As per the field observations the sand deposited with a thickness of about 6.5mts in the above said submergence area. The sand has to be de-silted 2 mts depth to maintain the water storage capacity of the check dam. The de-siltation of sand in the submergence area of the check dam as detailed below:

**The de-siltation of sand area Upstream of the check dam of Gollapally Village:**

It is submitted that the de-siltation has to be carried out in the submergence area towards West of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map. The area arrived is 900Mts in length, average Width is 320.0 Mts and average depth is 2.0 Mts. Thus the total quantity arrived at 5,76,000M3. The details are as below:

Reach	Point in DGPS Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M3
The de-siltation area Upstream of the check dam of Gollapally Village	1	18°27' 39.92"N	79°15'19.49"E	900	320	2	5,76,000
	2	18°27' 32.31"N	79°15'26.93"E				
	3	18°27' 16.71"N	79°15'2.58"E				
	4	18°27'24.35"N	79°14'55.60"E				
<b>Total Quantity:</b>							<b>5,76,000</b>

**2. Observations of the Mines and Geology Department:**

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at Gollapally Village. The area is falling 50% width in Manair River on the Northern side in Peddapalli District and 50 % of Manair River on the Southern side in Karimnagar District. The entire demarcated submergence area of de-siltation falling in the Village limits of Gollapally, Sulthanabad Mandal, Peddapalli District. The available sand deposits for de-siltation are demarcated and recorded Geo-Co-Ordinates in the Map. The sand available in the area is medium to fine grained and it is useful for civil construction purpose.

### **3. Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam is falls in the Village limits of Gollapally Village, Sulthanabad Mandal, Peddapalli District. In the said area of de-siltation, no patta land sare falling. The width of the river is varying in different places. The average width of the river is 320mts. Half of the River having withlength 900mts is falling in Gollapally Village limits of Sulthanabad Mandal, Peddapalli District. The other half part (opposite part) towards South side of the Manair River falling in Karimnagar District. The entire demarcated submergence area is falling in the limits of Gollapally Village, Sulthanabad Mandal, Peddapalli District.

### **4. Observations of the Department of Ground Water:**

It is submitted that as per the field observations, The Proposed area for de siltation of sand under the submergence of Check dam at Gollapally Village i.e. The area falling in 50% of Width on the Western side in the Manair River. As per GEC 2016-17, Gollapally Village falls in PDPL\_E\_22\_Odela Watershed area, which is Categorised as Safe with 54% stage of Extraction. The De-siltation of Sand may be carried out strictly within the Submergence of the Check dam as specified by the Irrigation Department. Moreover, the Average Depth to Ground Water Level in the area is ranging between 2.2 to 2.5 meters below ground level. Hence, The Thickness of Sand to be desilted, may not exceed the above mentioned Ground water Level, or else/otherwise there will be adverse effect on Ground water Table in the Surrounding Village.

### **5. Observations of M/s TSMDC Ltd.:**

The submergence of Gollapally check dam is falling in the Village limits of Gollapally Village, Sulthanabad Mandal, Peddapalli District. The total length of 900mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity 5,76,000M<sup>3</sup> of sand.

### **Conclusion and Recommendation:**

The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence area of check dam falling in Gollapally Village limits of Sulthanabad Mandal, Peddapalli District.

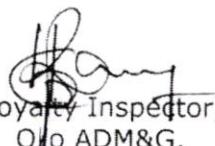
The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the de siltation area for a quantity of 5,76,000M<sup>3</sup> of

sand falling in the submergence of Check dam at Gollapally Village Sulthanabad Mandal Peddapalli District may be placed before the DLSC, Peddapalli for taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

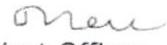
This is submitted for favour of information and for taking further necessary action.



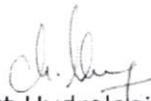
Girdwarar,  
O/o Tahsildar  
SulthanabadMandal,  
Peddapalli District



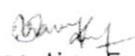
Royalty Inspector,  
O/o ADM&G,  
Peddapalli District



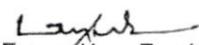
Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.



Asst. Hydrologist  
O/o DGWO,  
Peddapalli District



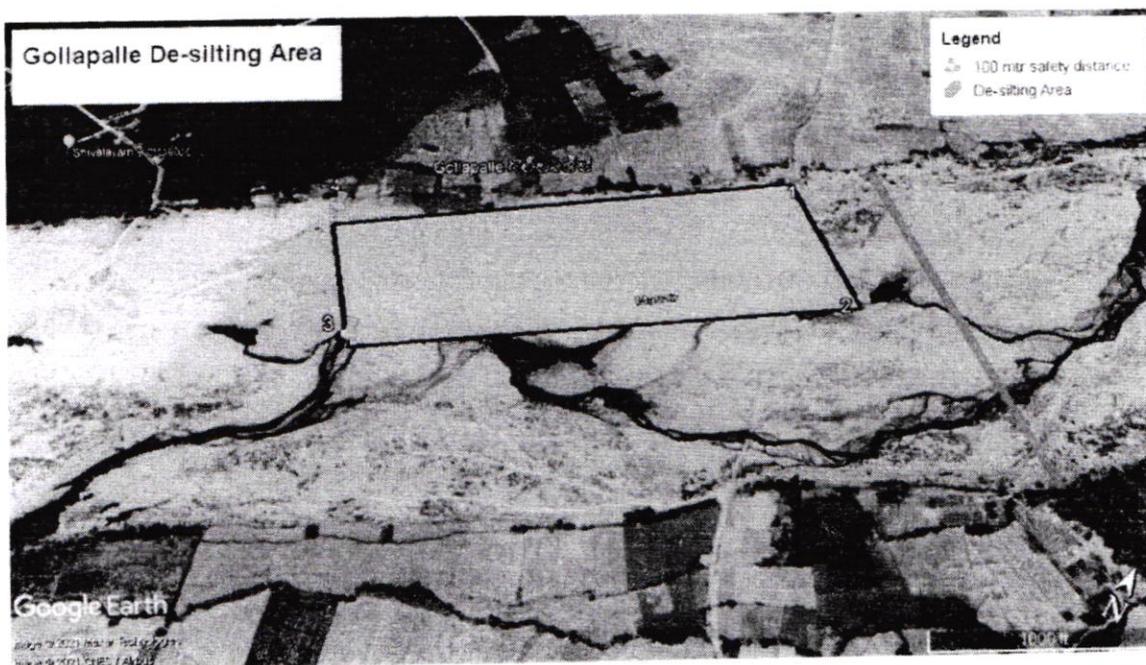
Asst. Executive Engineer,  
I&CADD, Irrigation,  
Div. No.  
Peddapalli District



Dy. Executive Engineer,  
I&CADD, Irrigation,  
Div. No.  
Peddapalli District.

**Gollapalle Check Dam De-silting area map**

De-silting area name	Length (meter s)	Width (meters)	Thickness (meters)	Volume (CBM)	Geo Co-ordinates			Rem arks
					Point ID No.	Latitude	Longitude	
Gollapalle	900	320	2	5,76,000	1	18° 27' 39.92" N	79° 15' 19.49" E	
					2	18° 27' 32.31" N	79° 15' 26.93" E	
					3	18° 27' 16.71" N	79° 15' 2.58" E	
					4	18° 27' 24.35" N	79° 14' 55.60" E	



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DICE/ISSD4/PPPL

**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT NEERUKULLA VILLAGE OF  
SULTHANABAD MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No. 4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Manair Vagu in the Peddapalli District.

In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:04.10.2021 as per Rule, 8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department & M/s. TSMDC Ltd., The entire area of de-siltation of sand falling in the submergence of Neerukulla check dam in Manair River has been inspected and surveyed as required under Rule, 20 of TSSMR, 2015. The Neerukulla check dam is under construction at the time of inspection. The map showing the Geo-Co-ordinates of demarcated area with a respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 04.10.2021:

Sl.no.	Name of the officer	Designation
1	Sri V.Prasad	Asst. Executive Engineer, I&CAD, Irrigation, Peddapalli District.
2	Smt. B.Umadevi	Asst. Hydrogeologist O/o District Ground Water Officer, Peddapalli District.
3	Sri V.Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
4	Sri Ch.Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5	Sri. Rajeshwar Rao	Girdhwar, O/o Sulthanabad Mandal, Peddapalli Dist.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the Village limits of Neerukulla, Sulthanabad Mandal, Peddapalli District.
2	River	Manair River.
3	FTL Level	224.5 Meters
4	Length of the submergence area in Manair River towards upstream of the check dam.	1100 Meters. Entire area falling in the upstream of the check dam
5	Submergence Village limits of the check Dam along with Manair River	North side of Manair River falling in the Village limits of Neerukulla Village, Sulthanabad Mandal, Peddapalli District. The South side of the river falls in Karimnagar District limits.

### 1. Observations of the I&CAD Department:

It is observed that the proposed area is falling in Manair River, at Neerukulla Village limits of Sulthanabad Mandal, Peddapalli District. The Manair river is flowing from West to East. The check dam is being constructed across the river in North—South direction. The area towards North side is falling in submergence of check dam of Neerukulla Village. As per the field observations the sand deposited with a thickness of about **6.5 mts** in the above said submergence area. The sand has to be de-silted 2 mts depth to maintain the water storage capacity of the check dam. The de-siltation of sand in the submergence area of the check dam as detailed below:

### **The de-siltation of sand area Upstream of the check dam of Neerukulla Village:**

It is submitted that the de-siltation has to be carried out in the submergence area towards West of the check dam. The de-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map. It is noticed that the R&B Bridge passing across the Manair River at Neerukulla Village limits, Sulthanabad Mandal, Peddapalli District to Vegurupalli Village of Manakondur Mandal, Karimnagar District. The R&B Bridge is falling in middle of the submergence areas towards upstream of check dam. The safety distance of 500 meters maintained on either side of the R&B Bridge. After leaving of 500 meters safety distance from the R&B Bridge, the submergence area is arrived 570 meters in length, average width of 210 meters and average depth is 2.00 meters towards West of R&B bridge. Thus the total quantity of sand to be de-silted arrived at 2,39,400M<sup>3</sup>. The details are as below:

Reach	Point in Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M <sup>3</sup>
The de-siltation area Upstream of the check dam of Neerukulla Village	A	18°28' 54.51"N	79°17'0.31"E	570	210	2	2,39,400
	B	18°28' 48.60"N	79°17'1.07"E				
	C	18°28'43.61"N	79°16'42.23"E				
	D	18°28'50.95"N	79°16'41.09"E				
<b>Total Quantity:</b>							<b>2,39,400</b>

### 1. Observations of the Mines and Geology Department:

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at Neerukulla Village. The area is falling 50% width in Manair River on Northern side in Peddapalli District and 50 % of Manair River on is Southern side in Karimnagar District. The entire demarcated area of de-siltation falling in the Village limits of Neerukulla, Sulthanabad Mandal, Peddapalli District. The available sand deposits for de-siltation are demarcated and recorded Geo-Co-Ordinates in the Map.

The sand available in the area is medium to fine grained and it is useful for civil construction purpose.

## **2. Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam falls in the Village limits of Neerukulla Village, Sulthanabad Mandal, Peddapalli District. In the said area of de-siltation, no patta lands are falling. The width of the river is varying in different places. The average width of the river is 210mts. Half of the River towards North side having with length of 570mts falling in Neerukulla Village limits of Sulthanabad Mandal, Peddapalli District. The other half part of the Manair River (opposite part) towards Southern side falling in Karimnagar District. The entire demarcated submergence area is falling in the limits of Neerukulla Village, Sulthanabad Mandal, Peddapalli District.

## **3. Observations of the Department of Ground Water:**

It is submitted that as per the field observations, The Proposed area for de-siltation of sand under the submergence of Check dam at Neerukulla Village i.e. The area falling in 50% of Width on the Northern side in the Manair River. As per GEC 2016-17, Neerukulla Village falls in PDPL\_E\_22\_Odela Watershed area, which is Categorized as Safe with 53% stage of Extraction. The De-siltation of Sand may be carried out strictly within the Submergence of the Check dam as specified by the Irrigation Department. Moreover, the Average Depth to Ground Water Level in the area is ranging between 2.40 to 2.70 meters below ground level. Hence, The Thickness of Sand to be de-silted, may not exceed the abovementioned Ground water Level, or else otherwise there will be adverse effect on Ground water Table in the Surrounding Village.

## **4. Observations of M/s TSMDC Ltd.,:**

The submergence of Neerukulla check dam is falling in the Village limits of Neerukulla Village, Sulthanabad Mandal, Peddapalli District. The total length of 570mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity of 2,39,400M<sup>3</sup> of sand.

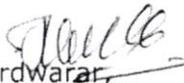
## **Conclusion and Recommendation:**

The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence

area of check dam falling in Neerukulla Village limits of Sulthanabad Mandal, Peddapalli District.

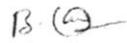
The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the de-siltation area for a quantity of 2,39,400M<sup>3</sup> of sand falling in the submergence of Check dam at Neerukulla Village, Sulthanabad Mandal Peddapalli District may be placed before the DLSC, Peddapalli for taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

This is submitted for favour of information and for taking further necessary action.

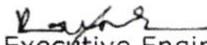
  
Girdwarar,  
O/o Tahsildar  
SulthanabadMandal,  
Peddapalli District

  
Royalty Inspector,  
O/o ADM&G,  
Peddapalli District

  
Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.

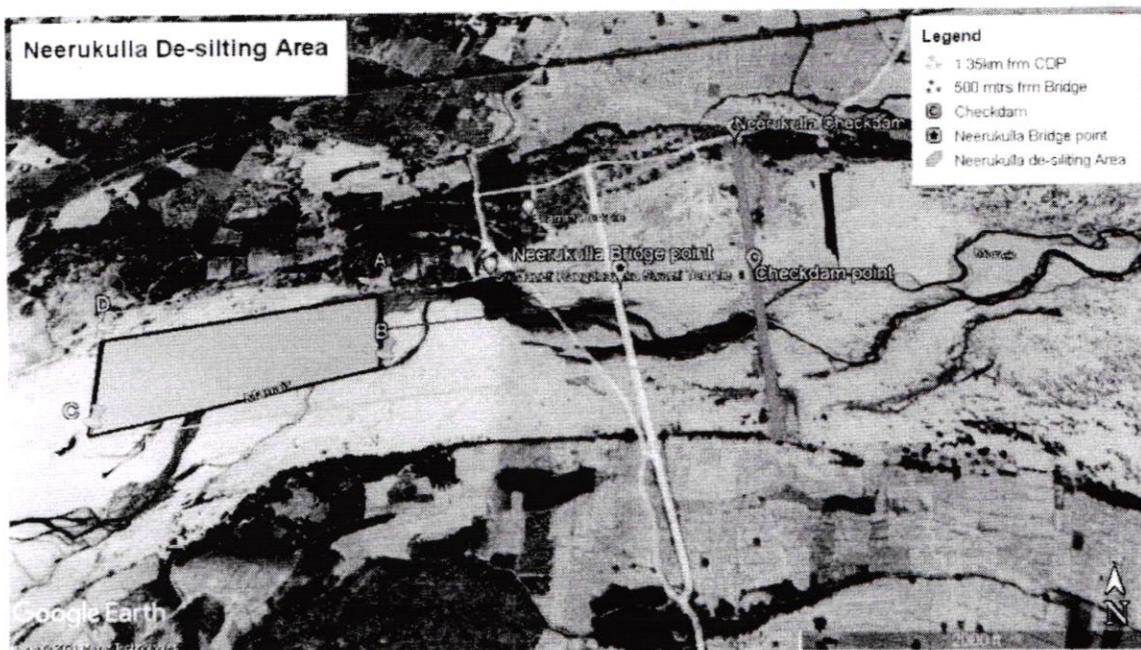
  
Asst. Hydrogeologist  
O/o DGWO,  
Peddapalli District

  
Asst. Executive Engineer,  
I&CADD, Irrigation,  
Sub. Div. No. 4  
Peddapalli District.

  
Dy. Executive Engineer,  
I&CADD, Irrigation,  
Div. No.  
Peddapalli District.

**Neerukulla Check Dam De-silting area map**

De-silting area name	Length (meter s)	Width (meters)	Thickness (meters)	Volume (CBM)	Geo Co-ordinates			Rem arks
					Point ID No.	Latitude	Longitude	
Neerukulla	570	210	2	2,39,400	A	18° 28' 54.51" N	79° 17' 0.31"E	
					B	18° 28' 48.60" N	79° 17' 1.07"E	
					C	18° 28' 43.61" N	79° 16' 42.23"E	
					D	18° 28' 50.95" N	79° 16' 41.09"E	



V.P. A  
 AEE / ISO 4  
 P.d.p.

Rayns  
 DTCC / ISO 4 / P.d.p.

**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT GATTEPALLI VILLAGE OF  
SULTHANABAD MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No.4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Manair Vagu in the Peddapalli District.

In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:04.10.2021 as per Rule,8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department & M/s. TSMDC Ltd., The entire area of de-siltation of sand falling in the submergence of Gattepalli check dam in Manair River has been inspected and surveyed as required under Rule,20 of TSSMR, 2015. The Gattepalli check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 04.10.2021:

Sl.no.	Name of the officer	Designation
1	Sri V.Prasad	Asst. Executive Engineer, I&CAD, Irrigation, Peddapalli District.
2	Smt.B.Umadevi	Asst. Hydrogeologist O/o District Ground Water Officer, Peddapalli District.
3	Sri V.Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
4	Sri Ch.Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5.	Sri. Rajeshwar Rao	Girdawar O/o Mandal Thahsildar Sulthanabad Mandal.

The details of the check dam project areas follows:

1	Name of the project	Check Dam, falling in the village limits of Gattepalli, Sulthanabad Mandal, Peddapalli District.
2	River	Manair River.
3	FTL Level	.....Meters
4	Length of the submergence area in Manair Rivertowards upstream of the check dam.	900Meters. Entire area falling in the upstream of the check dam
5	Submergence village limits of the check Dam along with Manair River	North side of Manair River falling in the village limits of Gattepalli Village, Sulthanabad Mandal, Peddapalli District. The South side of the river falls in Karimnagar District limits.

**1. Observations of the I&CAD Department:**

It is observed that the proposed area is falling in Manair River, at Gattepalli Village limits of Sulthanabad Mandal, Peddapalli District. The Manair River is flowing from West to East. The check dam is being constructed across the river in North—South direction. The area is falling in submergence of check dam of Gattepalli Village. As per the field observations the sand deposited with a thickness of about 6.3 mts in the above said submergence area. The sand has to be de-silted 2 mts depth to maintain the water storage capacity of the check dam. The de-siltation of sand in the submergence area of the check dam as detailed below:

**The de-siltation of sand area Upstream of the check dam of Gattepalli Village:**

It is submitted that the de-siltation has to be carried out in the submergence area towards West of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map. The area arrived is 800 Mts in length, average Width is 600 Mts and average depth is 2.0 Mts. The total quantity arrived at 9,60,000 M3. The details are as below:

Reach	Point in Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M3
The de-siltation area Upstream of the check dam of Gattepalli Village	1	18°28'42.69"N	79°18'34.73"E	800	600	2.0	9,60,000
	2	18°28'46.88"N	79°18'21.68"E				
	3	18°28'50.73"N	79°18'9.04"E				
	4	18°29'0.54"N	79°18'44.39"E				
	5	18°29'6.73"N	79°18'32.30"E				
	6	18°29'5.25"N	79°18'17.04"E				
<b>total Quantity:</b>							<b>9,60,000</b>

**2. Observations of the Mines and Geology Department:**

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at Gattepalli Village. The area is falling 50% width in Manair River on the Northern side in Peddapalli District and 50 % of Manair River on the Southern side falls in Karimnagar District. The entire demarcated submergence area of de-siltation falling in the village limits of Gattepalli, Sulthanabad Mandal, Peddapalli District. The available sand deposits for de-siltation are demarcated and recorded Geo-Co-Ordinates in the Map. The sand available in the area is medium to fine grained and it is useful for civil construction purpose.

### **3. Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam falls in the village limits of Gattepalli village, Sulthanabad Mandal, Peddapalli District. In the said area of de-siltation, no patta lands are falling. The width of the river is varying in different places. The average width of the river is 600mts. Half of the River having with 800 mts length is falling in Gattepalli Village limits of Sulthanabad Mandal, Peddapalli District. The other half part of the Manair River is (opposite part) falling in Karimnagar District. The entire demarcated submergence area is falling in the limits of Gattepalli village, Sulthanabad Mandal, Peddapalli District.

### **4. Observations of the Department of Ground Water:**

It is submitted that as per the field observations, The Proposed area for desiltation of sand under the submergence of Check dam at Gattepalli village i.e. The area falling in 50% of Width on the Western side in the Manair River. As per GEC 2016-17, Gattepalli Village falls in PDPL\_E\_22\_Odela Watershed area, which is Categorized as Safe with 40% stage of Extraction. The De siltation of Sand may be carried out strictly within the Submergence of the Checkdam as specified by the Irrigation Department. Moreover, the Average Depth to Ground Water Level in the area is ranging between 2.0 to 2.20 meters below ground level. Hence, The Thickness of Sand to be desilted, may not exceed the above mentioned Ground water Level, or else otherwise there will be adverse effect on Ground water Table in the Surrounding village.

### **5. Observations of M/s TSMDC Ltd.:**

The submergence of Gattepalli check dam is falling in the village limits of Gattepalli Village, Sulthanabad Mandal, Peddapalli District. The total length of 800mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity 9,60,000M<sup>3</sup> of sand.

### **Conclusion and Recommendation:**

The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence area of check dam falling in Gattepalli village limits of Sulthanabad Mandal, Peddapalli District.

The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the desiltation area for a quantity of 9,60,000M<sup>3</sup> CBM of sand falling in the submergence of Check dam at Gattepalli Village Sulthanabad Mandal Peddapalli District may be placed before the DLSC,

Peddapalli for taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

This is submitted for favour of information and for taking further necessary action.

  
Girdawarar,  
O/o Tahsildar  
SulthanabadMandal,  
Peddapalli District

  
Royalty Inspector,  
O/o ADM&G,  
Peddapalli District

  
Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.

  
Asst. Hydrogeologist  
O/o DGWO,  
Peddapalli District

  
Asst. Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No. 4  
Peddapalli District.

  
Dy. Executive Engineer,  
I&CADD, Irrigation,  
Div. No.  
Peddapalli District.



**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT KADAMBAPUR VILLAGE OF  
SULTHANABAD MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No. 4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Manair Vagu in the Peddapalli District.

In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:05.10.2021 as per Rule,8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department & M/s. TSMDC Ltd., The entire area of de-siltation of sand falling in the submergence of Kadambapur check dam in Manair River has been inspected and surveyed as required under Rule,20 of TSSMR, 2015. The Kadambapur check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with a respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 05.10.2021:

Sl.no.	Name of the officer	Designation
1	Sri Subba Rami Reddy	Asst. Executive Engineer, I&CAD, Irrigation, Sub- Division, Peddapalli District.
2	Smt. B.Umadevi	Asst. Hydrogeologist O/o District Ground Water Officer, Peddapalli District.
3	Sri V.Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
4	Sri Ch.Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5	Sri Rajeswar Rao	Girdhawar O/o Mandal Thahsildar Sulthanabad Mandal.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the Village limits of Kadambapur, Sulthanabad Mandal, Peddapalli District.
2	River	Manair River.
3	FTL Level	216.700Meters
4	Length of the submergence area in Manair River towards upstream of the check dam.	900Meters. Entire area falling in the upstream of the check dam
5	Submergence Village limits of the check Dam along with Manair River	West side of Manair River falling in the Village limits of Kadambapur Village, Sulthanabad Mandal, Peddapalli District. The East side of the river falls in Karimnagar District limits.

**1.Observations of the I&CAD Department:**

It is observed that the proposed area is falling in Manair River, at Kadambapur Village limits of Sulthanabad Mandal, Peddapalli District. The Manair river is flowing from West to East. The check dam is being constructed across the river in North—South direction. The area is falling in submergence of check dam of Kadambapur Village. As per the field observations the sand deposited with a thickness of about 6.4 mts in the above said submergence area. The sand has to be de-silted 2 mts depth to maintain the water storage capacity of the check dam. The de-siltation of sand in the submergence area of the check dam as detailed below:

**The de-siltation of sand area Upstream of the check dam of Kadambapur Village:**

It is submitted that the de-siltation has to be carried out in the submergence area towards West of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map. The area arrived is 800 Mts in length, average Width is 452.0 Mts and average depth is 2.0 Mts. Thus total quantity of sand to be de-silted arrived at 7,23,200 M<sup>3</sup>. The details are as below:

Reach	Point in Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M <sup>3</sup>
The de-siltation area Upstream of the check dam of Kadambapur Village	1	18°28' 23.50"N	79°19'57.11"E	800	452	2	7,23,200
	2	18°28' 17.53"N	79°19'52.94"E				
	3	18°28'11.35"N	79°19'48.49"E				
	4	18°28'16.99"N	79°19'35.85"E				
	5	18°28'22.65"N	79°19'24.07"E				
	6	18°28'35.16"N	79°19'32.64"E				
	7	18°28'30.41"N	79°19'42.47"E				
<b>Total Quantity:</b>							<b>7,23,200</b>

**2.Observations of the Mines and Geology Department:**

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at Kadambapur Village. The area is falling 50% width in Manair River on the Northern side in Peddapalli District and 50 % of Manair River on the Southern side falls in Karimnagar District. The entire demarcated area of de-siltation falling in the Village limits of Kadambapur, Sulthanabad Mandal, Peddapalli District. The available sand deposits for de-siltation are demarcated and recorded Geo-Co-Ordinates in

the Map. The sand available in the area is medium to fine grained and it is useful for civil construction purpose.

### **3. Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam is falls in the Village limits of Kadambapur Village, Sulthanabad Mandal, Peddapalli District. In the said area of de-siltation, no pattalands are falling. The width of the river is varying in different places. The average width of the river is 800mts. Half of the River having with length 452 mts is falling in Kadambapur Village limits of Sulthanabad Mandal, Peddapalli District. The other half part of the Manair River (opposite part) falling in Karimnagar District. The entire demarcated submergence area is falling in the limits of Kadambapur Village, Sulthanabad Mandal, Peddapalli District.

### **4. Observations of the Department of Ground Water:**

It is submitted that as per the field observations, The Proposed area for desiltation of sand under the submergence of Check dam at Kadambapur Village i.e. The area falling in 50% of Width on the Western side in the Manair River. As per GEC 2016-17, Kadambapur Village falls in PDPL\_E\_22\_Odela Watershed area, which is Categorized as Safe with 36% stage of Extraction. The De siltation of Sand may be carried out strictly within the Submergence of the Check dam as specified by the Irrigation Department. Moreover, the Average Depth to Ground Water Level in the area is ranging between 2.0 to 2.3 metres below ground level. Hence, The Thickness of Sand to be desilted, may not exceed the above mentioned Ground water Level, or else/otherwise there will be adverse effect on Ground water Table in the Surrounding Village.

### **5. Observations of M/s TSMDC Ltd.,:**

The submergence of Kadambapur check dam is falling in the Village limits of Kadambapur Village, Sulthanabad Mandal, Peddapalli District. The total length of 800mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity of 7,23,200M<sup>3</sup> of sand.

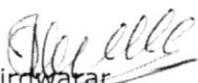
### **Conclusion and Recommendation:**

The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence

area of check dam falling in Kadambapur Village limits of Sulthanabad Mandal, Peddapalli District.

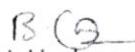
The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the de siltation area for a quantity of 7,23,200M3 CBM of sand falling in the submergence of Check dam at Kadambapur Village Sulthanabad Mandal Peddapalli District may be placed before the DLSC, Peddapalli for taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

This is submitted for favour of information and for taking further necessary action.

  
Girdwar,  
O/o Tahsildar  
SulthanabadMandal,  
Peddapalli District

  
Royalty Inspector,  
O/o ADM&G,  
Peddapalli District

  
Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.

  
Asst. Hydrogeologist  
O/o DGWO,  
Peddapalli District

  
Asst. Executive Engineer,  
I&CADD, Irrigation,  
Div. No. 4  
Peddapalli District.

  
Dy. Executive Engineer,  
I&CADD, Irrigation,  
Div. No.  
Peddapalli District.



**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT THOGARAI(MANCHIRAMI)  
VILLAGE OF SULTHANABAD MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No.4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Manair Vagu in the Peddapalli District.

In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:30.08.2021 as per Rule,8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department & M/s. TSMDC Ltd. The entire area of de-siltation of sand falling in the submergence of Thogarai (Manchirami) check dam in Manair River has been inspected and surveyed as required under Rule,20 of TSSMR, 2015. The Thogarai (Manchirami) check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with a respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 30.08.2021:

Sl.no.	Name of the officer	Designation
1	Sri J. Praveen Kumar	Asst. Executive Engineer, I&CAD, Irrigation, Peddapalli District.
2	Sri V. Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
3	Sri Ch. Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
4.	Ch. Venu	Asst. Hydrologist O/o District Ground Water Officer, Peddapalli District.
5	Sri Rajeshwar Rao	Girdhawar O/o Mandal Tahsildar Sulthanabad Mandal. Peddapalli.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the Village limits of Thogarai (Manchirami), Sulthanabad Mandal, Peddapalli District.
2	River	Manair River.
3	FTL Level	216.55 Meters
4	Length of the submergence area in Manair River towards upstream of the check dam.	1100 Meters. Entire area falling in the upstream of the check dam
5	Submergence Village limits of the check Dam along with Manair River	North side of Manair River falling in the Village limits of Thogarai Village, Sulthanabad Mandal, Peddapalli District. The South side of the river falls in Karimnagar District limits.

**1.Observations of the I&CAD Department:**

It is observed that the proposed area is falling in Manair River, at Thogarai (Manchirami) Village limits of Sulthanabad Mandal, Peddapalli District. The Manair river is flowing from West to East. The check dam is being constructed across the river in North—South direction. The area is falling in submergence of check dam of Thogarai (Manchirami) Village. As per the field observations the sand deposited with a thickness of about 6.4 mts in the above said submergence area. The sand has to be de-silted 2 mts depth to maintain the water storage capacity of the check dam. The de-siltation of sand in the submergence area of the check dam as detailed below:

**The de-siltation of sand area Upstream of the check dam of Thogarai (Manchirami)Village:**

It is submitted that the de-siltation has to be carried out in the submergence area towards South of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates, in the Map. The area arrived is 1000Mts in length, average Width is 390 Mts and average depth is 2.0 Mts. Thus total quantity of sand to be de-silted arrived at 7,80,000M3. The details are as below:

Reach	Point in Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M3
The de-siltation area Upstream of the check dam of Thogarai (Manchirami) Village	a	18°27'34.64"N	79°21'1.67"E	1000	390	2	7,80,000
	b	18°27'24.32"N	79°20'53.26"E				
	c	18°27'32.51"N	79°20'38.75"E				
	d	18°27'45.07"N	79°20'27.03"E				
	e	18°27'56.03"N	79°20'35.80"E				
	f	18°27'41.87"N	79°20'48.23"E				
<b>total Quantity:</b>							<b>7,80,000</b>

**2.Observations of the Mines and Geology Department:**

It is submitted that as per the field observations, the proposed area is falling under Submergence of Manchirami Check dam at Thogarai Village limits of Sulthanabad Mandal, Peddapalli District. The area is falling 50% width in Manair River on Northern side in Peddapalli District and 50 % of Manair River on the Southern side falls in Karimnagar District. The entire demarcated submergence area of de-siltation falling in the Village limits of Thogarai Village, Sulthanabad Mandal, Peddapalli District. The available sand deposits for de-siltation are demarcated and recorded Geo-Co-Ordinates in

the Map. The sand available in the area is medium to fine grained and it is useful for civil construction purpose.

### **3.Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam falls in the Village limits of Thogarai Village, Sulthanabad Mandal, Peddapalli District. In the said area of de-siltation, no pattalands are available. The width of the river is varying in different places. The average width of the river is 390mts. Half of the River having with 1000mts length is falling in Thogarai Village limits of Sulthanabad Mandal, Peddapalli District. The other half part of Manair River is (opposite part) falling in Karimnagar District. The entire demarcated submergence area is falling in the limits of Thogarai, Sulthanabad Mandal, Peddapalli District.

### **4.Observations of the Department of Ground Water:**

It is submitted that as per the field observations, The Proposed area for de-siltation of sand under the submergence of Check dam at Manchirami Village i.e. The area falling in 50% of Width on the Western side in the Manair River. As per GEC 2016-17, Manchirami Village falls in PDPL\_E\_22\_Odela Watershed area, which is Categorised as Safe with 53% stage of Extraction. The De-siltation of Sand may be carried out strictly within the Submergence of the Checkdam as specified by the Irrigation Department. Moreover, the Average Depth to Ground Water Level in the area is ranging between 1.5 to 2.0 meters below ground level. Hence, The Thickness of Sand to be desilted, may not exceed the above mentioned Ground water Level, or else/otherwise there will be adverse effect on Ground water Table in the Surrounding Village.

### **5.Observations of M/s TSMDC Ltd.:**

The submergence of Thogarai check dam is falling in the Village limits of Thogarai (Manchirami) Village, Sulthanabad Mandal, Peddapalli District. The total length of 1000mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity 7,80,000M<sup>3</sup> of sand.

### **Conclusion and Recommendation:**

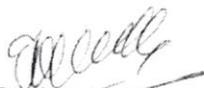
The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence

area of check dam failing in Thogarai(Manchirami) Village limits of Sulthanabad Mandal, Peddapalli District.

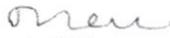
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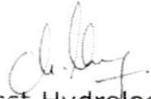
The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the de siltation area for a quantity of 7,80,000 CBM of sand falling in the submergence of Check dam at Thogarai(Manchirami) Village Sulthanabad Mandal Peddapalli District may be placed before the DLSC, Peddapalli for taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

This is submitted for favour of information and for taking further necessary action.

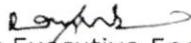
  
Girdwarar,  
O/o Tahsildar  
SulthanabadMandal,  
Peddapalli District

  
Royalty Inspector,  
O/o ADM&G,  
Peddapalli District

  
Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.

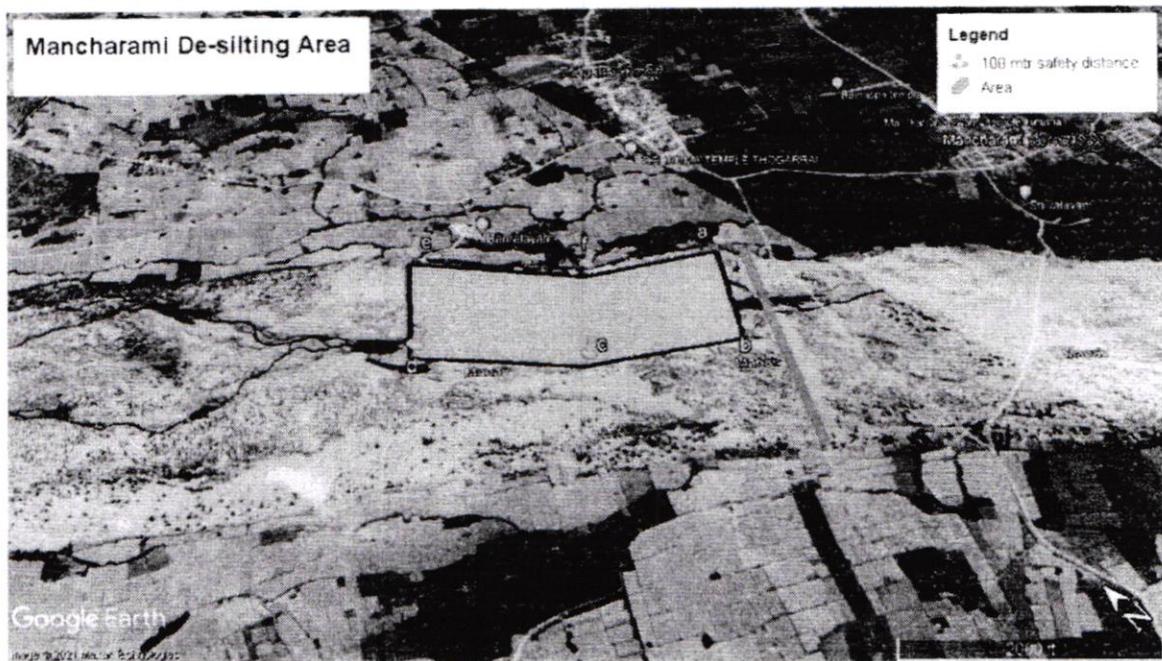
  
Asst. Hydrologist  
O/o DGWO,  
Peddapalli District

  
Asst. Executive Engineer,  
I&CADD, Irrigation,  
Div. No.  
Peddapalli District.

  
Dy. Executive Engineer,  
I&CADD, Irrigation,  
Div. No.  
Peddapalli District.

**Manchirami Check Dam De-silting area map**

De-silting area name	Length (meters)	Width (meters)	Thickness (meters)	Volume (CBM)	Geo Co-ordinates		Remarks	
					Point ID No.	Latitude		Longitude
Manchirami	1000	390	2	7,80,000	a	18° 27' 34.64" N	79° 21' 1.67" E	
					b	18° 27' 24.32" N	79° 20' 53.26" E	
					c	18° 27' 32.51" N	79° 20' 38.75" E	
					d	18° 27' 45.07" N	79° 20' 27.03" E	
					e	18° 27' 56.03" N	79° 20' 35.80" E	
					f	18° 27' 41.87" N	79° 20' 48.23" E	



*Handwritten signature*  
Dec/15/24/PPPL

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**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT GUNDLAPALLI VILLAGE OF ODELA  
MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No. 4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Manair Vagu in the Peddapalli District.

In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:05.10.2021 as per Rule,8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department & M/s. TSMDC Ltd.,. The entire area of de-siltation of sand falling in the submergence of Gundlapalli check dam in Manair River has been inspected and surveyed as required under Rule,20 of TSSMR, 2015. The Gundlapalli check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with a respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 05.10.2021:

Sl.no.	Name of the officer	Designation
1	Sri J. Praveen Kumar	Asst. Executive Engineer, I&CAD, Irrigation, Peddapalli District.
2	Sri V.Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
3	Smt. B.Umadevi	Asst. Hydrogeologist O/o District Ground Water Officer, Peddapalli District.
4	Sri Ch.Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5	B.Vinay Kumar	Girdawar-I O/o Mandal Thahsildar Odela Mandal.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the Village limits of Gundlapalli, Odela Mandal, Peddapalli District.
2	River	Manair River.
3	FTL Level	207.40Meters
4	Length of the submergence area in Manair Rivertowards upstream of the check dam.	1100Meters. Entire area falling in the upstream of the check dam
5	Submergence Village limits of the check Dam along with Manair River	North side of Manair River falling in the Village limits of Gundlapalli Village, Odela Mandal, Peddapalli District. The South side of the river falls in Karimnagar District limits.

### 1.Observations of the I&CAD Department:

It is observed that the proposed area is falling in Manair River, at Gundlapalli Village limits of Odela Mandal, Peddapalli District. The Manair river is flowing from West to East. The check dam is being constructed across the river in North-South direction. The area is falling in submergence of check dam of Gundlapalli Village. As per the field observations the sand deposited with a thickness of about 6.3 mts in the above said submergence area. The sand has to be de-silted 2 mts depth to maintain the water storage capacity of the check dam. The de-siltation of sand in the submergence area of the check dam as detailed below:

#### **The de-siltation of sand area Upstream of the check dam of Gundlapalli Village:**

It is submitted that the de-siltation has to be carried out in the submergence area towards West of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map. The area arrived is 1100Mts in length, average Width is 432 Mts and average depth is 2.0 Mts. Thus total quantity of sand to be de-silted arrived at 9,95,500M<sup>3</sup>. The details are as below:

Reach	Point in Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M <sup>3</sup>
The de-siltation area Upstream of the check dam of Gundlapalli Village	1	18°26' 32.61"N	79°22' 12.86"E	1100	432	2	9,50,400
	2	18°26' 18.51"N	79°22' 9.29"E				
	3	18°26' 30.02"N	79°21' 54.25"E				
	4	18°26' 40.77"N	79°21' 39.81"E				
	5	18°26' 54.31"N	79°21' 43.19"E				
	6	18°26' 42.54"N	79°22' 0.12"E				
<b>Total Quantity:</b>							<b>9,50,400</b>

### 2.Observations of the Mines and Geology Department:

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at Gundlapalli Village. The area is falling 50% width in Manair River on its Northern side in Peddapalli District and 50 % of Manair River on the Southern side falls in Karimnagar District. The entire demarcated area of de-siltation falling in the Village limits of Gundlapalli, Odela Mandal, Peddapalli District. The available sand deposits for de-siltation are demarcated and recorded Geo-Co-Ordinates in the Map. The sand available in the area is medium to fine grained and it is useful for civil construction purpose.

### **3.Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam is falls in the Village limits of Gundlapalli Village, Odela Mandal, Peddapalli District. In the said area of de-siltation, no pattalands are falling. The width of the river is varying in different places. The average width of the river is 432mts. Half of the River having with 1100 mts is falling in Gundlapalli Village limits of Odela Mandal, Peddapalli District. The other half part of the Manair River (opposite part) falling in Karimnagar District. The entire demarcated submergence area is falling in the limits of Gundlapalli Village, Odela Mandal, Peddapalli District.

### **4.Observations of the Department of Ground Water:**

It is submitted that as per the field observations, the proposed area for de-siltation of sand under the submergence of check dam at Gundlapalli Village i.e., the area falling in 50 % of width on the western side in the Manair river. As per GEC 2016-17, Gundlapalli Village falls in PDPL\_E\_22\_Mutharam Manthani Watershed area, which is Categorized as Safe with 17% stage of Extraction. The de-siltation of sand may be carried out strictly within the submergence of the check dams as specified by the Irrigation department. Moreover, the average depth of ground water level in the area is ranging between 1.5 to 2.0 mts below ground level. The thickness of the sand to be de-silted may not exceed the above-mentioned ground water level, or else/otherwise there will be adverse effect on ground water table in the surrounding Village.

### **5.Observations of M/s TSMDC Ltd.,:**

The submergence of Gundlapalli check dam is falling in the Village limits of Gundlapalli Village, Odela Mandal, Peddapalli District. The total length of 1100mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity of 9,50,400M<sup>3</sup> of sand.

### **Conclusion and Recommendation:**

The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence area of check dam falling in Gundlapalli Village limits of Odela Mandal, Peddapalli District.

The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the de-siltation area for a quantity of 9,50,400 CBM of sand falling in the submergence of Check dam at Gundlapalli Village Odela Mandal Peddapalli District may be placed before the DLSC, Peddapalli for taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

This is submitted for favour of information and for taking further necessary action.



Girdwarar,  
O/o Tahsildar Odela  
Mandal, Peddapalli  
District



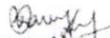
Royalty Inspector,  
O/o ADM&G,  
Peddapalli District



Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.



Asst. Hydrogeologist  
O/o DGWO,  
Peddapalli District



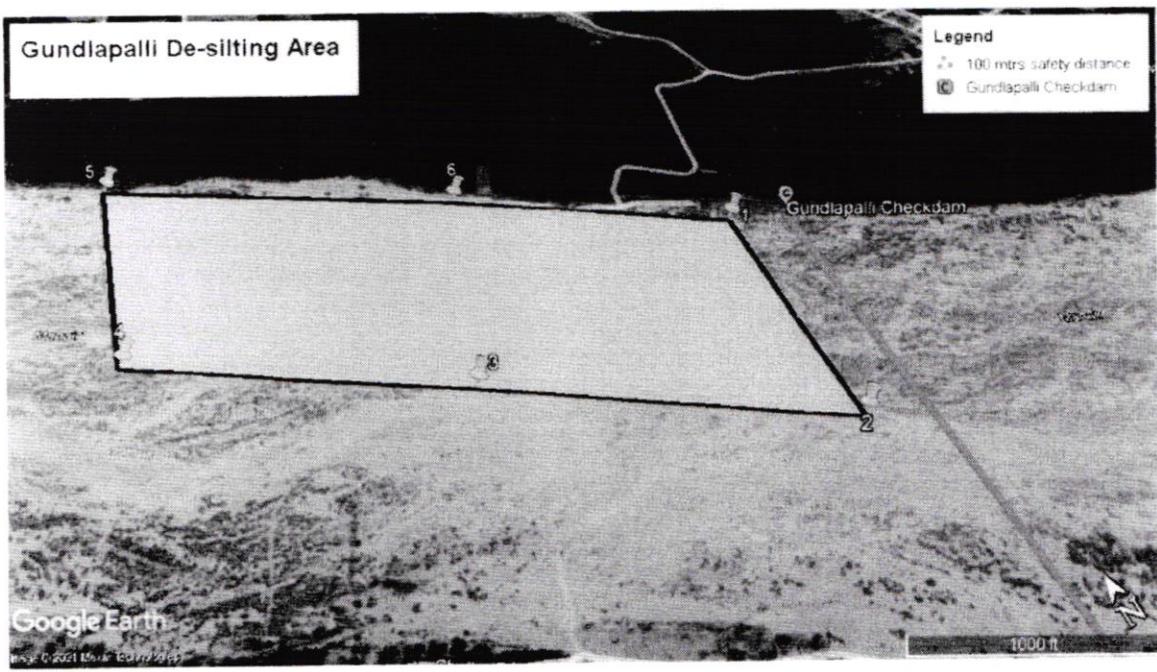
Asst. Executive Engineer,  
I&CADD, Irrigation,  
Div. No.  
Peddapalli District.



Dy. Executive Engineer,  
I&CADD, Irrigation,  
Div. No.  
Peddapalli District.

**Gundlapalli Check Dam De-silting area map**

De-silting area name	Length (meter s)	Width (meters)	Thickness (meters)	Volume (CBM)	Geo Co-ordinates			Rem arks
					Point ID No.	Latitude	Longitude	
Gundlapalli	1100	432	2	9,50,400	1	18° 26' 32.61" N	79° 22' 12.86"E	
					2	18° 26' 18.51" N	79° 22' 9.29"E	
					3	18° 26' 30.02" N	79° 21' 54.25"E	
					4	18° 26' 40.77" N	79° 21' 39.81"E	
					5	18° 26' 54.31" N	79° 21' 43.19"E	
					6	18° 26' 42.54" N	79° 22' 0.12"E	



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**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT KANAGARTHI VILLAGE OF ODELA  
MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No.4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Manair Vagu in the Peddapalli District.

In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:05.10.2021 as per Rule,8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department & Revenue Department & M/s. TSMDC Ltd., The entire area of de-siltation of sand falling in the submergence of Kanagarthi check dam in Manair River has been inspected and surveyed as required under Rule,20 of TSSMR, 2015. The Kanagarthi check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with a respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 05.10.2021:

Sl.no.	Name of the officer	Designation
1	Sri J.Praveen Kumar	Asst. Executive Engineer, I&CAD, Irrigation, Peddapalli District.
2	Smt. B.Umadevi	Asst. Hydrogeologist O/o District Ground Water Officer, Peddapalli District.
3	Sri V.Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
4	Sri Ch.Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5.	B.Vinay Kumar	Girdawar-I, O/o Mandal Thahsildar Odela Mandal.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the Village limits of Kanagarthi, Odela Mandal, Peddapalli District.
2	River	Manair River.
3	FTL Level	205.45Meters
4	Length of the submergence area in Manair River towards upstream of the check dam.	1800Meters. Entire area falling in the upstream of the check dam
5	Submergence Village limits of the check Dam along with Manair River	North side of Manair River falling in the Village limits of Kanagarthi Village, Odela Mandal, Peddapalli District. The South side of the river falls in Karimnagar District limits.

### **1.Observations of the I&CAD Department:**

It is observed that the proposed area is falling in Manair River, at Kanagarthi Village limits of Odela Mandal, Peddapalli District. The Manair river is flowing from West to East. The check dam is being constructed across the river in North—South direction. The area is falling in submergence of check dam of Kanagarthi Village. As per the field observations the sand deposited with a thickness of about 6.4 mts in the above said submergence area. The sand has to be de-silted 2 mts depth to maintain the water storage capacity of the check dam. The de-siltation of sand in the submergence area of the check dam as detailed below:

#### **The de-siltation of sand area Upstream of the check dam of KanagarthiVillage:**

It is submitted that the de-siltation has to be carried out in the submergence area towards West of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map. The area arrived is 1700Mtsin length, average Width is 360 Mts and average depth is 2.0 Mts. Thus total quantity of sand to be de-silted arrived at 12,24,000M3. The details are as below:

Reach	Point no. in Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M3
The de-siltation area Upstream of the check dam of Kanagarthi Village	a	18°25'58.73"N	79°23'31.95"E	1700	360	2	12,24,000
	b	18°25'46.72"N	79°23'28.64"E				
	c	18°25'57.38"N	79°23'4.60"E				
	d	18°26'7.59"N	79°22'34.38"E				
	e	18°26'19.26"N	79°22'37.84"E				
	f	18°26'8.67"N	79°23'8.81"E				
<b>total Quantity:</b>							<b>12,24,000</b>

### **2.Observations of the Mines and Geology Department:**

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at Kanagarthi Village. The area is falling 50% width in Manair River on the Northern side in Peddapalli District and 50 % of Manair River on the Southern side falls in Karimnagar District. The entire demarcated submergence area of de-siltation falling in the Village limits of Kanagarthi, Odela Mandal, Peddapalli District. The available sand deposits for de-siltation are demarcated and recorded Geo-Co-Ordinates in

the Map. The sand available in the area is medium to fine grained and it is useful for civil construction purpose.

### **3.Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam is falls in the Village limits of Kanagarthi Village, Odela Mandal, Peddapalli District. In the said area of de-siltation, no pattalands are falling. The width of the river is varying in different places. The average width of the area is 360mts. Half of the River having with 1700 mts length is falling in Kanagarthi Village limits of Odela Mandal, Peddapalli District. The other half part of the Manair River is (opposite part) falling in Karimnagar District. The entire demarcated submergence area is falling in the limits of Kanagarthi Village, Odela Mandal, Peddapalli District.

### **4.Observations of the Department of Ground Water:**

It is submitted that as per the field observations, The Proposed area for de-siltation of sand under the submergence of Check dam at Kangarthi Village i.e. The area falling in 50% of Width on the Western side in the Manair River. As per GEC 2016-17, Kangarthi Village falls in PDPL\_E\_22\_Odela Watershed area, which is Categorised as Safe with 42% stage of Extraction. The De siltation of Sand may be carried out strictly within the Submergence of the Check dam as specified by the Irrigation Department. Moreover, the Average Depth to Ground Water Level in the area is ranging between 2.5 to 2.60 metres below ground level. Hence, The Thickness of Sand to be de-silted, may not exceed the above mentioned Ground water Level, or else/otherwise there will be adverse effect on Ground water Table in the Surrounding Village.

### **5.Observations of M/s TSMDC Ltd.:**

The submergence of Kanagarthi check dam is falling in the Village limits of Kanagarthi Village, Odela Mandal, Peddapalli District. The total length of 1700mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity 12,24,000M<sup>3</sup>of sand.

### **Conclusion and Recommendation:**

The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence

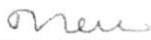
area of check dam falling in Kanagarthi Village limits of Odela Mandal, Peddapalli District.

The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the de-siltation area for a quantity of 12,24,000M<sup>3</sup> CBM of sand falling in the submergence of Check dam at Kanagarthi Village Odela Mandal Peddapalli District may be placed before the DLSC, Peddapalli for taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

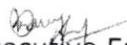
This is submitted for favour of information and for taking further necessary action.

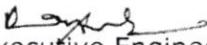
  
Girdwarar,  
O/o Tahsildar Odela  
Mandal, Peddapalli  
District

  
Royalty Inspector,  
O/o ADM&G,  
Peddapalli District

  
Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.

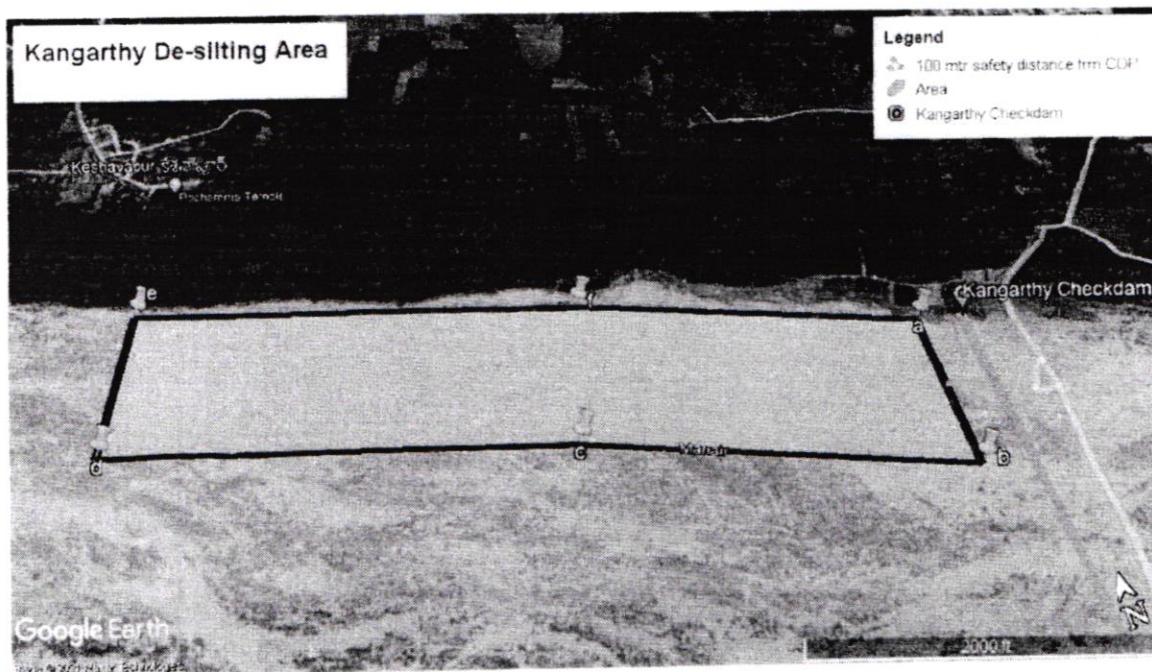
  
Asst. Hydrogeologist  
O/o DGWO,  
Peddapalli District

  
Asst. Executive Engineer,  
I&CADD, Irrigation,  
Div. No.  
Peddapalli District.

  
Dy. Executive Engineer,  
I&CADD, Irrigation,  
Div. No.  
Peddapalli District.

**Kangarthy Check Dam De-silting area map**

De-silting area name	Length (meter s)	Width (meters)	Thickness (meters)	Volume (CBM)	Geo Co-ordinates		Rem arks	
					Point ID No.	Latitude		Longitude
Kangarthy	1700	360	2	12,24,000	a	18° 25' 58.73" N	79° 23' 31.95"E	
					b	18° 25' 46.72" N	79° 23' 28.64"E	
					c	18° 25' 57.38" N	79° 23' 4.60"E	
					d	18° 26' 7.59" N	79° 22' 34.38"E	
					e	18° 26' 19.26" N	79° 22' 37.84"E	
					f	18° 26' 8.67" N	79° 23' 8.81"E	



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**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT MADAKA VILLAGE OF ODELA  
MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No.4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Manair Vagu in the Peddapalli District.

In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:05.10.2021 as per Rule,8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department & M/s. TSMDC Ltd, .The entire area of de-siltation of sand falling in the submergence of Madaka check dam in Manair River has been inspected and surveyed as required under Rule,20 of TSSMR, 2015.The Madaka check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 05.10.2021:

Sl.no.	Name of the officer	Designation
1	Sri Subha Rami Reddy	Asst. Executive Engineer, I&CAD,Irrigation, Sub- Division, Peddapalli District.
2	Smt. B.Umadevi	Asst. Hydrogeologist O/o District Ground Water Officer, Peddapalli District.
3	Sri V.Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
4.	Sri Ch.Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5.	B.Rajender	Revenue Inspector O/o Mandal Tahsildar Odela Mandal.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the Village limits of Madaka, Odela Mandal, Peddapalli District.
2	River	Manair River.
3	FTL Level	.....Meters
4	Length of the submergence area in Manair Rivertowards upstream of the check dam.	900Meters. Entire area falling in the upstream of the check dam
5	Submergence Village limits of the check Dam along with Manair River	North side of Manair River falling in the Village limits of Madaka Village, Odela Mandal, Peddapalli District. The South side of the river falls in Karimnagar District limits.

### 1. Observations of the I&CAD Department:

It is observed that the proposed area is falling in Manair River, at Madaka Village limits of Odela Mandal, Peddapalli District. The Manair river is flowing from North West to South East. The check dam is being constructed across the river in North —South direction. The area is falling in submergence of check dam of Madaka Village. As per the field observations the sand deposited with a thickness of about 6.5 mts in the above said submergence area. The sand has to be de-silted 2 mts depth to maintain the water storage capacity of the check dam. The de-siltation of sand in the submergence area of the check dam as detailed below:

#### **The de-siltation of sand area Upstream of the check dam of Madaka Village:**

It is submitted that the de-siltation has to be carried out in the submergence area towards West of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map. The area arrived is 800Mts in length, average Width is 350 Mts and average depth is 2.5 Mts. Thus total quantity of sand to be de-silted arrived at 7,00,000M3. The details are as below:

Reach	Point In Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M3
The de-siltation area Upstream of the check dam of Madaka Village	1	18°25'22.41"N	79°25'10.46"E	800	350	2.5	7,00,000
	2	18°25'12.13"N	79°25'6.76"E				
	3	18°25'17.87"N	79°24'52.75"E				
	4	18°25'22.43"N	79°24'41.63"E				
	5	18°25'33.27"N	79°24'45.78"E				
	6	18°25'28.62"N	79°24'57.11"E				
<b>Total Quantity:</b>							<b>7,00,000</b>

### 2. Observations of the Mines and Geology Department:

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at Madaka Village. The area is falling 50% width in Manair River on the Northern side in Peddapalli District and 50 % of Manair River on the Southern side falls in Karimnagar District. The entire demarcated submergence area of de-siltation falling in the Village limits of Madaka, Odela Mandal, Peddapalli District. The available sand deposits for de-siltation are demarcated and recorded Geo-Co-Ordinates in

the Map. The sand available in the area is medium to fine grained and it is useful for civil construction purpose.

### **3.Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam falls in the Village limits of Madaka Village, Odela Mandal, Peddapalli District. In the said area of de-siltation, no pattalands are available. The width of the river is varying in different places. The average width of the river is 350mts. Half of the River having with 800 mts length is falling in Madaka Village limits of Odela Mandal, Peddapalli District. The other half part of the Manair River (opposite part)falling in Karimnagar District. The entire demarcated submergence area is falling in the limits of Madaka Village, Odela Mandal, Peddapalli District.

### **4.Observations of the Department of Ground Water:**

It is submitted that as per the field observations, The Proposed area for desiltation of sand under the submergence of Check dam at Madaka Village i.e. The area falling in 50% of Width on the Western side in the Manair River. As per GEC 2016-17, Madaka Village falls in PDPL\_E\_22\_Odela Watershed area, which is Categorised as Safe with 45% stage of Extraction. The Desiltation of Sand may be carried out strictly within the Submergence of the Checkdam as specified by the Irrigation Department. Moreover, the Average Depth to Ground Water Level in the area is ranging between 2.1 to 2.40 metres below ground level. Hence, The Thickness of Sand to be desilted, may not exceed the above mentioned Ground water Level, or else/otherwise there will be adverse effect on Ground water Table in the Surrounding Village.

### **5.Observations of M/s TSMDC Ltd.,:**

The submergence of Madaka check dam is falling in the Village limits of Madaka Village, Odela Mandal, Peddapalli District. The total length of 800mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity 7,00,000 M3of sand.

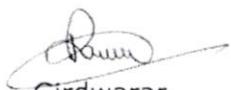
### **Conclusion and Recommendation:**

The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence

area of check dam falling in Madaka Village limits of Odela Mandal, Peddapalli District.

The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the de siltation area for a quantity of 7,00,000 CBM of sand falling in the submergence of Check dam at Madaka Village Odela Mandal Peddapalli District may be placed before the DLSC, Peddapalli for taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

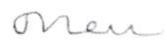
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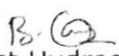
Girdwarar,  
O/o Tahsildar Odela  
Mandal, Peddapalli  
District



Royalty Inspector,  
O/o ADM&G,  
Peddapalli District



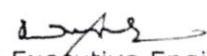
Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.



Asst. Hydrogeologist  
O/o DGWO,  
Peddapalli District



Asst. Executive Engineer,  
I&CADD, Irrigation,  
Div. No. 4  
Peddapalli District.



Dy. Executive Engineer,  
I&CADD, Irrigation,  
Div. No.  
Peddapalli District.

**Madaka Check Dam De-silting area map**

De-silting area name	Length (meters)	Width (meters)	Thickness (meters)	Volume (CBM)	Geo Co-ordinates			Remarks
					Point ID No.	Latitude	Longitude	
Madaka	800	350	2.5	7,00,000	1	18° 25' 22.41" N	79° 25' 10.46" E	
					2	18° 25' 12.13" N	79° 25' 6.76" E	
					3	18° 25' 17.87" N	79° 24' 52.75" E	
					4	18° 25' 22.43" N	79° 24' 41.63" E	
					5	18° 25' 33.27" N	79° 24' 45.78" E	
					6	18° 25' 28.62" N	79° 24' 57.11" E	



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 Irrigation Sub  
 - Division No. 4  
 Paddy pally.

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**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT POTHKAPALLY VILLAGE OF ODELA  
MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No.4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Manair Vagu in the Peddapalli District.

In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:05.10.2021 as per Rule,8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department, & M/s. TSMDC Ltd., The entire area of de-siltation of sand falling in the submergence of Pothakapally check dam in Manair River has been inspected and surveyed as required under Rule,20 of TSSMR, 2015. The Pothakapally check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with a respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 05.10.2021:

Sl.no.	Name of the officer	Designation
1	Sri B. Subba Rami Reddy	Asst. Executive Engineer, I&CAD, Irrigation, Sub- Division, Peddapalli District.
2	Smt.B.Umadevi	Asst. Hydrogeologist O/o District Ground Water Officer, Peddapalli District.
3	Sri V.Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
4	Sri Ch.Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5.	B.Rajender	Revenue Inspector O/o Mandal Tahsildar Odela Mandal.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the village limits of Pothakapally, Odela Mandal, Peddapalli District.
2	River	Manair River.
3	FTL Level	195.8Meters
4	Length of the submergence area in Manair River towards upstream of the check dam.	1800Meters. Entire area falling in the upstream of the check dam
5	Submergence village limits of the check Dam along with Manair River	West side of Manair River falling in the village limits of Pothakapally Village, Odela Mandal, Peddapalli District. The East side of the river falls in Karimnagar district limits.

### **1.Observations of the I&CAD Department:**

It is observed that the proposed area is falling in Manair River, at Pothakapally Village limits of Odela Mandal, Peddapalli District. The Manair river is flowing from South to North. The check dam is being constructed across the river in East—West direction. The area is falling in submergence of check dam of Pothakapally Village. As per the field observations the sand deposited with a thickness of about 6 mts in the above said submergence area. The sand has to be de-silted 2 mts depth to maintain the water storage capacity of the check dam. The de-siltation of sand in the submergence area of the check dam as detailed below:

### **The de-siltation of sand area Upstream of the check dam of Pothakapalli Village:**

It is submitted that the de-siltation has to be carried out in the submergence area towards South of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map. The area arrived is 1700 Mts in length, average Width is 355 Mts and average depth is 2.0 Mts. Thus total quantity of sand to be de-silted arrived at 12,07,000 M3. The details are as below:

Reach	Point in Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M3
The de-siltation area Upstream of the check dam of Pothakapalli Village	A	18°24'32.37"N	79°26'50.54"E	1700	355	2	12,07,000
	B	18°24'24.63"N	79°26'44.02"E				
	C	18°24'34.22"N	79°26'31.65"E				
	D	18°24'44.42"N	79°26'14.08"E				
	E	18°24'51.18"N	79°25'56.96"E				
	F	18°25'1.62"N	79°26'1.86"E				
	G	18°24'54.55"N	79°26'19.76"E				
	H	18°24'44.78"N	79°26'37.14"E				
<b>total Quantity:</b>							<b>12,07,000</b>

### **2. Observations of the Mines and Geology Department:**

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at Pothakapally Village. The area is falling 50% width in Manair River on the western side in Peddapalli District and 50 % of Manair River on the eastern side falls in Karimnagar District. The entire demarcated area of de-siltation falling in the village limits of Pothakapalli, Odela Mandal, Peddapalli district. The available sand deposits for de-siltation are demarcated and recorded Geo-Co-Ordinates in the Map.

deposits for de-siltation are demarcated and recorded Geo-Co-Ordinates in the Map. The sand available in the area is medium to fine grained and it is useful for civil construction purpose.

### **3.Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam is falls in the village limits of Pothakapalli village, Odela Mandal, Peddapalli District. In the said area of de-siltation, no pattalands are falling. The width of the river is varying in different places. The average width of the river is 355mts. Half of the River having with 1700 mts length is falling in Pothakapally Village limits of Odela Mandal, Peddapalli District. The other half part (opposite part) falling in Karimnagar district. The entire demarcated submergence area is falling in the village limits of Pothakapally village, Odela Mandal, Peddapalli district.

### **4.Observations of the Department of Ground Water:**

It is submitted that as per the field observations, The Proposed area for de-siltation of sand under the submergence of Check dam at Pothakapally village i.e. The area falling in 50% of Width on the Western side in the Manair River. As per GEC 2016-17, Pothakapally Village falls in PDPL\_E\_22\_Odela Watershed area, which is Categorised as Safe with 45% stage of Extraction. The De siltation of Sand may be carried out strictly within the Submergence of the Check dam as specified by the Irrigation Department. Moreover, the Average Depth to Ground Water Level in the area is ranging between 2.4 to 2.5 metres below ground level. Hence, The Thickness of Sand to be desilted, may not exceed the above mentioned Ground water Level, or else/ otherwise there will be adverse effect on Ground water Table in the Surrounding village.

### **5.Observations of M/s TSMDC Ltd.,:**

The submergence of Pothakapally check dam is falling in the village limits of Pothakapally Village, Odela Mandal, Peddapalli district. The total length of 1700mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity 12,07,000M<sup>3</sup> of sand.

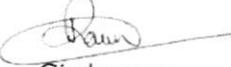
### **Conclusion and Recommendation:**

The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence

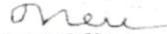
area of check dam falling in Pothakapally village limits of Odela Mandal, Peddapalli district.

The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the de siltation area for a quantity of 12,07,000 CBM of sand falling in the submergence of Check dam at Pothakapally Village Odela Mandal Peddapalli District may be placed before the DLSC, Peddapalli for taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

This is submitted for favour of information and for taking further necessary action.

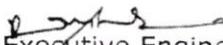
  
Girdwarar,  
O/o Tahsildar  
OdelaMandal,  
Peddapalli District

  
Royalty Inspector,  
O/o ADM&G,  
Peddapalli District

  
Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.

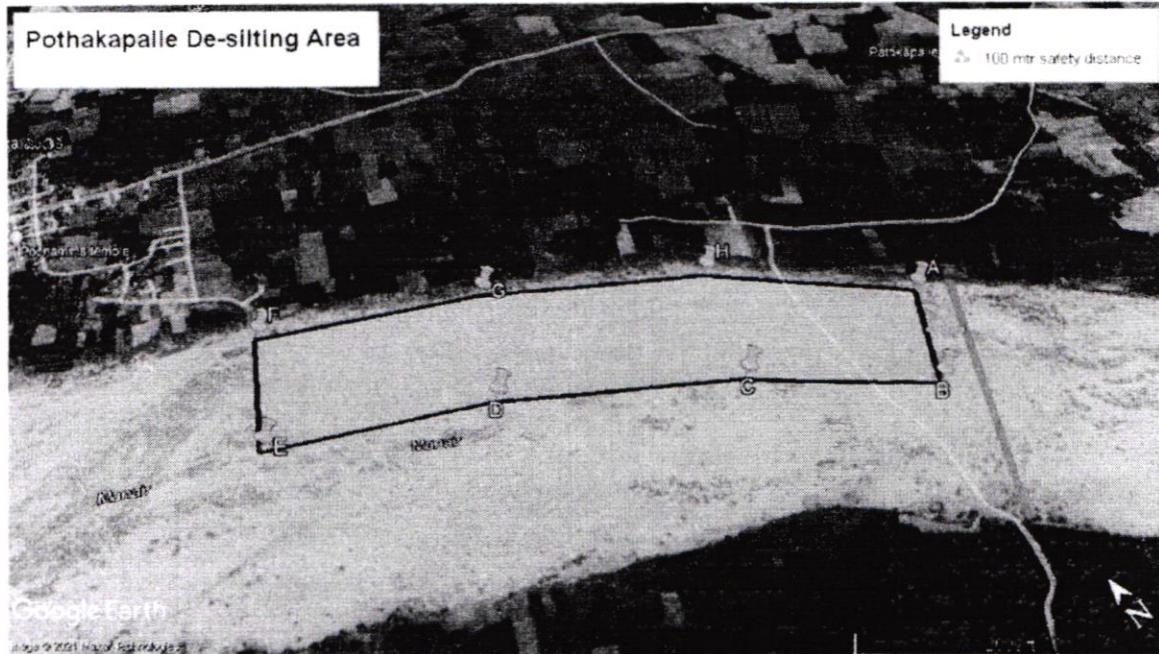
  
Asst. Hydrogeologist  
O/o DGWO,  
Peddapalli District

  
Asst. Executive Engineer,  
I&CADD, Irrigation,  
Div. No. 4  
Peddapalli District.

  
Dy. Executive Engineer,  
I&CADD, Irrigation,  
Div. No.  
Peddapalli District.

**Pothakapalli Check Dam De-silting area map**

De-silting area name	Length (meters)	Width (meters)	Thickness (meters)	Volume (CBM)	Geo Co-ordinates			Remarks
					Point ID No.	Latitude	Longitude	
Pothakapalli	1700	355	2	12,07,000	A	18° 24' 32.37" N	79° 26' 50.54" E	
					B	18° 24' 24.63" N	79° 26' 44.02" E	
					C	18° 24' 34.22" N	79° 26' 31.65" E	
					D	18° 24' 44.42" N	79° 26' 14.08" E	
					E	18° 24' 51.18" N	79° 25' 56.96" E	
					F	18° 25' 1.62" N	79° 26' 1.86" E	
					G	18° 24' 54.55" N	79° 26' 19.76" E	
					H	18° 24' 44.78" N	79° 26' 37.14" E	



*[Signature]*  
 Irrigation Sub  
 Division No. 4  
 Pothakapalli

*[Signature]*  
 D/E/ISDP/PO

**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT ROOPNARAYANAPET VILLAGE OF  
ODELA MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No.4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Manair Vagu in the Peddapalli District.

In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:05.10.2021 as per Rule,8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department & M/s. TSMDC Ltd., The entire area of de-siltation of sand falling in the submergence of Roopnarayanapet check dam in Manair River has been inspected and surveyed as required under Rule, 20 of TSSMR, 2015. The Roopnarayanapet check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated with a respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 05.10.2021:

Sl.no	Name of the officer	Designation
1	Sri. Subba Rami Reddy	Asst. Executive Engineer, I&CAD, Irrigation, Sub- Division No., , Peddapalli District.
2	Smt. B.Umadevi	Asst. Hydrogeologist O/o District Ground Water Officer, Peddapalli District.
3	Sri V.Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
4	Sri Ch.Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5.	B.Rajender	Revenue Inspector O/o Mandal Thahsildar Odela Mandal.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the village limits of Roopnarayanapet, Odela Mandal, Peddapalli District.
2	River	Manair River.
3	FTL Level	.....Meters
4	Length of the submergence area in Manair Rivertowards upstream of the check dam.	1200Meters. Entire area falling in the upstream of the check dam
5	Submergence village limits of the check Dam along with Manair River	West side of Manair River falling in the village limits of Roopnarayanapet Village, Odela Mandal, Peddapalli District. The East side of the river falls in Karimnagar district limits.

### **1.Observations of the I&CAD Department:**

It is observed that the proposed area is falling in Manair River, at Roopnarayanapet Village limits of Odela Mandal, Peddapalli District. The Manair river is flowing from South to North. The check dam is being constructed across the river in East—West direction. The area is falling in submergence of check dam of Roopnarayanapet Village. As per the field observations the sand deposited with a thickness of about 6mts in the above said submergence area. The sand has to be de-silted 2 mts depth to maintain the water storage capacity of the check dam. The de-siltation of sand in the submergence area of the check dam as detailed below:

### **The de-siltation of sand area Upstream of the check dam of Roopnarayanapet Village:**

It is submitted that the de-siltation has to be carried out in the submergence area towards South of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map. The area arrived is 1100 Mts in length, average Width is 320 Mts and average depth is 2.0 Mts. Thus total quantity of sand to be de-silted arrived at 7,04,000 M3. The details are as below:

Reach	Point in Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M3
The de-siltation area Upstream of the check dam of Roopnarayanapet Village	i	18°23'28.92"N	79°28'9.47"E	1100	320	2	7,04,000
	ii	18°23'20.49"N	79°28'4.63"E				
	iii	18°23'28.90"N	79°27'49.48"E				
	iv	18°23'38.49"N	79°27'32.08"E				
	v	18°23'47.32"N	79°27'37.18"E				
	vi	18°23'38.57"N	79°27'52.95"E				
<b>total Quantity:</b>							<b>7,04,000</b>

### **2.Observations of the Mines and Geology Department:**

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at Roopnarayanapet Village. The area is falling 50% width in Manair River on the western side in Peddapalli District and 50 % of Manair River on is eastern side falls in Karimnagar District. The entire area of de-siltation falling in the village limits of Roopnarayanapet, Odela Mandal, Peddapalli district. The available sand deposits for de-siltation are demarcated and recorded Geo-Co-Ordinates in the Map. The sand available in the area is medium to fine grained and it is useful for civil construction purpose.

### **3.Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam is falls in the village limits of Roopnarayanapet village, Odela Mandal, Peddapalli District. In the said area of de-siltation, no pattalands are falling. The width of the river is varying in different places. The average width of the river is 320 mts. Half of the River having with 1100 mts length is falling in Roopnarayanapet Village limits of Odela Mandal, Peddapalli District. The other half part (opposite part)falling in Karimnagar district. The entire submergence area is falling in the limits of Roopnarayanapet village, Odela Mandal, Peddapalli district.

### **4.Observations of the Department of Ground Water:**

It is submitted that as per the field observations, the proposed area for de-siltation of sand under the submergence of check dam at Roopnarayanapet village i.e., the area falling in 50 % of width on the western side in the Manair river.As per GEC 2016-17, The Roopnarayanapet Village falls in PDPL\_E\_22\_Mutharam Manthani Watershed area, which is Categorized as Safe with 17% stage of Extraction. The de-siltation of sand may be carried out strictly with in the submergence of the check dams as specified by the Irrigation department. Moreover, the average depth of ground water level in the area is ranging between 1.5 to 2.0 mts below ground level. The thickness of the sand to be de-silted may not exceed the above-mentioned ground water level, or else/ otherwise there will be adverse effect on ground water table in the surrounding village.

### **5.Observations of M/s TSMDC Ltd.,:**

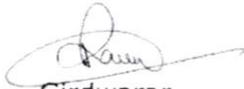
The submergence of Roopnarayanapet check dam is falling in the village limits of Roopnarayanapet Village, Odela Mandal, Peddapalli district. The total length of 1100 mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity 7,04,000 M3 of sand.

### **Conclusion and Recommendation:**

The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence area of check dam falling in Roopnarayanapet village limits of Odela Mandal, Peddapalli district.

The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the de siltation area for a quantity of 7,04,000 M<sup>3</sup> CBM of sand falling in the submergence of Check dam at Roopnarayanapet Village of Telangana State Sand Mining Rules Odela Mandal Peddapalli District may be placed before the DLSC, Peddapalli for taking necessary action as per Rule, 8 & Rule, 20, 2015.

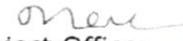
This is submitted for favour of information and for taking further necessary action.



Girdwarar,  
O/o Tahsildar Odela  
Mandal, Peddapalli  
District



Royalty Inspector,  
O/o ADM&G,  
Peddapalli District



Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.



Asst. Hydrogeologist  
O/o DGWO,  
Peddapalli District



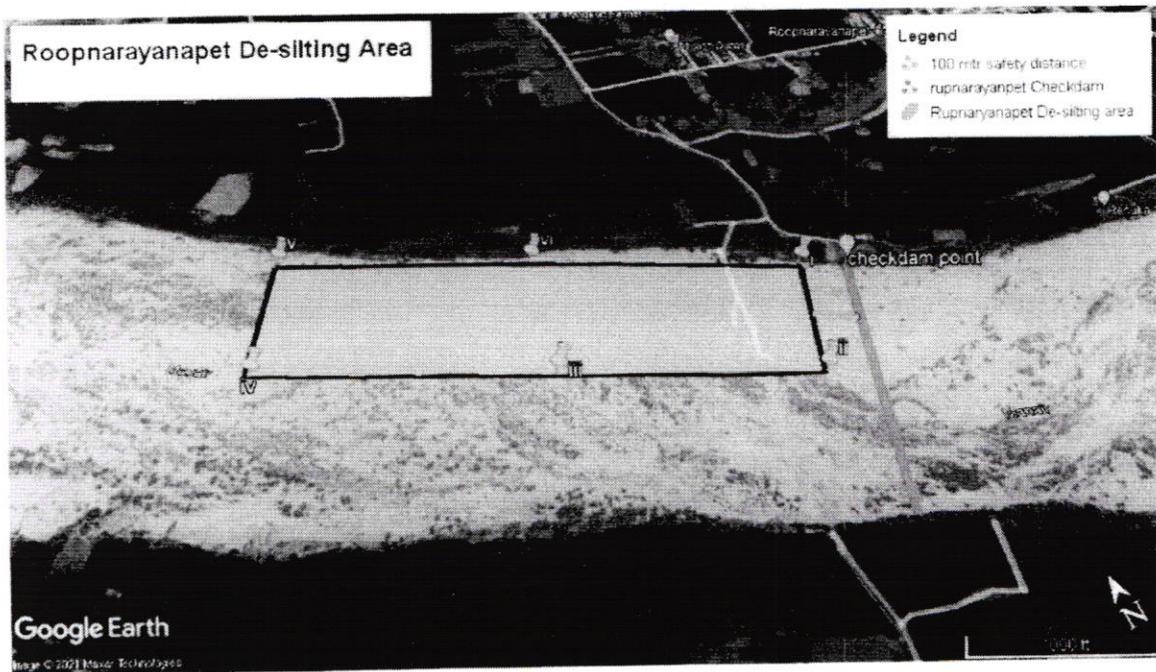
Asst. Executive Engineer,  
I&CADD, Irrigation,  
Div. No. 4  
Peddapalli District.



Dy. Executive Engineer,  
I&CADD, Irrigation,  
Div. No.  
Peddapalli District.

**Roopnarayanapeta Check Dam De-silting area map**

De-silting area name	Length (meters)	Width (meters)	Thickness (meters)	Volume (CBM)	Geo Co-ordinates			Remarks
					Point ID No.	Latitude	Longitude	
Roopnarayanapeta	1100	320	2	7,04,000	i	18° 23' 28.92" N	79° 28' 9.47" E	
					ii	18° 23' 20.49" N	79° 28' 4.63" E	
					iii	18° 23' 28.90" N	79° 27' 49.48" E	
					iv	18° 23' 38.49" N	79° 27' 32.08" E	
					v	18° 23' 47.32" N	79° 27' 37.18" E	
					vi	18° 23' 38.57" N	79° 27' 52.95" E	



*AB*  
*ABR*  
 Irrigation Sub  
 Division No. 4  
 Peddypally

*Chandrababu*  
 Dy. Secy / 2004 / AS / M

**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT INDURTHI VILLAGE OF ODELA  
MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No.4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Manair Vagu in the Peddapalli District.

In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:07.10.2021 as per Rule,8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department & M/s. TSMDC Ltd.,. The entire area of de-siltation of sand falling in the submergence of Indurthi check dam in Manair River has been inspected and surveyed as required under Rule,20 of TSSMR, 2015. The Indurthi check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with a respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 07.10.2021:

Sl.no.	Name of the officer	Designation
1	Sri. V. Prasad	Asst. Executive Engineer, I&CAD, Irrigation, Peddapalli District.
2	Smt.B.Umadevi	Asst. Hydrogeologist O/o District Ground Water Officer, Peddapalli District.
3	Sri V.Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
4	Sri Ch.Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5.	B.Rajender	Revenue Inspector O/o Mandal Tahsildar Odela Mandal.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the Village limits of Indurthi, Odela Mandal, Peddapalli District.
2	River	Manair River.
3	FTL Level	182.850Meters
4	Length of the submergence area in Manair River towards upstream of the check dam.	1800Meters. Entire area falling in the upstream of the check dam
5	Submergence Village limits of the check Dam along with Manair River	North side of Manair River falling in the Village limits of Indurthi Village, Odela Mandal, Peddapalli District. The Southside of the river falls in Karimnagar District limits.

**1.Observations of the I&CAD Department:**

It is observed that the proposed area is falling in Manair River, at Indurthi Village limits of Odela Mandal, Peddapalli District. The Manair river is flowing from West to East. The check dam is being constructed across the river in North-South direction. The area is falling in submergence of check dam of Indurthi Village. As per the field observations the sand deposited with a thickness of about 6.5 mts in the above said submergence area. The sand has to be de-silted 2 mts depth to maintain the water storage capacity of the check dam. The de-siltation of sand in the submergence area of the check dam as detailed below:

**The de-siltation of sand area Upstream of the check dam of Indurthi Village:**

It is submitted that the de-siltation has to be carried out in the submergence area towards South of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map. The area arrived is 1700Mts in length, average Width is 350 Mts and average depth is 2.5 Mts. Thus total quantity of sand to be de-silted arrived at 14,87,500M3. The details are as below:

Reach	Point in Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M3
The de-siltation area Upstream of the check dam of Indurthy Village	1	18°24'8.04"N	79°30'42.53"E	1700	350	2.55	14,87,500
	2	18°23'54.58"N	79°30'42.46"E				
	3	18°23'56.33"N	79°30'31.88"E				
	4	18°23'53.62"N	79°30'18.73"E				
	5	18°23'47.74"N	79°30'7.26"E				
	6	18°23'38.63"N	79°29'56.92"E				
	7	18°23'46.50"N	79°29'51.49"E				
	8	18°23'55.63"N	79°30'1.76"E				
	9	18°24'3.74"N	79°30'13.99"E				
	10	18°24'8.02"N	79°30'29.97"E				
<b>Total Quantity:</b>							<b>14,87,500</b>

**2.Observations of the Mines and Geology Department:**

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at Indurthi Village. The area is falling 50% width in Manair River on the Northern side in Peddapalli District and 50 % of Manair River on the Southern side falls in Karimnagar District. The entire demarcated area of de-siltation falling in the Village limits of Indurthi, Odela Mandal, Peddapalli District. The available sand deposits for de-siltation are demarcated and recorded Geo-Co-Ordinates in the Map. The

sand available in the area is medium to fine grained and it is useful for civil construction purpose.

### **3.Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam falls in the Village limits of Indurthi Village, Odela Mandal, Peddapalli District. In the said area of de-siltation, no pattalands are falling. The width of the river is varying in different places. The average width of the river is 350 mts. Half of the River having with 1700 mts length is falling in Indurthi Village limits of Odela Mandal, Peddapalli District. The other half part of the Manair River (opposite part) falling in Karimnagar District. The entire demarcated submergence area is falling in the limits of Indurthi Village, Odela Mandal, Peddapalli District.

### **4.Observations of the Department of Ground Water:**

It is submitted that as per the field observations, The Proposed area for desiltation of sand under the submergence of Check dam at Indurthi Village i.e. The area falling in 50% of Width on the Western side in the Manair River. As per GEC 2016-17, Indurthi Village falls in PDPL\_E\_22\_Odela Watershed area, which is Categorised as Safe with 51% stage of Extraction. The De-siltation of Sand may be carried out strictly within the Submergence of the Check dam as specified by the Irrigation Department. Moreover, the Average Depth to Ground Water Level in the area is ranging between 2.10 to 2.40 meters below ground level. Hence, The Thickness of Sand to be desilted, may not exceed the abovementioned Ground water Level, or else/otherwise there will be adverse effect on Ground water Table in the Surrounding Village.

### **5.Observations of M/s TSMDC Ltd.:**

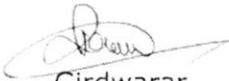
The submergence of Indurthi check dam is falling in the Village limits of Indurthi Village, Odela Mandal, Peddapalli District. The total length of 1700mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity 14,87,500M<sup>3</sup> of sand.

**Conclusion and Recommendation:**

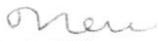
The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach submergence area of check dam falling in Indurthi Village limits of Odela Mandal, Peddapalli District.

The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the de siltation area for a quantity of 14,87,500 CBM of sand falling in the submergence of Check dam at Indurthi Village Odela Mandal Peddapalli District may be placed before the DLSC, Peddapalli for taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

This is submitted for favour of information and for taking further necessary action.

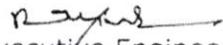
  
Girdwarar,  
O/o Tahsildar Odela  
Mandal, Peddapalli  
District

  
Royalty Inspector,  
O/o ADM&G,  
Peddapalli District

  
Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.

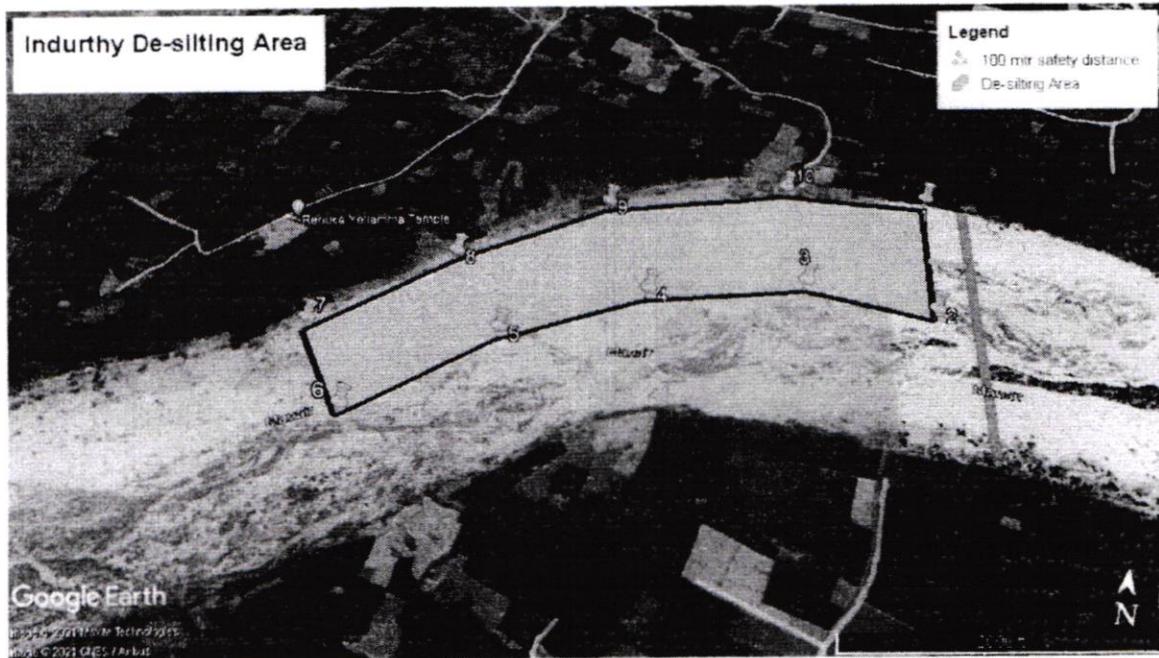
  
Asst. Hydrogeologist  
O/o DGWO,  
Peddapalli District

  
Asst. Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No. 4  
Peddapalli District.

  
Dy. Executive Engineer,  
I&CADD, Irrigation,  
Div. No.  
Peddapalli District.

**Indurthy Check Dam De-silting area map**

De-silting area name	Length (meter s)	Width (meters)	Thickness (meters)	Volume (CBM)	Geo Co-ordinates		Rem arks	
					Point ID No.	Latitude		Longitude
Indurthy	1700	350	2.5	14,87,500	1	18° 24' 8.04" N	79° 30' 42.53"E	
					2	18° 23' 54.58" N	79° 30' 42.46"E	
					3	18° 23' 56.33" N	79° 30' 31.88"E	
					4	18° 23' 53.62" N	79° 30' 18.73"E	
					5	18° 23' 47.74" N	79° 30' 7.26"E	
					6	18° 23' 38.63" N	79° 29' 56.92"E	
					7	18° 23' 46.50" N	79° 29' 51.49"E	
					8	18° 23' 55.63" N	79° 30' 1.76"E	
					9	18° 24' 3.74" N	79° 30' 13.99"E	
					10	18° 24' 8.02" N	79° 30' 29.97"E	



V. P. [Signature]  
 AEE (I.S.D. 4)  
 P. R. D. A. P. A. Y.

[Signature]  
 P. Y. E. E. / I. S. D. 4 / P. R. D. A. P. A. Y.

**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT GUMPULA VILLAGE OF ODELA  
MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No.4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Manair Vagu in the Peddapalli District.

In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:07.10.2021 as per Rule,8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department & M/s TSMDC Ltd.,.The entire area of de-siltation of sand falling in the submergence of Gumpula check dam in Manair River has been inspected and surveyed as required under Rule,20 of TSSMR, 2015.The Gumpula check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 07.10.2021:

Sl.no.	Name of the officer	Designation
1	Sri V.Sravan Kumar	Asst. Executive Engineer, I&CAD,Irrigation, Sub- Division No.3, Srirampur, Peddapalli District.
2	Smt.B.Umadevi	Asst. Hydrogeologist O/o District Ground Water Officer, Peddapalli District.
3	Sri V.Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
4	Sri Ch.Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5.	B.Rajender	Revenue Inspector O/o Mandal Tahsildar Odela Mandal.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the Village limits of Gumpula, Odela Mandal, Peddapalli District.
2	River	Manair River.
3	FTL Level	.....Meters
4	Length of the submergence area in Manair Rivertowards upstream of the check dam.	1300Meters. Entire area falling in the upstream of the check dam
5	Submergence Village limits of the check Dam along with Manair River	North side of Manair River falling in the Village limits of Gumpula Village, Odela Mandal, Peddapalli District. The South side of the river falls in Karimnagar District limits.

## **2.Observations of the Mines and Geology Department:**

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at Gumpula Village. The area is falling 50% width in Manair River on Northern side in Peddapalli District and 50 % of Manair River on Southern side in Karimnagar District. The entire demarcated submergence area of de-siltation falling in the Village limits of Gumpula, Odela Mandal, Peddapalli District. The available sand deposits for de-siltation are demarcated and recorded Geo-Co-Ordinates in the Map. The sand available in the area is medium to fine grained and it is useful for civil construction purpose.

## **3.Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam falls in the Village limits of Gumpula Village, Odela Mandal, Peddapalli District. In the said area of de-siltation, no pattalands are falling. The width of the river is varying in different places. The average width of the river is 320mts. After leaving of 500 mts safety distance from the R&B Bridge (Srirampur to Jammikuta), the demarcated submergence area is arrived in length 690mts towards North side is falling in Gumpula Village limits of Odela Mandal, Peddapalli District. The other half part of the Manair River towards Southern side is (opposite part) falling in Karimnagar District. The entire demarcated submergence area is falling in the Village limits of Gumpula, Odela Mandal, Peddapalli District.

## **4.Observations of the Department of Ground Water:**

It is submitted that as per the field observations, The Proposed area for de-siltation of sand under the submergence of Check dam at Gumpula Village i.e. The area falling in 50% of Width on the Northern side in the Manair River. As per GEC 2016-17, Gumpula Village falls in PDPL\_E\_22\_Odela Watershed area, which is Categorised as Safe with 65% stage of Extraction. The De-siltation of Sand may be carried out strictly within the Submergence of the Checkdam as specified by the Irrigation Department. Moreover, the Average Depth to Ground Water Level in the area is ranging between 3.0 TO 3.20 meters below ground level. Hence, The Thickness of Sand to be desilted, may not exceed the above mentioned

### 1.Observations of the I&CAD Department:

It is observed that the proposed area is falling in Manair River, at Gumpula Village limits of Odela Mandal, Peddapalli District. The Manair river is flowing from North West-South East. The check dam is being constructed across the river in North—South direction. The area towards North side falling in submergence of check dam of Gumpula Village. As per the field observations the sand deposited with a thickness of about 7 mts in the above said submergence area. The sand has to be de-silted 2 mts depth to maintain the water storage capacity of the check dam. The de-siltation of sand in the submergence area of the check dam as detailed below:

#### **The de-siltation of sand area Upstream of the check dam of Gumpula Village:**

It is submitted that the de-siltation has to be carried out in the submergence area towards West of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map. It is noticed that the R&B Bridge passing across the Manair River at Gumpula Village limits, Odela Mandal, Peddapalli District to Thanugula Village of Jammikunta Mandal, Karimnagar District. The R&B Bridge is falling in West part of the submergence area of upstream of check dam. The safety distance of 500 meters maintained towards Eastern side from the R&B Bridge. After leaving of 500 meters safety distance from the R&B Bridge, the submergence area is arrived 690 meters in length, average width of 320 meters and average depth is 2.00 meter towards East of R&B bridge. Thus total quantity of sand to be desilted arrived at 4,41,600 M3. The details are as below:

Reach	Point in Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M3
The de-siltation area Upstream of the check dam of Gumpula Village	i	18°24'7.51"N	79°31'52.71"E	690	320	2	4,41,600
	ii	18°23'57.27"N	79°31'57.69"E				
	iii	18°23'55.49"N	79°31'51.33"E				
	iv	18°23'53.62"N	79°31'43.59"E				
	v	18°23'51.40"N	79°31'32.67"E				
	vi	18°23'59.87"N	79°31'32.32"E				
	vii	18°24'2.26"N	79°31'39.36"E				
	viii	18°24'6.08"N	79°31'47.67"E				
<b>Total Quantity:</b>							<b>4,41,600</b>

Ground water Level, or-else/otherwise there will be adverse effect on Ground water Table in the Surrounding Village.

**5.Observations of M/s TSMDC Ltd.:**

The submergence of Gumpula check dam is falling in the Village limits of Gumpula Village, Odela Mandal, Peddapalli District. The total length of 690mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity 4,41,600M3of sand.

**Conclusion and Recommendation:**

The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence area of check dam falling in Gumpula Village limits of Odela Mandal, Peddapalli District.

The joint inspection report along with map in corporate with Geo-Co-Ordinates showing the de siltation area for a quantity of 4,41,600 CBM of sand falling in the submergence of Check dam at Gumpula Village Odela Mandal Peddapalli District may be placed before the DLSC, Peddapalli for taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

This is submitted for favour of information and for taking further necessary action.



Girdwarar,  
O/o Tahsildar  
OdelaMandal,  
Peddapalli District



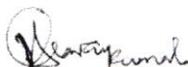
Royalty Inspector,  
O/o ADM&G,  
Peddapalli District



Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.



Asst.Hydrogeologist  
O/o DGWO,  
Peddapalli District



Asst.Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No.3  
Peddapalli District.



Dy.Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No.3  
Peddapalli District.



**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT MIRJAMPET VILLAGE OF  
SRIRAMPUR MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No.4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Manair Vagu in the Peddapalli District.

In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:07.10.2021 as per Rule,8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department & Revenue Department & M/s. TSMDC Ltd., The entire area of de-siltation of sand falling in the submergence of Mirjampet check dam in Manair River has been inspected and surveyed as required under Rule,20 of TSSMR, 2015. The Mirjampet check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 07.10.2021:

Sl.no.	Name of the officer	Designation
1	Sri V.Sravan Kumar	Asst. Executive Engineer, I&CAD, Irrigation, Sub- Division No., , Peddapalli District.
2	Smt.B.Umadevi	Asst. Hydrogeologist O/o District Ground Water Officer, Peddapalli District.
3	Sri V.Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
4	Sri Ch.Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5.	Md.Nawasuddin	Girdawar-I O/o Mandal Thahsildar Kalva Srirampur Mandal.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the village limits of Mirjampet, Srirampur Mandal, Peddapalli District.
2	River	Manair River.
3	FTL Level	..... Meters
4	Length of the submergence area in Manair River towards upstream of the check dam.	800Meters. Entire area falling in the upstream of the check dam
5	Submergence village limits of the check Dam along with Manair River	West side of Manair River falling in the village limits of Mirjampet Village, Srirampur Mandal, Peddapalli District. The East side of the river falls in Karimnagar district limits.

### **1.Observations of the I&CAD Department:**

It is observed that the proposed area is falling in Manair River, at Mirjampet Village limits of Kalva Srirampur Mandal, Peddapalli District. The Manair River is flowing from South to North. The check dam is being constructed across the river in East—West direction. The area is falling in submergence of check dam of Mirjampet Village. As per the field observations the sand is deposited with a thickness of about 6mts in the above said submergence area. The sand has to be de-silted 2.5 mts depth to maintain the water storage capacity of the check dam. The de-siltation of sand in the submergence area of the check dam as detailed below:

#### **The de-siltation of sand area Upstream of the check dam of Mirjampet Village:**

It is submitted that the de-siltation has to be carried out in the submergence area towards South of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map. The area arrived is 1800Mts in length, average Width is 225 Mts and average depth is 2.5 Mts. Thus total quantity of sand to be de-silted arrived at 3,93,750M<sup>3</sup>. The details are as below:

Reach	Point in Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M <sup>3</sup>
The de-siltation area Upstream of the check dam of Mirjampet Village	1	18°25'5.05"N	79°33'19.10"E	700	225	2.5	3,93,750
	2	18°24'58.64"N	79°33'23.28"E				
	3	18°24'53.83"N	79°33'17.29"E				
	4	18°24'43.79"N	79°33'5.28"E				
	5	18°24'49.77"N	79°33'1.32"E				
	6	18°24'58.25"N	79°33'11.96"E				
<b>total Quantity:</b>							<b>3,93,750</b>

### **2. Observations of the Mines and Geology Department:**

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at Mirjampet Village. The area is falling 50% width in Manair River on its western side in Peddapalli District and 50 % of Manair River on the eastern side falls in Karimnagar District. The entire demarcated area of de-siltation falling in the village limits of Mirjampet, Srirampur Mandal, Peddapalli district. The available sand deposits for de-siltation are demarcated and recorded Geo-Co-Ordinates in the Map. The sand available in the area is medium to fine grained and it is useful for civil construction purpose.

### **3.Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam is falls in the village limits of Mirjampet village, Srirampur Mandal, Peddapalli District. In the said area of de-siltation, no pattalands are falling. The width of the river is varying in different places. The average width of the river is 245mts. Half of the River having with 1800 mts length is falling in Mirjampet Village limits of Kalva Srirampur Mandal, Peddapalli District. The other half part (opposite part) falling in Karimnagar district. The entire demarcated submergence area is falling in the limits of Mirjampet village, Kalva Srirampur Mandal, Peddapalli district.

### **4.Observations of the Department of Ground Water:**

It is submitted that as per the field observations, The Proposed area for desiltation of sand under the submergence of Check dam at Mirzampet village i.e. The area falling in 50% of Width on the Western side in the Manair River. As per GEC 2016-17, The Mirzampet Village falls in PDPL\_E\_22\_Odela Watershed area, Basin is Categorised as Safe with 51% stage of Extraction. The Desiltation of Sand may be carried out strictly within the Submergence of the Check dam as specified by the Irrigation Department. Moreover, the Average Depth to Ground Water Level in the area is ranging between 3.0 TO 3.20 metres below ground level. Hence, The Thickness of Sand to be desilted, may not exceed the above mentioned Ground water Level, or else/otherwise there will be adverse effect on Ground water Table in the Surrounding village.

### **5.Observations of M/s TSMDC Ltd.,:**

The submergence of Mirjampet check dam is falling in the village limits of Mirjampet Village, Srirampur Mandal, Peddapalli district. The total length of 700mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity 3,93,750 M3 of sand.

### **Conclusion and Recommendation:**

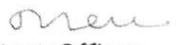
The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence area of check dam falling in Mirjampet village limits of Srirampur Mandal, Peddapalli district.

The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the de siltation area for a quantity of 3,93,750 CBM of sand falling in the submergence of Check dam at Mirjampet Village Srirampur Mandal Peddapalli District may be placed before the DLSC, Peddapalli for taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

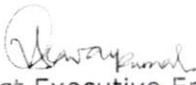
This is submitted for favour of information and for taking further necessary action.

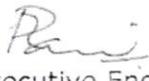
  
Girdwarar,  
O/o Tahsildar  
SrirampurMandal,  
Peddapalli District

  
Royalty Inspector,  
O/o ADM&G,  
Peddapalli District

  
Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.

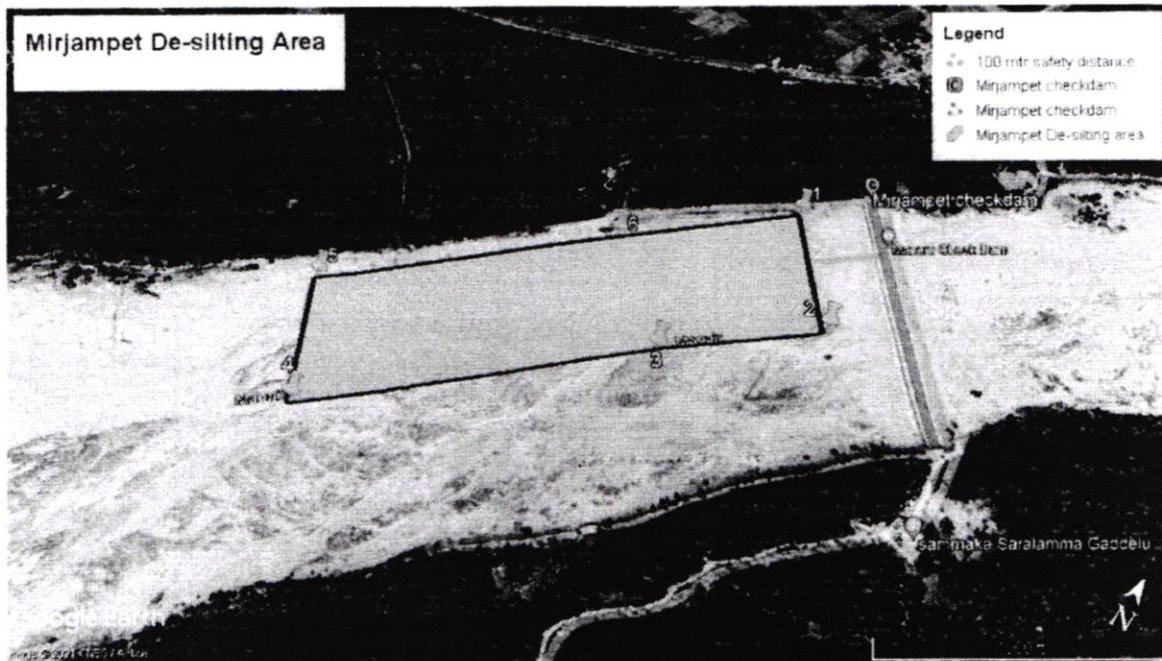
  
Asst. Hydrogeologist  
O/o DGWO,  
Peddapalli District

  
Asst. Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No.3,  
Peddapalli District.

  
Dy. Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No.3,  
Peddapalli District.

**Mirjampet Check Dam De-silting area map**

De-silting area name	Length (meters)	Width (meters)	Thickness (meters)	Volume (CBM)	Geo Co-ordinates			Remarks
					Point ID No.	Latitude	Longitude	
Mirjampet	700	225	2.5	3,93,750	1	18° 25' 5.05" N	79° 33' 19.10" E	
					2	18° 24' 58.64" N	79° 33' 23.28" E	
					3	18° 24' 53.83" N	79° 33' 17.29" E	
					4	18° 24' 43.79" N	79° 33' 5.28" E	
					5	18° 24' 49.77" N	79° 33' 1.32" E	
					6	18° 24' 59.25" N	79° 33' 11.96" E	



*Manoj Kumar*  
 AE/ISNS/KSPR

*Ravi*  
 Deputy Executive Engineer  
 Irrigation Sub-Divn. No. 3  
 KALVASRIRAMPUR

**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT KISTAMPET VILLAGE OF  
SRIRAMPUR MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No.4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Manair Vagu in the Peddapalli District.

In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:07.10.2021 as per Rule,8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department & M/s. TSMDC Ltd., The entire area of de-siltation of sand falling in the submergence of Kistampet check dam in Manair River has been inspected and surveyed as required under Rule,20 of TSSMR, 2015. The Kistampet check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with a respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 07.10.2021:

Sl.no.	Name of the officer	Designation
1	Sri V. Sravan Kumar	Asst. Executive Engineer, I&CAD, Irrigation, Sub- Division No.3, Kalvasrampur, Peddapalli District.
2	Smt. B. Umadevi	Asst. Hydrogeologist O/o District Ground Water Officer, Peddapalli District.
3	Sri V. Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
4	Sri Ch. Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5.	Mohd. Nawauddin	Girdawar-I O/o Mandal Thahsildar Srirampur Mandal.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the village limits of Kistampet, Srirampur Mandal, Peddapalli District.
2	River	Manair River.
3	FTL Level	164.5 Meters
4	Length of the submergence area in Manair River towards upstream of the check dam.	1000 Meters. Entire area falling in the upstream of the check dam
5	Submergence village limits of the check Dam along with Manair River	West side of Manair River falling in the village limits of Kistampet Village, Srirampur Mandal, Peddapalli District. The East side of the river falls in Karimnagar district limits.

### **1.Observations of the I&CAD Department:**

It is observed that the proposed area is falling in Manair River, at Kistampet Village limits of Srirampur Mandal, Peddapalli District. The Manair river is flowing from South to North. The check dam is being constructed across the river in East—West direction. The area is falling in submergence of check dam of Kistampet Village. As per the field observations the sand deposited with a thickness of about 6mts in the above said submergence area. The sand has to be de-silted 2 mts depth to maintain the water storage capacity of the check dam. The de-siltation of sand in the submergence area of the check dam as detailed below:

### **The de-siltation of sand area Upstream of the check dam of Kistampet Village:**

It is submitted that the de-siltation has to be carried out in the submergence area towards South of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map. The area arrived is 900 Mts in length, average Width is 360 Mts and average depth is 2.0 Mts. Thus total quantity of sand to be de-silted arrived at 8,10,000M<sup>3</sup>. The details are as below:

Reach	Point in Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M <sup>3</sup>
The de-siltation area Upstream of the check dam of Kistampet Village	1	18°27'41.18"N	79°35'5.60"E	900	360	2.5	8,10,000
	2	18°27'46.73"N	79°35'17.52"E				
	3	18°27'35.11"N	79°35'18.02"E				
	4	18°27'24.62"N	79°35'21.20"E				
	5	18°27'15.19"N	79°35'23.86"E				
	6	18°27'12.57"N	79°35'12.01"E				
	7	18°27'21.60"N	79°35'10.17"E				
	8	18°27'31.41"N	79°35'6.73"E				
<b>total Quantity:</b>							<b>8,10,000</b>

### **2.Observations of the Mines and Geology Department:**

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at Kistampet Village. The area is falling 50% width in Manair River on its western side in Peddapalli District and 50 % of Manair River on the eastern side falls in Jayashankar Bhupalpally District. The entire demarcated area of de-siltation falling in the village limits of Kistampet, Srirampur Mandal, Peddapalli district. The available sand deposits for de-siltation are demarcated and recorded Geo-Co-Ordinates in

the Map. The sand available in the area is medium to fine grained and it is useful for civil construction purpose.

**3.Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam is falls in the village limits of Kistampet village, Srirampur Mandal, Peddapalli District. In the said area of de-siltation, no pattalands are falling. The width of the river is varying in different places. The average width of the river is 360 mts. The half of the River having with 900 mts length is falling in Kistampet Village limits of Srirampur Mandal, Peddapalli District. The other half part (opposite part) falling in Jayashankar Bhupalpally district. The entire demarcated submergence area is falling in the limits of Kistampet village, Srirampur Mandal, Peddapalli district.

**4.Observations of the Department of Ground Water:**

It is submitted that as per the field observations, The Proposed area for de siltation of sand under the submergence of Check dam at Kistampet village i.e. The area falling in 50% of Width on the Western side in the Manair River. As per GEC 2016-17, Kistampet Village falls in PDPL\_E\_22\_Odela Watershed area, which is Categorised as Semi critical with 89% stage of Extraction. The Desiltation of Sand may be carried out strictly within the Submergence of the Check dam as specified by the Irrigation Department. Moreover, the Average Depth to Ground Water Level in the area is ranging between 2.5-2.8 metres below ground level. Hence, The Thickness of Sand to be desilted, may not exceed the above mentioned Ground water Level, or else/otherwise there will be adverse effect on Ground water Table in the Surrounding village.

**5.Observations of M/s TSMDC Ltd.,:**

The submergence of Kistampet check dam is falling in the village limits of Kistampet Village, Srirampur Mandal, Peddapalli district. The total length of 900 mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity 8,10,000 M3of sand.

**Conclusion and Recommendation:**

The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence area of check dam falling in Kistampet village limits of Srirampur Mandal, Peddapalli district.

The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the de-siltation area for a quantity of 8,10,000 CBM of sand falling in the submergence of Check dam at Kistampet Village Srirampur Mandal Peddapalli District may be placed before the DLSC, Peddapalli for taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

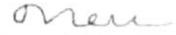
This is submitted for favour of information and for taking further necessary action.



Girdwarar,  
O/o Tahsildar  
SrirampurMandal,  
Peddapalli District



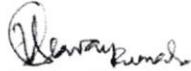
Royala Inspector,  
O/o ADM&G,  
Peddapalli District



Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.



Asst. Hydrogeologist  
O/o DGWO,  
Peddapalli District



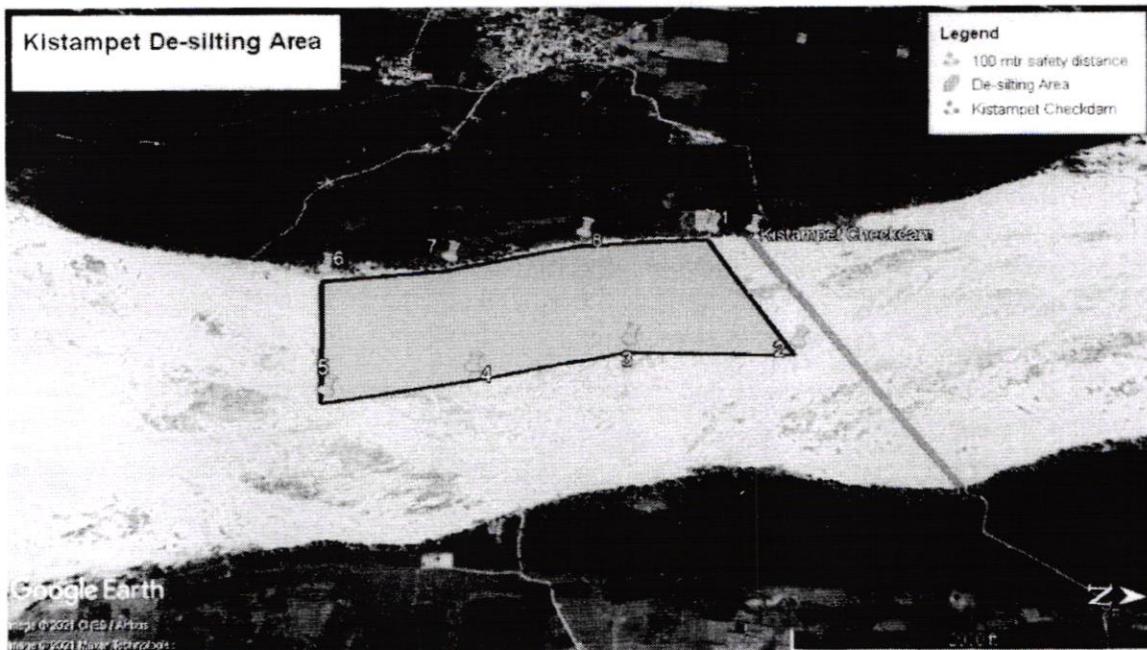
Asst. Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No.3  
Peddapalli District.



Dy. Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No.3  
Peddapalli District.

**Kistampet Check Dam De-silting area map**

De-silting area name	Length (meters)	Width (meters)	Thickness (meters)	Volume (CBM)	Geo Co-ordinates			Remarks
					Point ID No.	Latitude	Longitude	
Kistampet	900	360	2.5	8,10,000	1	18° 27' 41.18" N	79° 35' 5.60"E	
					2	18° 27' 46.73" N	79° 35' 17.52"E	
					3	18° 27' 35.11" N	79° 35' 18.02"E	
					4	18° 27' 24.62" N	79° 35' 21.20"E	
					5	18° 27' 15.19" N	79° 35' 23.86"E	
					6	18° 27' 12.57" N	79° 35' 12.01"E	
					7	18° 27' 21.60" N	79° 35' 10.17"E	
					8	18° 27' 31.41" N	79° 35' 6.73"E	



*Devaraj Kumar*  
 AE/ISD/RSK

*Ravi*  
 Deputy Executive Engineer  
 Irrigation Sub-Divn. No. 3  
 KALVASRIRAMPUR

**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT MOTLAPALLY VILLAGE OF  
SRIRAMPUR MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No.4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Manair Vagu in the Peddapalli District.

In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:07.10.2021 as per Rule,8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department & M/s. TSMDC Ltd., The entire area of de-siltation of sand falling in the submergence of Motlapally check dam in Manair River has been inspected and surveyed as required under Rule,20 of TSSMR, 2015. The Motlapally check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with a respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 07.10.2021:

Sl.no.	Name of the officer	Designation
1	Sri.V.Sravan Kumar	Asst. Executive Engineer, I&CAD, Irrigation, Sub- Division No.3, Kalvasrirampur, Peddapalli District.
2	Smt.B.Umadevi	Asst. Hydrogeologist O/o District Ground Water Officer, Peddapalli District.
3	Sri V.Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
4	Sri Ch.Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5.	Md.Nawajuddin	Revenue Inspector O/o. Mandal Tahsildar Srirampur Mandal.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the village limits of Motlapally, Srirampur Mandal, Peddapalli District.
2	River	Manair River.
3	FTL Level	159.40 Meters
4	Length of the submergence area in Manair River towards upstream of the check dam.	800 Meters. Entire area falling in the upstream of the check dam
5	Submergence village limits of the check Dam along with Manair River	West side of Manair River falling in the village limits of Motlapally Village, Srirampur Mandal, Peddapalli District. The East side of the river falls in Karimnagar district limits.

**1.Observations of the I&CAD Department:**

It is observed that the proposed area is falling in Manair River, at Motlapally Village limits of Srirampur Mandal, Peddapalli District. The Manair river is flowing from South to North. The check dam is being constructed across the river in East—West direction. The area is falling in submergence of check dam of Motlapally Village. As per the field observations the sand deposited with a thickness of about 6mts in the above said submergence area. The sand has to be de-silted 2.5 mts depth to maintain the water storage capacity of the check dam. The de-siltation of sand in the submergence area of the check dam as detailed below:

**The de-siltation of sand area Upstream of the check dam of Motlapally Village:**

It is submitted that the de-siltation has to be carried out in the submergence area towards South of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map. The area arrived is 700 Mts in length, average Width is 230 Mts and average depth is 2.5 Mts. Thus total quantity of sand to be de-silted arrived at 4,02,500 M<sup>3</sup>. The details are as below:

Reach	Point in Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M <sup>3</sup>
The de-siltation area Upstream of the check dam of Motlapally Village	a	18°29'53.37"N	79°35'13.99"E	700	230	2.5	4,02,500
	b	18°29'48.17"N	79°35'19.47"E				
	c	18°29'40.56"N	79°35'7.71"E				
	d	18°29'34.78"N	79°35'0.04"E				
	e	18°29'38.91"N	79°34'55.39"E				
	f	18°29'44.95"N	79°35'3.86"E				
<b>total Quantity:</b>							<b>4,02,500</b>

**2.Observations of the Mines and Geology Department:**

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at Motlapally Village. The area is falling 50% width in Manair River on the western side in Peddapalli District and 50 % of Manair River on its eastern side falls in Karimnagar District. The entire demarcated area of de-siltation falling in the village limits of Motlapally, Srirampur Mandal, Peddapalli district. The available sand deposits for de-siltation are demarcated and recorded Geo-Co-Ordinates in the Map. The sand available in the area is medium to fine grained and it is useful for civil construction purpose.

### **3.Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam is falls in the village limits of Motlapally village, Srirampur Mandal, Peddapalli District. In the said area of de-siltation, no pattalands are available. The width of the river is varying in different places. The average width of the river is 230mts. Half of the River having wit700 mtslength is falling in Motlapally Village limits of Srirampur Mandal, Peddapalli District. The other half part (opposite part)falling in Karimnagar district.The entire demarcated submergenceareais falling in the limits of Motlapally village, Srirampur Mandal, Peddapalli district.

### **4.Observations of the Department of Ground Water:**

It is submitted that as per the field observations, The Proposed area for desiltation of sand under the submergence of Check dam at Motlapally village i.e. The area falling in 50% of Width on the Western side in the Manair River. As per GEC 2016-17, Motlapally Village falls in PDPL\_E\_22\_Julapalli Watershed area, Basin is Categorised as Safe with 53.5% stage of Extraction. The Desiltation of Sand may be carried out strictly within the Submergence of the Check dam as specified by the Irrigation Department. Moreover, the Average Depth to Ground Water Level in the area is ranging between 2.1 to 2.30m below ground level. Hence, The Thickness of Sand to be desilted, may not exceed the above mentioned Ground water Level, or else/otherwise there will be adverse effect on Ground water Table in the Surrounding village.

### **5.Observations of M/s TSMDC Ltd.,:**

The submergence of Motlapally check dam is falling in the village limits of Motlapally Village, Srirampur Mandal, Peddapalli district. The total length of 700mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity 4,02,500M3of sand.

### **Conclusion and Recommendation:**

The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence area of check dam falling in Motlapally village limits of Srirampur Mandal, Peddapalli district.

The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the de siltation area for a quantity of 4,02,500 CBM of sand falling in the submergence of Check dam at Motlapally Village Srirampur Mandal Peddapalli District may be placed before the DLSC, Peddapalli for taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

This is submitted for favour of information and for taking further necessary action.



Girdwarar,  
O/o Tahsildar  
SrirampurMandal,  
Peddapalli District



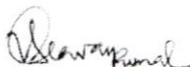
Royalty Inspector,  
O/o ADM&G,  
Peddapalli District



Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.



Asst. Hydrogeologist  
O/o DGWO,  
Peddapalli District



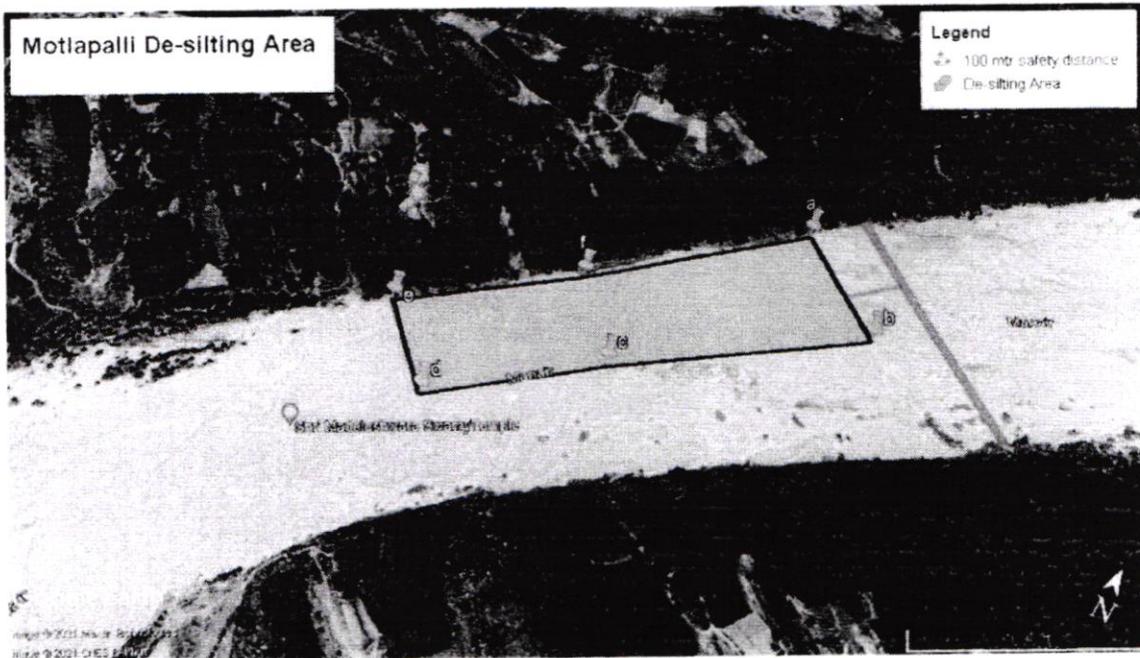
Asst. Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No. 3  
Peddapalli District.



Dy. Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No. 3  
Peddapalli District.

**Motlapally Check Dam De-silting area map**

De-silting area name	Length (meters)	Width (meters)	Thickness (meters)	Volume (CBM)	Geo Co-ordinates			Remarks
					Point ID No.	Latitude	Longitude	
Motlapally	700	230	2.5	4,02,500	a	18° 29' 53.37" N	79° 35' 13.99" E	
					b	18° 29' 48.17" N	79° 35' 19.47" E	
					c	18° 29' 40.56" N	79° 35' 7.71" E	
					d	18° 29' 34.78" N	79° 35' 0.04" E	
					e	18° 29' 38.91" N	79° 34' 55.39" E	
					f	18° 29' 44.95" N	79° 35' 3.86" E	



*Deviyay Kunal*  
 AE/I SD3/KSPR

*Ravi*  
 Deputy Executive Engineer  
 Irrigation Sub-Divn. No. 3  
 KALVASRIRAMPUR

**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT PEDDARATHPALLE VILLAGE OF  
SRIRAMPUR MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No. 4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Hussainmiya Vagu in the Peddapalli District. In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:28.10.2021 as per Rule, 8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department & M/s. TSMDC Ltd., The entire area of de-siltation of sand falling in the submergence of Peddarathpalli check dam in Hussainmiya Vagu has been inspected and surveyed as required under Rule, 20 of TSSMR, 2015. The Peddarathpalli check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with a respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 28.10.2021:

Sl.no.	Name of the officer	Designation
1	Sri Sravan Kumar	Asst. Executive Engineer, I&CAD, Irrigation, Peddapalli District.
2	Sri V.Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
3	Sri. Ch. Venu	Asst. Hydrologist O/o District Ground Water Officer, Peddapalli District.
4	Sri Ch.Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5	Md. Navazuddin	Girdawar-I O/o Mandal Tahsildar Peddarathpalli Mandal.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the Village limits of Peddarathpalli, Srirampur Mandal, Peddapalli District.
2	River	Hussainmiya Vagu.
3	FTL Level	..... Meters
4	Length of the submergence area in Hussainmiya Vagu towards upstream of the check dam.	500 Meters. Entire area falling in the upstream of the check dam
5	Submergence Villages limits of the check Dam along with Hussainmiya Vagu	The total submergence area is in Hussainmiya Vagu falling in the Villages limits of Peddarathpalli Village Srirampur Mandal Mandal, Peddapalli District.

**Observations of the I&CAD Department:**

It is submitted that the de-siltation has to be carried out in the submergence area towards West of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map. It is noticed that the R&B Bridge passing across the Hussaiymiya Vagu at Peddarathpalli Village limits, Srirampur Mandal to Chinnarathpalli Village of Srirampur Mandal, Peddapalli District. The R&B Bridge is falling in North-West part of the submergence area of upstream of check dam. The safety distance of 500 meters maintained towards Eastern side from the R&B Bridge. After leaving of 500 meters safety distance from the R&B Bridge, the submergence area is not available.

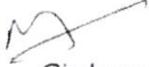
The details are as below:

Reach	Point in Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M3	
The de-siltation area Upstream of the check dam of Peddarathpalli Village	i	18° 29' 15.87" N	79° 33' 44.55" E					
	ii	18° 29' 12.50" N	79° 33' 44.66" E					
	iii	18° 29' 20.53" N	79° 33' 31.74" E					
	iv	18° 29' 16.90" N	79° 33' 31.82" E					
<b>Total Quantity:</b>								

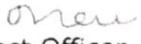
**Conclusion and Recommendation:**

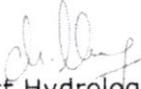
The joint inspection team has not recommended for issue of permission for de-siltation of sand as the entire demarcated area falls under 500 mtrs safety distance of R&B Bridge which passing across the Hussaiynmiya Vagu from Peddarathpally to Chinnarathpalli of Srirampur Mandal Peddapalli District.

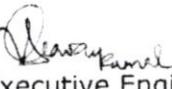
This is submitted for favour of information and for taking further necessary action.

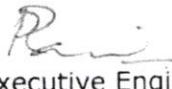
  
Girdwarar,  
O/o Tahsildar  
Srirampur Mandal,  
Peddapalli District

  
Royalty Inspector,  
O/o ADM&G,  
Peddapalli District

  
Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.

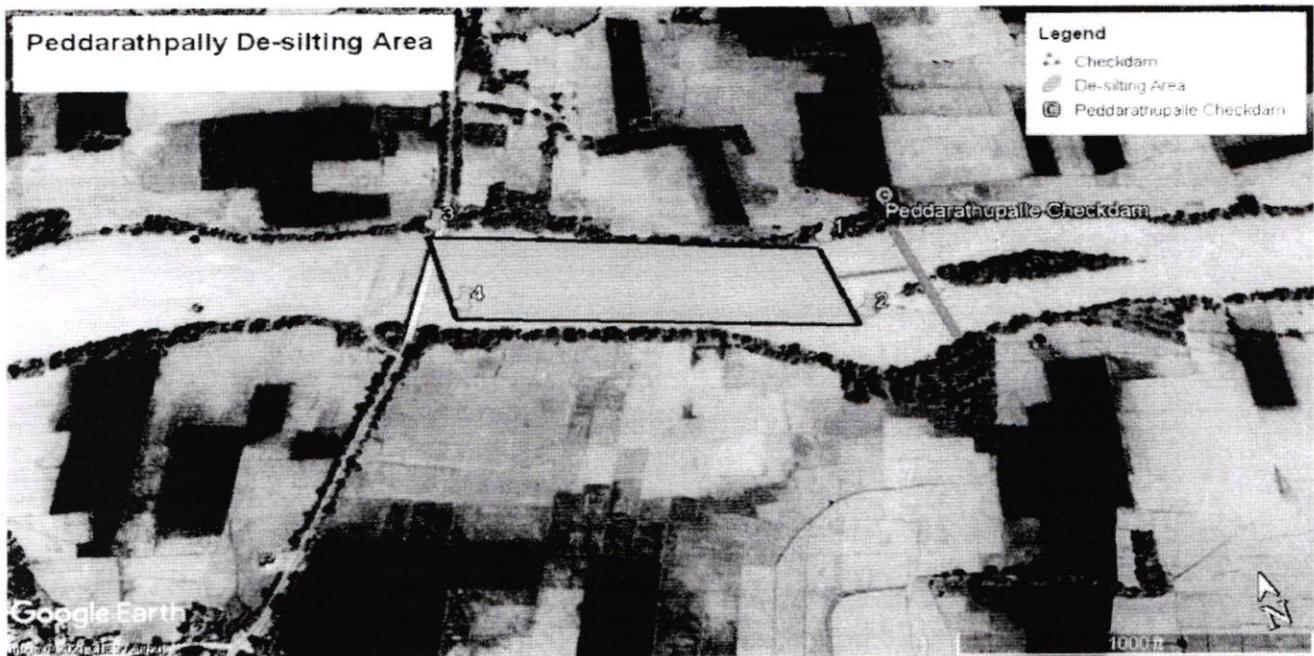
  
Asst. Hydrologist  
O/o DGWO,  
Peddapalli District

  
Asst. Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No. 3  
Peddapalli District.

  
Dy. Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No. 3  
Peddapalli District.

**Peddarathpalle Check Dam De-silting area map**

De-silting area name	Length (meters)	Width (meters)	Thickness (meters)	Volume (CBM)	Geo Co-ordinates			Remarks
					Point ID No.	Latitude	Longitude	
Peddarathpalle	400	100	1	40,000	1	18° 29' 15.87" N	79° 33' 44.55"E	
					2	18° 29' 12.50" N	79° 33' 44.66"E	
					3	18° 29' 20.53" N	79° 33' 31.74"E	
					4	18° 29' 16.90" N	79° 33' 31.82"E	



*Wenayakumal*  
 AE / ISDS / KSPR

*Ravi*  
 Deputy Executive Engineer  
 Irrigation Sub-Divn. No. 3  
 KALVASHIRAMPUR

70  
82

**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT CHINNARATHPALLI VILLAGE OF  
SRIRAMPUR MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No. 4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Hussainmiya Vagu in the Peddapalli District. In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:28.10.2021 as per Rule, 8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department & M/s. TSMDC Ltd., The entire area of de-siltation of sand falling in the submergence of Chinnarathpalli check dam in Hussainmiya Vagu has been inspected and surveyed as required under Rule, 20 of TSSMR, 2015. The Chinnarathpalli check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with a respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 28.10.2021:

Sl.no.	Name of the officer	Designation
1	Sri Sravan Kumar	Asst. Executive Engineer, I&CAD, Irrigation, Peddapalli District.
2	Sri V. Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
3	Sri. Ch. Venu	Asst. Hydrologist O/o District Ground Water Officer, Peddapalli District.
4	Sri Ch. Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5	Md. Navazuddin	Girdawar-I O/o Mandal Tahsildar Srirampur Mandal.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the Village limits of Chinnarathpalli, Srirampur Mandal, Peddapalli District.
2	River	Hussainmiya Vagu.
3	FTL Level	.....Meters
4	Length of the submergence area in Hussainmiya Vagu towards upstream of the check dam.	500 Meters. Entire area falling in the upstream of the check dam
5	Submergence Villages limits of the check Dam along with Hussainmiya Vagu	The total submergence area is in Hussainmiya Vagu falling in the Villages limits of Chinnarathpalli, Srirampur Mandal, Peddapalli District.

**1. Observations of the I&CAD Department:**

It is observed that the proposed area is falling in HussainmiyaVagu, at Chinnarathpalli, Villagelimits of SrirampurMandal,PeddapalliDistrict.The HussainmiyaVaguis flowing from North-West to South-East. The check dam is being constructed across the river in North East—South West direction.The area is falling in submergence of check dam of ChinnarathpalliVillage. As per the field observations the sand is deposited with a thickness of about 3.5mts in the above said submergence area.The sand has to be de-silted 1 mts depth to maintain the water storage capacity of the check dam.The de-siltation of sand in the submergence area of the check dam as detailed below:

**The de-siltation of sand area Upstream of the check dam of ChinnarathpalliVillage :**

It is submitted that the de-siltation has to be carried outin the submergence area towards West of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map.The area arrived is 400 Mtsinlength,Width is 95 Mts and average depth is 1.0Mts.Thus total quantity of sand to be desilted arrived at 38,000M3. The details are as below:

Reach	Point in Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M3
The de-siltation area Upstream of the check dam of Chinnarathpalli Village	1	18° 29' 30.61" N	79° 32' 42.34"E	400	95	1	38,000
	2	18° 29' 28.53" N	79° 32' 40.23"E				
	3	18° 29' 33.67" N	79° 32' 37.09"E				
	4	18° 29' 39.18" N	79° 32' 32.44"E				
	5	18° 29' 41.58" N	79° 32' 35.05"E				
	6	18° 29' 35.71" N	79° 32' 38.87"E				
<b>Total Quantity:</b>							<b>38,000</b>

**2.Observations of the Mines and Geology Department:**

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at Chinnarathpalli, PeddarathpalliVillage limits of Srirampur Mandal Peddapalli District. The total demarcated submergence area is in HussaymiyaVaguin PeddapalliDistrict. The entire submergence areaof de-siltation falling in the limits of Chinnarathpalli,PeddarathpalliVillageSrirampurMandal, Peddapalli District. The available sand depositsfor de-siltation are demarcated and recorded

Geo-Co-Ordinate in the Map. The sand available in the area is medium to fine grained and it is useful for civil construction purpose.

### **3. Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam falls in the limits of Chinnarathpalli, Peddarathpalli Village, Srirampur Mandal, Peddapalli District. In the said area of de-siltation, no pattalands are falling. The width of the river is varying in different places. The total width of the river is 95 mts. The length of submergence area is of 400 mts falling in Chinnarathpalli and Peddarathpalli Villages limits of Srirampur Mandal, Peddapalli District. The entire demarcated submergence area is falling in the limits of Chinnarathpalli, Peddarathpalli and Srirampur Mandal, Peddapalli District.

### **4. Observations of the Department of Ground Water:**

It is submitted that as per the field observations, The Proposed area for desiltation of sand under the submergence of Check dam at Chinnarathpalli village i.e. The entire area falls in Chinnarathpalli, Peddarathpalli Village limits in Hussainmiya Vagu. As per GEC 2016-17, The Chinnarathpalli & Peddarathpalli Villages falls in PDPL\_E\_22\_Mutharam (manthani) Watershed area, Basin is Categorized as Safe with 65% stage of Extraction. The Desiltation of Sand may be carried out strictly within the Submergence of the Checkdam as specified by the Irrigation Department. Moreover, the Average Depth to Ground Water Level in the area is ranging between 2.0 TO 2.10 metres below ground level. Hence, The Thickness of Sand to be desilted, may not exceed the above mentioned Ground water Level, or else/otherwise there will be adverse effect on Ground water Table in the Surrounding village.

### **5. Observations of M/s TSMDC Ltd.:**

The submergence of Chinnarathpalli check dam is falling in the Village limits of Chinnarathpalli and Peddarathpalli of Srirampur Mandal, Peddapalli District. The total length of submergence 400 mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity of 38,000 M<sup>3</sup> of sand.

### **Conclusion and Recommendation:**

The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence

area of check dam falling in Chinnarathpalli, Peddarathpalli Village limits of Srirampur Mandal, Peddapalli District.

The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the desiltation area for a quantity of 38,000 CBM of sand falling in the submergence of Check dam at Chinnarathpalli Village Srirampur Mandal Peddapalli District may be placed before the DLSC, Peddapalli for taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

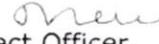
This is submitted for favour of information and for taking further necessary action.



Girdwarar,  
O/o Tahsildar  
Srirampur Mandal,  
Peddapalli District



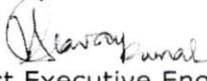
Royalty Inspector,  
O/o ADM&G,  
Peddapalli District



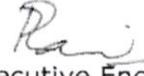
Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.



Asst. Hydrologist  
O/o DGWO,  
Peddapalli District



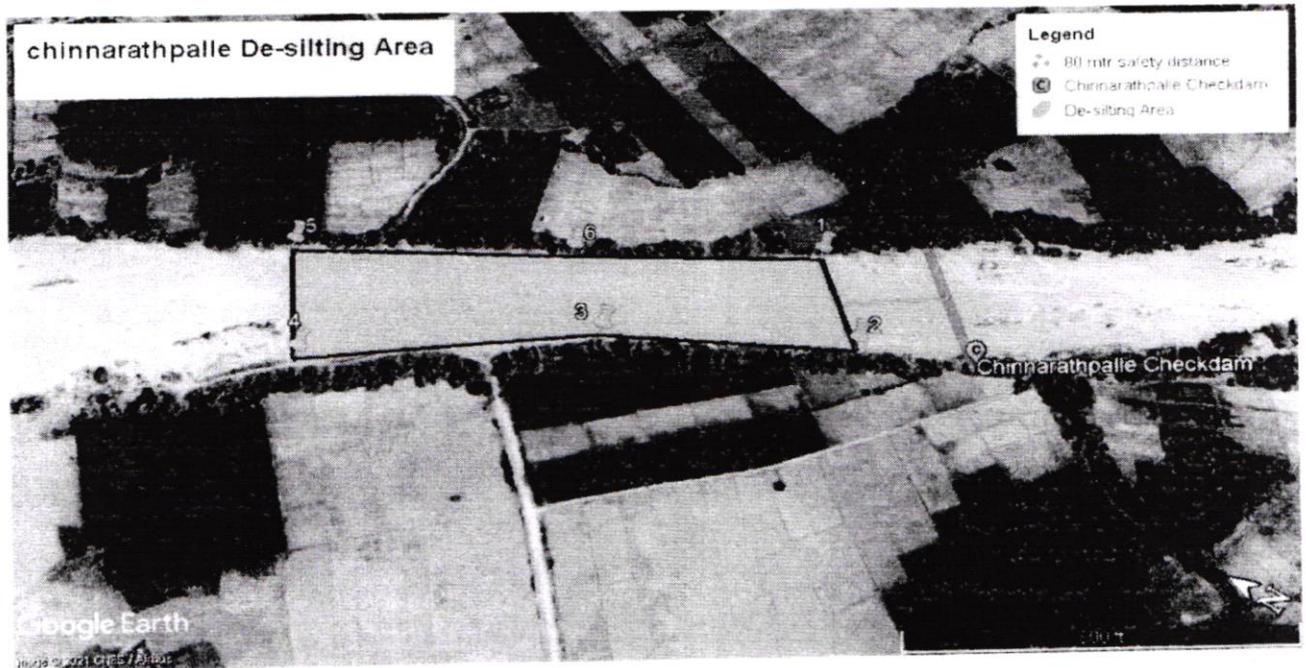
Asst. Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No.3  
Peddapalli District.



Dy. Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No.3  
Peddapalli District.

**Chinnarathpalle Check Dam De-silting area map**

De-silting area name	Length (meters)	Width (meters)	Thickness (meters)	Volume (CBM)	Geo Co-ordinates			Remarks
					Point ID No.	Latitude	Longitude	
Chinnarathpalle	400	95	1	38,000	1	18° 29' 30.61" N	79° 32' 42.34" E	
					2	18° 29' 28.53" N	79° 32' 40.23" E	
					3	18° 29' 33.67" N	79° 32' 37.09" E	
					4	18° 29' 39.18" N	79° 32' 32.44" E	
					5	18° 29' 41.58" N	79° 32' 35.05" E	
					6	18° 29' 35.71" N	79° 32' 38.87" E	



*Henry Kunal*  
 -AE/ISDS/KSR

*Rani*  
 Deputy Executive Engineer  
 Irrigation Sub-Divn. No. 3  
 KALVASRIRAMPUR

**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT SRIRAMPURVILLAGE OF  
SRIRAMPUR MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No. 4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Hussainmiya Vagu in the Peddapalli District. In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:28.10.2021 as per Rule, 8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department & M/s. TSMDC Ltd., The entire area of de-siltation of sand falling in the submergence of Srirampur check dam in Hussainmiya Vagu has been inspected and surveyed as required under Rule, 20 of TSSMR, 2015. The Srirampur check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with a respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 28.10.2021:

Sl.no.	Name of the officer	Designation
1	Sri Sravan Kumar	Asst. Executive Engineer, I&CAD, Irrigation, Peddapalli District.
2	Sri V. Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
3	Sri. Ch. Venu	Asst. Hydrologist O/o District Ground Water Officer, Peddapalli District.
4	Sri Ch. Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5	Md. Navazuddin	Girdawar-I O/o Mandal Tahsildar Srirampur Mandal.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the Village limits of Srirampur and Mandal, Peddapalli District.
2	River	Hussainmiya Vagu.
3	FTL Level	.....Meters
4	Length of the submergence area in Hussainmiya Vagu towards upstream of the check dam.	500 Meters. Entire area falling in the upstream of the check dam
5	Submergence Villages limits of the check Dam along with Hussainmiya Vagu	The total submergence area is in Hussainmiya Vagu falling in the Villages limits of Srirampur Village and Mandal Mandal, Peddapalli District.

### **1. Observations of the I&CAD Department:**

It is observed that the proposed area is falling in HussaiymiyaVagu, atSrirampurVillage and Mandal, Peddapalli District.The HussainmiyaVaguis flowing from North-West to South-East. The check dam is being constructed across the river in North East—South West direction.The area is falling in submergence of check dam of Srirampur Village. As per the field observations the sand is deposited with a thickness of about 3.5mts in the above said submergence area.The sand has to be de-silted 1 mts depth to maintain the water storage capacity of the check dam.The de-siltation of sand in the submergence area of the check dam as detailed below:

#### **The de-siltation of sand area Upstream of the check dam of Srirampur Village :**

It is submitted that the de-siltation has to be carried out in the submergence area towards West of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map.The area arrived is 370Mtsin length,Width is 120 Mts and average depth is 1.0Mts.Thus total quantity of sand to be desilted arrived at 44,400M3. The details are as below:

Reach	Point in Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M3
The de-siltation area Upstream of the check dam of Srirampur Village	1	18° 30' 4.38" N	79° 31' 45.04"E	370	120	1	44,400
	2	18° 30' 0.89" N	79° 31' 43.77"E				
	3	18° 30' 6.14" N	79° 31' 36.59"E				
	4	18° 30' 7.34" N	79° 31' 33.32"E				
	5	18° 30' 11.33" N	79° 31' 34.81"E				
	6	18° 30' 9.72" N	79° 31' 37.12"E				
<b>Total Quantity:</b>							<b>44,400</b>

### **2.Observations of the Mines and Geology Department:**

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at SrirampurVillagelimits andMandal Peddapalli District. The total demarcated submergence area is in HussaymiyaVaguin Peddapalli District. The entire submergence areaof de-siltation falling in thelimits of SrirampurVillage limits and Mandal Peddapalli District. The available sand depositsfor de-siltation are demarcated and recorded Geo-Co-Ordinate in the Map.The sand available in the area is medium to fine grained andit is useful for civil construction purpose.

**3.Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam falls in the limits of SrirampurVillage limits and Mandal Peddapalli District. In the said areaof de-siltation,no pattalandsare falling. The width of the river is varying in different places.The total width of the river is 120mts. The length of submergence area is of 370mts falling in Srirampur Village and Mandal Peddapalli District.The entire demarcated submergenceareais falling in the limits of Srirampur Village and Mandal Peddapalli District

**4.Observations of the Department of Ground Water:**

It is submitted that as per the field observations, The Proposed area for desiltation of sand under the submergence of Check dam at Srirampur village i.e. The entirearea falls in Srirampur Village limits in HussaiynmiyaVagu. As per GEC 2016-17, The SrirampurVillage falls in PDPL\_E\_22\_Julapally Watershed area, village is Categorized as Safe with 65% stage of Extraction. The Desiltation of Sand may be carried out strictly within the Submergence of the Check dam as specified by the Irrigation Department. Moreover, the Average Depth to Ground Water Level in the area is ranging between 1.5to1.80 metres below ground level. Hence, The Thickness of Sand to be desilted, may not exceed the above mentioned Ground water Level, or else/otherwise there will be adverse effect on Ground water Table in the Surrounding village.

**5.Observations of M/s TSMDC Ltd.,:**

The submergence of Srirampurcheck dam is falling in the Village limits of Srirampur and Mandal, Peddapalli District. The total length of submergence 370mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity of 44,400M3of sand.

**Conclusion and Recommendation:**

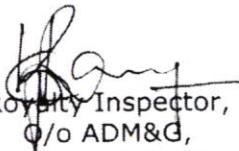
The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence area of check dam falling in Village limits of Srirampurand Mandal, Peddapalli District.

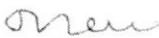
The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the desiltation area for a quantity of 44,400 CBM of sand falling in the submergence of Check dam at SrirampurVillage andMandal Peddapalli Districtmay be placed before the DLSC, Peddapalli for taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

This is submitted for favour of information and for taking further necessary action.

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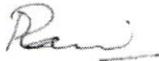
  
Girdwarar,  
O/o Tahsildar  
SrirampurMandal,  
Peddapalli District

  
Royalty Inspector,  
O/o ADM&G,  
Peddapalli District

  
Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.

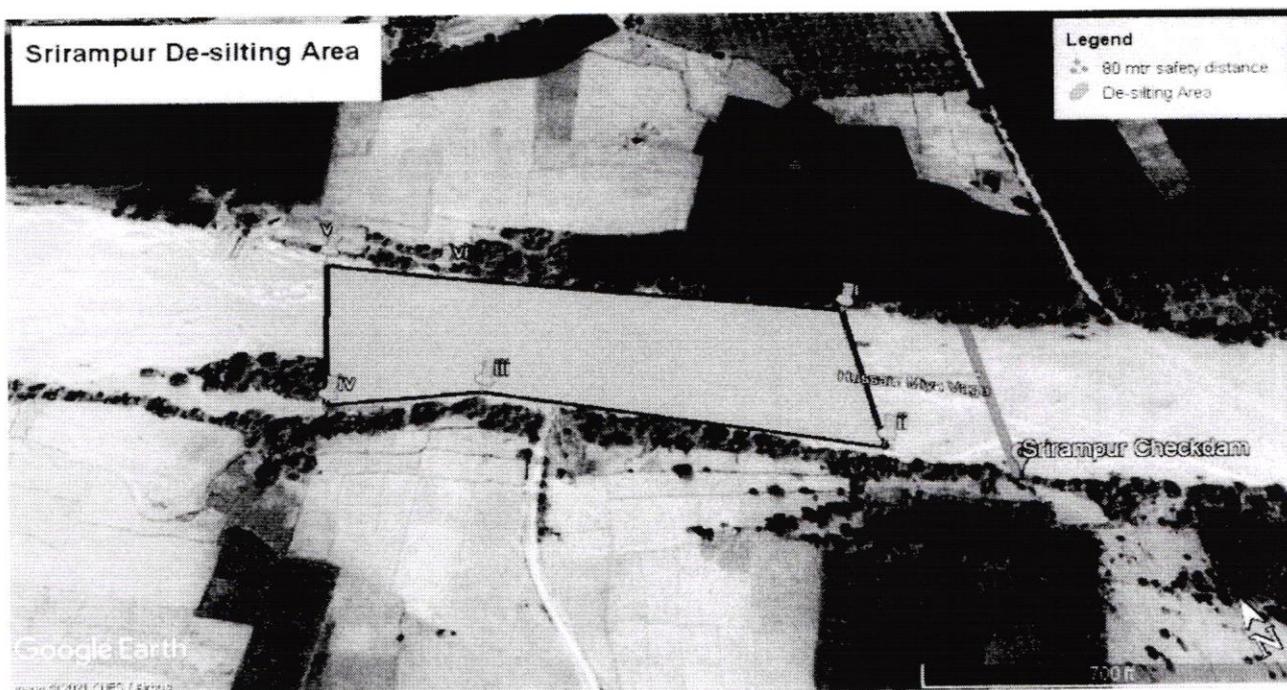
  
Asst. Hydrologist  
O/o DGWO,  
Peddapalli District

  
Asst. Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No.3  
Peddapalli District.

  
Dy. Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No.3  
Peddapalli District.

**Srirampur Check Dam De-silting area map**

De-silting area name	Length (meter s)	Width (meters)	Thickness (meters)	Volume (CBM)	Geo Co-ordinates			Rem arks
					Point ID No.	Latitude	Longitude	
Srirampur	370	120	1	44,400	i	18° 30' 4.38" N	79° 31' 45.04"E	
					ii	18° 30' 0.89" N	79° 31' 43.77"E	
					iii	18° 30' 6.14" N	79° 31' 36.59"E	
					iv	18° 30' 7.34" N	79° 31' 33.32"E	
					v	18° 30' 11.33" N	79° 31' 34.81"E	
					vi	18° 30' 9.72" N	79° 31' 37.12"E	



*Sanjay Kumar*  
 AE/ASD/SKSPR

*Ravi*  
 Deputy Executive Engineer  
 Irrigation Sub-Divn. No. 3  
 KALVASRIRAMPUR

**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT MANGAPET VILLAGE OF  
SRIRAMPUR MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No. 4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Hussainmiya Vagu in the Peddapalli District. In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:28.10.2021 as per Rule, 8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department & M/s. TSMDC Ltd., The entire area of de-siltation of sand falling in the submergence of Mangapet check dam in Hussainmiya Vagu has been inspected and surveyed as required under Rule, 20 of TSSMR, 2015. The Mangapet check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with a respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 28.10.2021:

Sl.no.	Name of the officer	Designation
1	Sri Sravan Kumar	Asst. Executive Engineer, I&CAD, Irrigation, Peddapalli District.
2	Sri V. Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
3	Sri. Ch. Venu	Asst. Hydrologist O/o District Ground Water Officer, Peddapalli District.
4	Sri Ch. Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5	Md. Navazuddin	Girdawar-I O/o Mandal Tahsildar Srirampur Mandal.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the Village limits of Mangapet V, Srirampur Mandal, Peddapalli District.
2	River	Hussainmiya Vagu.
3	FTL Level	..... Meters
4	Length of the submergence area in Hussainmiya Vagu towards upstream of the check dam.	500 Meters. Entire area falling in the upstream of the check dam
5	Submergence Villages limits of the check Dam along with Hussainmiya Vagu	The total submergence area is in Hussainmiya Vagu falling in the Villages limits of Mangapet Village and Srirampur Mandal, Peddapalli District.

**1. Observations of the I&CAD Department:**

It is observed that the proposed area is falling in Hussaymiya Vagu, at Mangapet Village, Srirampur Mandal, Peddapalli District. The Hussaymiya Vagu is flowing from North-West to South-East. The check dam is being constructed across the river in North East—South West direction. The area is falling in submergence of check dam of Mangapet Village. As per the field observations the sand is deposited with a thickness of about 3.2 mts in the above said submergence area. The sand has to be de-silted 1 mts depth to maintain the water storage capacity of the check dam. The de-siltation of sand in the submergence area of the check dam as detailed below:

**The de-siltation of sand area Upstream of the check dam of Mangapet Village :**

It is submitted that the de-siltation has to be carried out in the submergence area towards West of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map. The area arrived is 350 Mts in length, Width is 120 Mts and average depth is 1.0 Mts. Thus total quantity of sand to be de-silted arrived at 42,000 M3. The details are as below:

Reach	Point in Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M3
The de-siltation area Upstream of the check dam of Mangapet Village	1	18° 32' 17.28" N	79° 29' 8.18" E	350	120	1	42,000
	2	18° 31' 14.26" N	79° 29' 6.35" E				
	3	18° 31' 18.00" N	79° 29' 3.50" E				
	4	18° 31' 20.29" N	79° 28' 59.89" E				
	5	18° 31' 24.02" N	79° 29' 2.39" E				
	6	18° 31' 20.60" N	79° 29' 5.45" E				
<b>Total Quantity:</b>							<b>42,000</b>

**2. Observations of the Mines and Geology Department:**

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at Mangapet, Pegadapalli Village limits and Srirampur Mandal Peddapalli District. The total demarcated submergence area is in Hussaymiya Vagu in Peddapalli District. The entire submergence area of de-siltation falling in the limits of Mangapet, Pegadapalli Village limits, Srirampur Mandal Peddapalli District. The available sand deposits for de-siltation are demarcated and recorded Geo-Co-Ordinate in the Map. The sand available in the area is medium to fine grained and it is useful for civil construction purpose.

### **3.Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam falls in the limits of Mangapet, Pegadapalli Village limits, Srirampur Mandal Peddapalli District. In the said area of de-siltation, no patta lands are falling. The width of the river is varying in different places. The total width of the river is 120mts. The length of submergence area is 350mts falling in Mangapet, Pegadapalli Villages, Srirampur Mandal Peddapalli District. The entire demarcated submergence area is falling in the limits of Mangapet Pegadapalli Villages, Srirampur Mandal Peddapalli District.

### **4.Observations of the Department of Ground Water:**

It is submitted that as per the field observations, The Proposed area for desiltation of sand under the submergence of Check dam at Mangapet village i.e. The entire area falls in Mangapet, Pegadapalli Village limits in Hussainmiya Vagu. As per GEC 2016-17, The Mangapet, Pegadapalli Villages falls in PDPL\_E\_22\_Julapally Watershed area, Basin is Categorized as Safe with 54% stage of Extraction. The Desiltation of Sand may be carried out strictly within the Submergence of the Checkdam as specified by the Irrigation Department. Moreover, the Average Depth to Ground Water Level in the area is ranging between 2.0 TO 2.20 metres below ground level. Hence, The Thickness of Sand to be desilted, may not exceed the above mentioned Ground water Level, or else/otherwise there will be adverse effect on Ground water Table in the Surrounding village.

### **5.Observations of M/s TSMDC Ltd.,:**

The submergence of Mangapet check dam is falling in the Village limits of Mangapet and Mandal, Peddapalli District. The total length of submergence 350mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity of 42,000M<sup>3</sup> of sand.

### **Conclusion and Recommendation:**

The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence area of check dam falling in Village limits of Mangapet and Mandal, Peddapalli District.

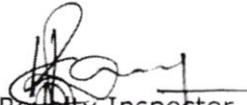
The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the desiltation area for a quantity of 42,000 CBM of sand falling in the submergence of Check dam at Mangapet Village and Mandal Peddapalli District may be placed before the DLSC, Peddapalli for

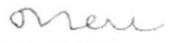
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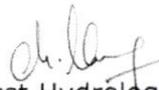
taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

This is submitted for favour of information and for taking further necessary action.

Girdwarar,  
O/o Tahsildar  
Srivampur Mandal,  
Peddapalli District

  
Royalty Inspector,  
O/o ADM&G,  
Peddapalli District

  
Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.

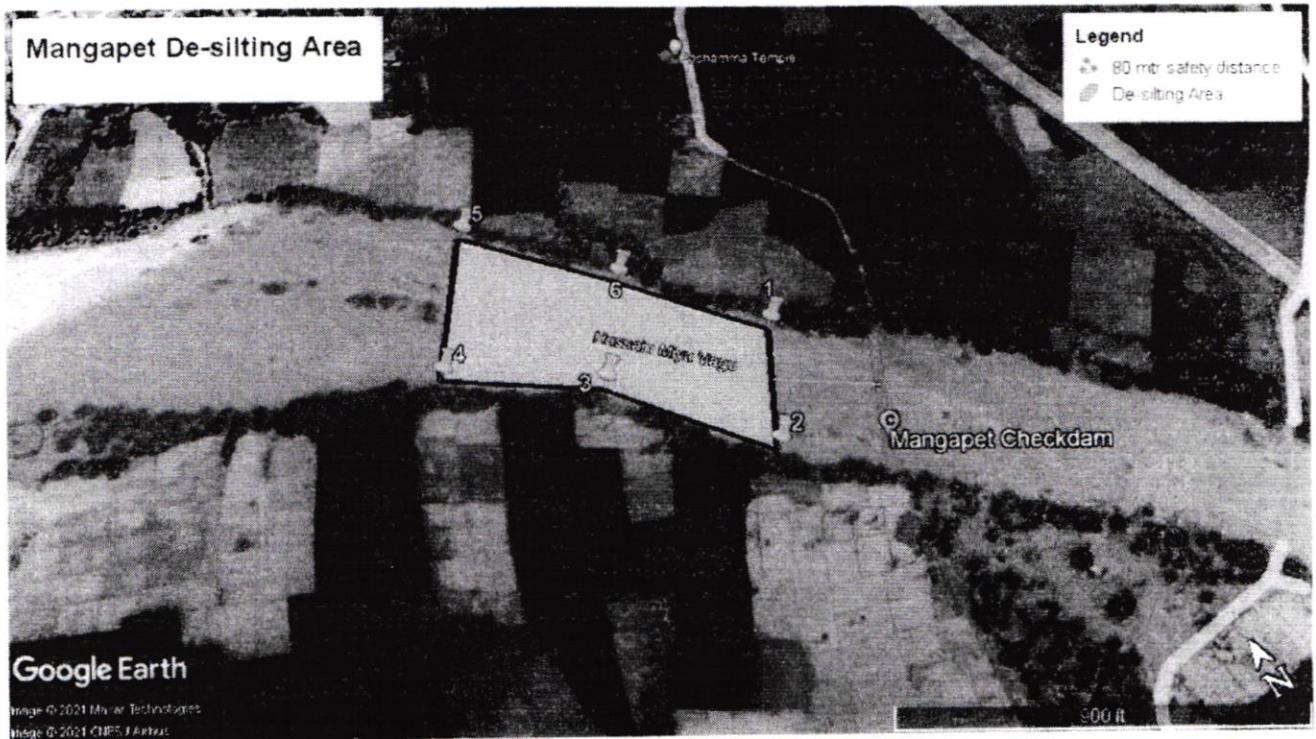
  
Asst. Hydrologist  
O/o DGWO,  
Peddapalli District

  
Asst. Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No.3  
Peddapalli District.

  
Dy. Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No.3  
Peddapalli District.

**Mangapet Check Dam De-silting area map**

De-silting area name	Length (meters)	Width (meters)	Thickness (meters)	Volume (CBM)	Geo Co-ordinates			Remarks
					Point ID No.	Latitude	Longitude	
Mangapet	350	120	1	42,000	1	18° 32' 17.28" N	79° 29' 8.18" E	
					2	18° 31' 14.26" N	79° 29' 6.35" E	
					3	18° 31' 18.00" N	79° 29' 3.50" E	
					4	18° 31' 20.29" N	79° 28' 59.89" E	
					5	18° 31' 24.02" N	79° 29' 2.39" E	
					6	18° 31' 20.60" N	79° 29' 5.45" E	



*Manoj Kumar*  
AE/ISD3/KSPR

*Rani*  
Deputy Executive Engineer  
Irrigation Sub-Divn. No. 3  
KALVASRIRAMPUR

**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT MADIPALLI VILLAGE OF  
SRIRAMPURMANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No. 4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Hussainmiya Vagu in the Peddapalli District. In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:28.10.2021 as per Rule, 8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department & M/s. TSMDC Ltd., The entire area of de-siltation of sand falling in the submergence of Madipalli check dam in Hussainmiya Vagu has been inspected and surveyed as required under Rule, 20 of TSSMR, 2015. The Madipalli check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with a respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 28.10.2021:

Sl.no.	Name of the officer	Designation
1	Sri Sravan Kumar	Asst. Executive Engineer, I&CAD, Irrigation, Peddapalli District.
2	Sri V.Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
3	Sri. Ch. Venu	Asst. Hydrologist O/o District Ground Water Officer, Peddapalli District.
4	Sri Ch.Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5	Md. Navazuddin	Girdawar-I O/o Mandal Tahsildar Madipalli Mandal.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the Village limits of Madipalli, Srirampur Mandal, Peddapalli District.
2	River	Hussainmiya Vagu.
3	FTL Level	.....Meters
4	Length of the submergence area in Hussainmiya Vagu towards upstream of the check dam.	500 Meters. Entire area falling in the upstream of the check dam
5	Submergence Villages limits of the check Dam along with Hussainmiya Vagu	The total submergence area is in Hussainmiya Vagu falling in the Villages limits of Madipalli Village Srirampur Mandal, Peddapalli District.

### **1. Observations of the I&CAD Department:**

It is observed that the proposed area is falling in HussaymiyaVagu, atMadipalli, MangapetVillage, SrirampurMandal, Peddapalli District.The HussaymiyaVaguis flowing from North-West to South-East. The check dam is being constructed across the river in North East—South West direction.The area is falling in submergence of check dam of MadipalliVillage. As per the field observations the sand is deposited with a thickness of about 3.2mts in the above said submergence area.The sand has to be de-silted 1 mts depth to maintain the water storage capacity of the check dam.The de-siltation of sand in the submergence area of the check dam as detailed below:

#### **The de-siltation of sand area Upstream of the check dam of MadipalliVillage :**

It is submitted that the de-siltation has to be carried out in the submergence area towards North-West of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map.The area arrived is 420Mtsin length,Width is 135 Mts and average depth is 1.0Mts.Thus total quantity of sand to be desilted arrived at 56,700M3. The details are as below:

Reach	Point in Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M3
The de-siltation area Upstream of the check dam of Madipalli Village	1	18° 32' 16.15" N	79° 27' 44.64"E	420	135	1	56,700
	2	18° 32' 12.76" N	79° 27' 41.11"E				
	3	18° 32' 15.01" N	79° 27' 39.02"E				
	4	18° 32' 18.32" N	79° 27' 38.11"E				
	5	18° 32' 20.95" N	79° 27' 36.70"E				
	6	18° 32' 24.33" N	79° 27' 33.96"E				
	7	18° 32' 26.96" N	79° 27' 36.30"E				
	8	18° 32' 24.47" N	79° 27' 38.19"E				
	9	18° 32' 22.45" N	79° 27' 40.67"E				
	10	18° 32' 18.77" N	79° 27' 43.60"E				
<b>Total Quantity:</b>							<b>56,700</b>

### **2.Observations of the Mines and Geology Department:**

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at Madipalli, MangapetVillage limits, Srirampur Mandal Peddapalli District. The total demarcated

submergence area is in HussaymiyaVaguin PeddapalliDistrict. The entire submergence areaof de-siltation falling in theVillagelimits of Madipalli, Mangapet, SrirampurMandal Peddapalli District. The available sand depositsfor de-siltation are demarcated and recorded Geo-Co-Ordinate in the Map.The sand available in the area is medium to fine grained andit is useful for civil construction purpose.

### **3.Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam falls in the limits of Madipalli, MangapetVillage limits, Srirampur Mandal Peddapalli District. In the said areaof de-siltation,no pattalandsare falling. The width of the river is varying in different places.The total width of the river is 135mts. The length of submergence area is 420mts falling in Madipalli, MangapetVillages,Srirampur Mandal Peddapalli District.The entire demarcated submergenceareaais falling in the limits of Madipalli, MangapetVillages, Srirampur Mandal Peddapalli District.

### **4.Observations of the Department of Ground Water:**

It is submitted that as per the field observations, The Proposed area for desiltation of sand under the submergence of Check dam at Madipalli, village i.e. The entirearea falls in Madipelli, Mangapet Village limits in HussaynmiyaVagu. As per GEC 2016-17, The MadipalliVillage falls in PDPL\_E\_22\_Julapalli Watershed area, Basin is Categorised as Safe with 54% stage of Extraction. The Desiltation of Sand may be carried out strictly within the Submergence of the Checkdam as specified by the Irrigation Department. Moreover, the Average Depth to Ground Water Level in the area is ranging between 2.0 TO 2.20 metres below ground level. Hence, The Thickness of Sand to be desilted, may not exceed the above mentioned Ground water Level, or else/otherwise there will be adverse effect on Ground water Table in the Surrounding village.

### **5.Observations of M/s TSMDC Ltd.,:**

The submergence of Madipallicheck dam is falling in the Village limits of MadipalliVillage SrirampurMandal, Peddapalli District. The total length of submergence 420mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity of 56,700M3of sand.

### **Conclusion and Recommendation:**

The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence

area of check dam falling in Village limits of Madipallivillage, SrirampurMandal, Peddapalli District.

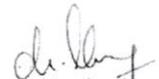
The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the desiltation area for a quantity of 56,700CBM of sand falling in the submergence of Check dam at MadipalliVillage andMandal Peddapalli Districtmay be placed before the DLSC, Peddapalli for taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

This is submitted for favour of information and for taking further necessary action.

Girdwarar,  
O/o Tahsildar  
SrirampurMandal,  
PeddapalliDistrict

  
Royalty Inspector,  
O/o ADM&G,  
Peddapalli District

  
Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.

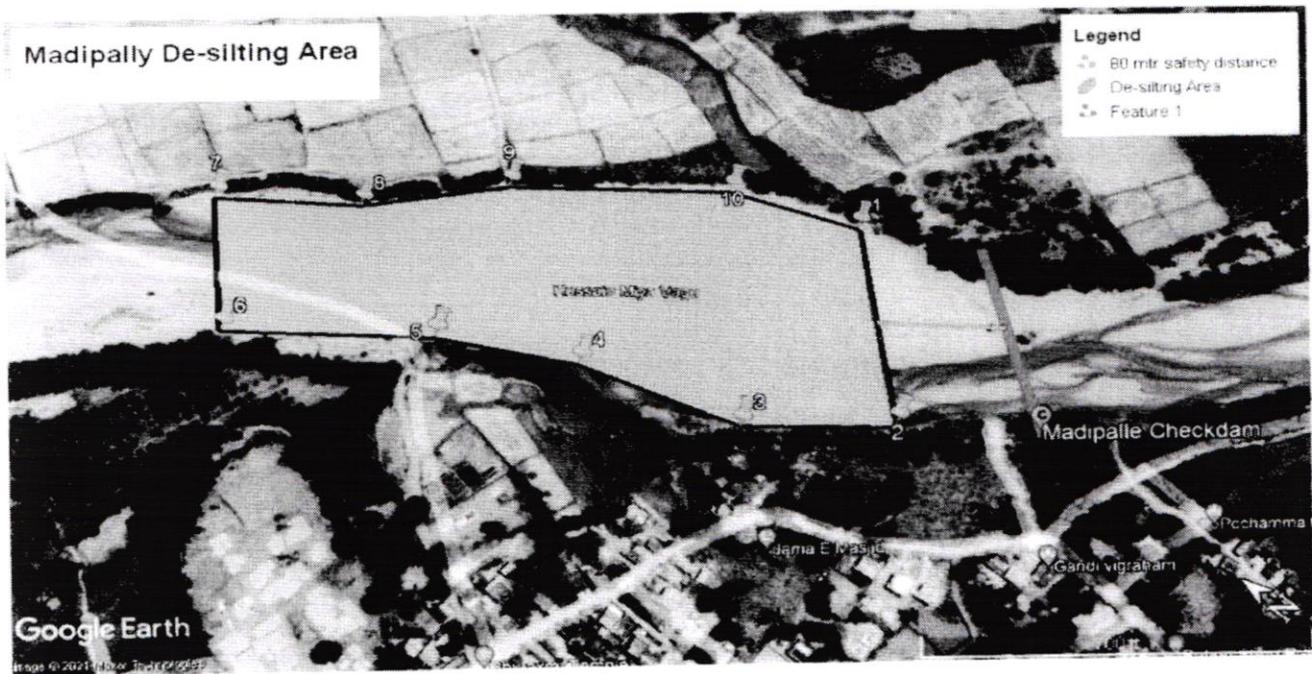
  
Asst. Hydrologist  
O/o DGWO,  
Peddapalli District

  
Asst. Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No.3  
Peddapalli District.

  
Dy. Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No.3  
Peddapalli District.

**Madipally Check Dam De-silting area map**

De-silting area name	Length (meters)	Width (meters)	Thickness (meters)	Volume (CBM)	Geo Co-ordinates			Remarks
					Point ID No.	Latitude	Longitude	
Madipally	420	135	1	56,700	1	18° 32' 16.15" N	79° 27' 44.64" E	
					2	18° 32' 12.76" N	79° 27' 41.11" E	
					3	18° 32' 15.01" N	79° 27' 39.02" E	
					4	18° 32' 18.32" N	79° 27' 38.11" E	
					5	18° 32' 20.95" N	79° 27' 36.70" E	
					6	18° 32' 24.33" N	79° 27' 33.96" E	
					7	18° 32' 26.96" N	79° 27' 36.30" E	
					8	18° 32' 24.47" N	79° 27' 38.19" E	
					9	18° 32' 22.45" N	79° 27' 40.67" E	
					10	18° 32' 18.77" N	79° 27' 43.60" E	



*Manoj Kumar*  
 AE / ISD3 / RSPR

*Ravi*  
 Deputy Executive Engineer  
 Irrigation Sub-Divn. No. 3  
 KALVASRIRAMPUR

**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT ODEDU VILLAGE OF MUTHARAM  
MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No. 4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Manair Vagu in the Peddapalli District.

In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:12.10.2021 as per Rule, 8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department & M/s. TSMDC Ltd., The entire area of de-siltation of sand falling in the submergence of Odedu check dam in Manair River has been inspected and surveyed as required under Rule, 20 of TSSMR, 2015. The Odedu check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with a respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 12.10.2021:

Sl.no.	Name of the officer	Designation
1	Sri S.Mahammad Rafi	Asst. Executive Engineer, I&CAD, Irrigation, Peddapalli District.
2	Sri V.Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
3	Smt. B.Umadevi	Asst. Hydrogeologist O/o District Ground Water Officer, Peddapalli District.
4	Sri Ch.Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5	G.Chandrashekar	Girdawar-I O/o Mandal Tahsildar Mutharam Mandal.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the Village limits of Odedu, Mutharam Mandal, Peddapalli District.
2	River	Manair River.
3	FTL Level	154.810 Meters
4	Length of the submergence area in Manair River towards upstream of the check dam.	1200 Meters. Entire area falling in the upstream of the check dam
5	Submergence Villages limits of the check Dam along with Manair River	The total submergence area is in Manair River falling in the Villages limits of Odedu, Mutharam and Shatrajpally, Mutharam Mandal, Peddapalli District.

**1. Observations of the I&CAD Department:**

It is observed that the proposed area is falling in Manair River, at Odedu, Mutharam and Shatrajpalley Village limits of Mutharam Mandal, Peddapalli District. The Manair river is flowing from North-West to South-East. The check dam is being constructed across the river in North East—South West direction. The area is falling in submergence of check dam of Odedu Village. As per the field observations the sand is deposited with a thickness of about 7.2 mts in the above said submergence area. The sand has to be de-silted 2 mts depth to maintain the water storage capacity of the check dam. The de-siltation of sand in the submergence area of the check dam as detailed below:

**The de-siltation of sand area Upstream of the check dam of Odedu Village :**

It is submitted that the de-siltation has to be carried out in the submergence area towards West of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map. The area arrived is 1100 Mts in length, Width is 645 Mts and average depth is 2.0 Mts. Thus total quantity of sand to be desilted arrived at 14,19,000 M<sup>3</sup>. The details are as below:

Reach	Point in Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M <sup>3</sup>
The de-siltation area Upstream of the check dam of Odedu Village	1	18°29' 16.08"N	79°37' 34.41"E	1100	645	2	14,19,000
	2	18°28' 59.63"N	79°37' 20.00"E				
	3	18°29' 5.57"N	79°37' 13.20"E				
	4	18°29' 15.06"N	79°37' 6.30"E				
	5	18°29' 24.41"N	79°36' 59.42"E				
	6	18°29' 32.20"N	79°36' 52.99"E				
	7	18°29' 43.13"N	79°37' 10.46"E				
	8	18°29' 34.75"N	79°37' 16.44"E				
	9	18°29' 27.43"N	79°37' 22.29"E				
	10	18°29' 20.67"N	79°37' 28.41"E				
<b>Total Quantity:</b>							14,19,000

**2.Observations of the Mines and Geology Department:**

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at Odedu Village falls. The total demarcated submergence area is in Manair River in Peddapalli District. The entire submergence area(including opposite side) of de-siltation falling in the Village limits of Odedu, Mutharam and Shatrajpally, Mutharam Mandal, Peddapalli District. The available sand depositsfor de-siltation are demarcated and recorded Geo-Co-Ordinate in the Map.The sand available in the area is medium to fine grained andit is useful for civil construction purpose.

**3.Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam falls in the limits of Odedu, Mutharam and Shatrajpally Villages, Mutharam Mandal, Peddapalli District. In the said area of de-siltation, no pattalands are falling. The width of the river is varying in different places.The total width of the river is 645mts. The length of submergence area is of 1100mts falling in Odedu and Shatrajpally Villages limits of Mutharam Mandal, Peddapalli District. The entire demarcated submergence area is falling in the limits of Odedu, Mutharam and Shatrajpally, Mutharam Mandal, Peddapalli District.

**4.Observations of the Department of Ground Water:**

It is submitted that as per the field observations, The Proposed area for de-siltation of sand under the submergence of Check dam at Odedu Village, Shatrajpalli and Mutharam in the Manair River. As per GEC 2016-17, Odedu, Mutharamand shathrajpalli Villages falls in PDPL\_E\_22\_Mutharam manthani Watershed area, which is Categorised as Semi critical with 78% stage of Extraction. The De-siltation of Sand may be carried out strictly within the Submergence of the Checkdam as specified by the Irrigation Department. Moreover, the Average Depth to Ground Water Level in the area is ranging between 2.0 to 2.3 meters below ground level. Hence, The Thickness of Sand to be desilted, may not exceed the abovementioned Ground water Level, or else/otherwise there will be adverse effect on Ground water Table in the Surrounding Village.

**5.Observations of M/s TSMDC Ltd.:**

The submergence of Odedu check dam is falling in the Village limits of Odedu, Mutharam and Shatrajpally of Mutharam Mandal, Peddapalli

District. The total length of submergence 1100mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity of 14,19,000M3of sand.

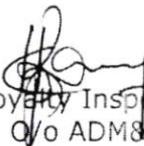
**Conclusion and Recommendation:**

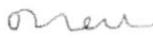
The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence area of check dam falling in Odedu, Mutharam and Shatrajpally Village limits of Mutharam Mandal, Peddapalli District.

The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the desiltation area for a quantity of 14,19,000 CBM of sand falling in the submergence of Check dam at Odedu Village Mutharam Mandal Peddapalli District may be placed before the DLSC, Peddapalli for taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

This is submitted for favour of information and for taking further necessary action.

  
Girdwarar,  
O/o Tahsildar  
Mutharam Mandal,  
Peddapalli District

  
Royalty Inspector,  
O/o ADM&G,  
Peddapalli District

  
Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.

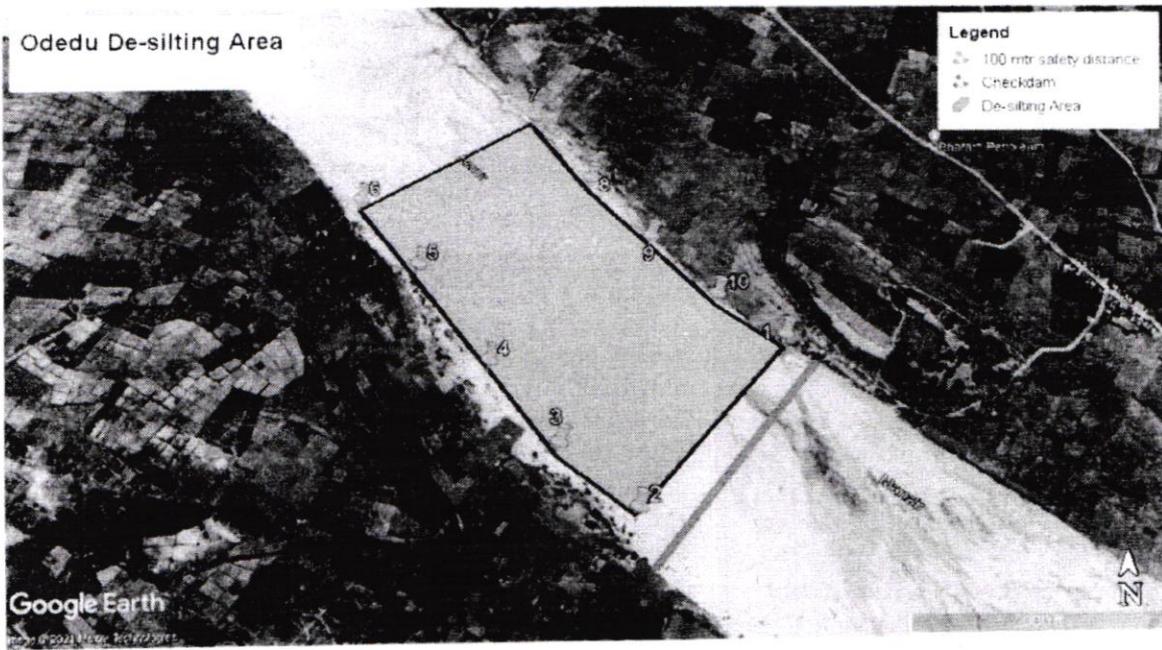
  
Asst. Hydrogeologist  
O/o DGWO,  
Peddapalli District

  
Asst. Executive Engineer,  
I&CADD, Irrigation,  
SUB Div. No.1  
Peddapalli District.

  
Dy. Executive Engineer,  
I&CADD, Irrigation,  
SUB Div. No.1  
Peddapalli District.

**Odedu Check Dam De-silting area map**

De-silting area name	Length (meter s)	Width (meters)	Thickness (meters)	Volume (CBM)	Geo Co-ordinates		Rem arks
					Point ID No.	Latitude	
Odedu	1100	645	2	14,19,000	1	18° 29' 16.08" N	79° 37' 34.41"E
					2	18° 28' 59.63" N	79° 37' 20.00"E
					3	18° 29' 5.57" N	79° 37' 13.20"E
					4	18° 29' 15.06" N	79° 37' 6.30"E
					5	18° 29' 24.41" N	79° 36' 59.42"E
					6	18° 29' 32.20" N	79° 36' 52.99"E
					7	18° 29' 43.13" N	79° 37' 10.46"E
					8	18° 29' 34.75" N	79° 37' 16.44"E
					9	18° 29' 27.43" N	79° 37' 22.29"E
					10	18° 29' 20.67" N	79° 37' 28.41"E



*[Signature]*  
ABC/ISDN01/MNT

*[Signature]*  
Dy. Executive Engineer  
Irrigation, Sub-Division NO.1  
MANTHANI, Dist. PEDDAPALLI.

**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF ADAVISRIRAMPUR CHECK DAM AT  
ADAVISRIRAMPUR VILLAGE OF MUTHARAM MANDAL PEDDAPALLI  
DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No. 4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Manair Vagu in the Peddapalli District.

In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:12.10.2021 as per Rule,8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department & M/s. TSMDC Ltd.,. The entire area of de-siltation of sand falling in the submergence of Adavisrirampur check dam in Manair River has been inspected and surveyed as required under Rule,20 of TSSMR, 2015. The Adavisrirampur check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with a respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 12.10.2021:

Sl.no.	Name of the officer	Designation
1	Sri S.Mahammad Rafi	Asst. Executive Engineer, I&CAD,Irrigation, Peddapalli District.
2	Sri V.Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
3	Smt. B.Umadevi	Asst. Hydrogeologist O/o District Ground Water Officer, Peddapalli District.
4	Sri Ch.Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5	G.Chandrashekar	Girdawar- O/o Mandal Tahsildar Mutharam Mandal.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the village limits of Adavisrirampur, Mutharam Mandal, Peddapalli District.
2	River	Manair River.
3	FTL Level	146.900Meters
4	Length of the submergence area in Manair Rivertowards upstream of the check dam.	1200Meters. Entire area falling in the upstream of the check dam
5	Submergence village limits of the check Dam along with Manair River	West side of Manair River falling in the village limits of Adavisrirampur Village, Mutharam Mandal, Peddapalli District. The East side of the river falls in Jayashankar Bhupalapalli District limits.

### **1.Observations of the I&CAD Department:**

It is observed that the proposed area is falling in Manair River, at Advisirampur Village limits of Mutharam Mandal, Peddapalli District. The Manair river is flowing from South to North. The check dam is being constructed across the river in East—West direction. The area is falling in submergence of check dam of Advisirampur Village. As per the field observations the sand deposited with a thickness of about 6.5 mts in the above said submergence area. The sand has to be de-silted 2 mts depth to maintain the water storage capacity of the check dam. The de-siltation of sand in the submergence area of the check dam as detailed below:

### **The de-siltation of sand area Upstream of the check dam of Advisirampur Village:**

It is submitted that the de-siltation has to be carried out in the submergence area towards South of the check dam. De-siltation area is demarcated and recorded in the Map. The area arrived is 1100 Mts in length, average Width is 240 Mts and average depth is 2.0 Mts. The total quantity arrived at 5,28,000 M<sup>3</sup>. The details are as below:

Reach	Point in Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M <sup>3</sup>
The de-siltation area Upstream of the check dam of Advisirampur Village	i	18°29' 35.11"N	79°40' 35.52"E	1100	240	2	5,28,000
	ii	18°29'30.27"N	79°40'42.12"E				
	iii	18°29' 25.84"N	79°40' 36.35"E				
	iv	18°29' 15.88"N	79°40'29.30"E				
	V	18°29' 2.52"N	79°40'21.12"E				
	VI	18°29' 6.03"N	79°40'13.78"E				
	Vii	18°29' 20.91"N	79°40'21.69"E				
	viii	18°29' 30.88"N	79°40'30.40"E				
<b>Total Quantity:</b>							<b>5,28,000</b>

### **2.Observations of the Mines and Geology Department:**

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at Advisirampur Village. The area is falling 50% width in Manair River on the western side in Peddapalli District and 50 % of Manair River on its eastern side in JayashankarBhupalpally District. The entire demarcated submergence area of de-siltation falling in the village limits of Advisirampur, Mutharam Mandal, Peddapalli District. The available sand deposits for de-siltation are demarcated and recorded Geo-Co-Ordinates in the Map. The sand available in the area is medium to fine grained and it is useful for civil construction purpose.

**3.Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam falls in the village limits of Adavisrirampur village, Mutharam Mandal, Peddapalli District. In the said area of de-siltation, no pattalands are falling. The width of the river is varying in different places. The average width of the river is 240mts. Half of the River having with 1100mts length is falling in Adavisrirampur Village limits of Mutharam Mandal, Peddapalli District. The other half part of Manair River is (opposite part) falling in Jayashankar Bhupalpally District. The entire demarcated submergence area is falling in the limits of Adavisrirampur village, Mutharam Mandal, Peddapalli District.

**4.Observations of the Department of Ground Water:**

It is submitted that as per the field observations, The Proposed area for de-siltation of sand under the submergence of Check dam at Adavisrirampur village i.e. The area falling in 50% of Width on the Western side in the Manair River. As per GEC 2016-17, Adavisrirampur Village falls in PDPL\_E\_22\_Mutharam manthani Watershed area, which is Categorised as Safe with 56% stage of Extraction. The De-siltation of Sand may be carried out strictly within the Submergence of the Check dam as specified by the Irrigation Department. Moreover, the Average Depth to Ground Water Level in the area is ranging between 2.0 to 2.3 meters below ground level. Hence, The Thickness of Sand to be desilted, may not exceed the above mentioned Ground water Level, or else/otherwise there will be adverse effect on Ground water Table in the Surrounding village.

**5.Observations of M/s TSMDC Ltd.,:**

The submergence of Adavisrirampur check dam is falling in the village limits of Adavisrirampur Village, Mutharam Mandal, Peddapalli District. The total length of 1100mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity of 5,28,000M<sup>3</sup> of sand.

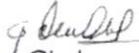
**Conclusion and Recommendation:**

The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence area of check dam falling in Adavisrirampur village limits of Mutharam Mandal, Peddapalli District.

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The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the desiltation area for a quantity of 5,28,000 CBM of sand falling in the submergence of Check dam at Adavisirampur Village Mutharam Mandal Peddapalli District may be placed before the DLSC, Peddapalli for taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

This is submitted for favour of information and for taking further necessary action.

  
Girdwarar,  
O/o Tahsildar  
MutharamMandal,  
Peddapalli District

  
Royalty Inspector,  
O/o ADM&G,  
Peddapalli District

  
Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.

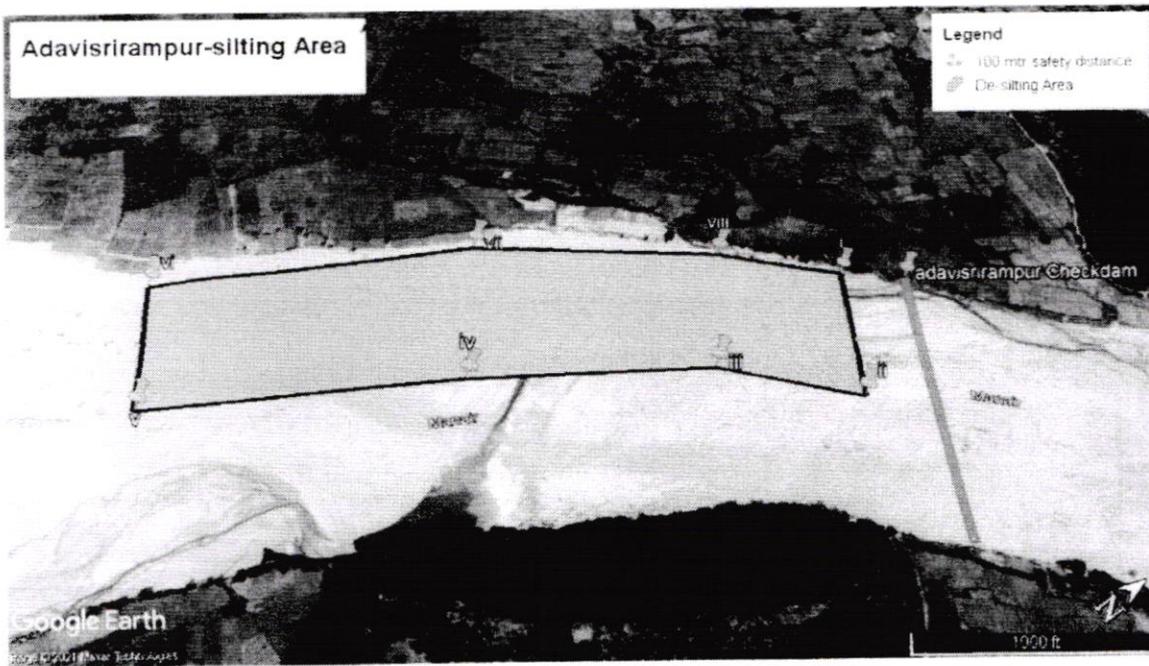
  
Asst. Hydrogeologist  
O/o DGWO,  
Peddapalli District

  
Asst. Executive Engineer,  
I&CADD, Irrigation,  
SUB Div. No.1  
Peddapalli District.

  
Dy. Executive Engineer,  
I&CADD, Irrigation,  
SUB Div. No.1  
Peddapalli District.

**Adavisrirampur Check Dam De-silting area map**

De-silting area name	Length (meters)	Width (meters)	Thickness (meters)	Volume (CBM)	Geo Co-ordinates			Remarks
					Point ID No.	Latitude	Longitude	
Adavisrirampur	1100	240	2	5,28,000	i	18° 29' 35.11" N	79° 40' 35.52"E	
					ii	18° 29' 30.27" N	79° 40' 42.12"E	
					iii	18° 29' 25.84" N	79° 40' 36.35"E	
					iv	18° 29' 15.88" N	79° 40' 29.30"E	
					v	18° 29' 2.52" N	79° 40' 21.12"E	
					vi	18° 29' 6.03" N	79° 40' 13.78"E	
					vii	18° 29' 20.91" N	79° 40' 21.69"E	
					viii	18° 29' 30.88" N	79° 40' 30.40"E	



*[Signature]*  
 AEE  
 Irrigation Sub-Division No.1  
 Manthani

*[Signature]*  
 10/12  
 Dy. Executive Engineer  
 Irrigation, Sub-Division No.1  
 MANTHANI, Dist. PEDDAPALLI.

**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT GOPALPUR VILLAGE OF  
MANTHANI MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No. 4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Manair Vagu in the Peddapalli District.

In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:12.10.2021 as per Rule, 8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department & M/s. TSMDC Ltd. The entire area of de-siltation of sand falling in the submergence of Gopalpur check dam in Manair River has been inspected and surveyed as required under Rule, 20 of TSSMR, 2015. The Gopalpur check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 12.10.2021:

Sl.no.	Name of the officer	Designation
1	Sri B. Thirupathi	Asst. Executive Engineer, I&CAD, Irrigation, Peddapalli District.
2	Sri V.Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
3	Smt. B.Umadevi	Asst. Hydrogeologist O/o District Ground Water Officer, Peddapalli District.
4	Sri Ch.Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5	P.Rajababu	Revenue Inspector-O/o Mandal Tahsildar Manthani Mandal.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the Village limits of Gopalpur, Manthani Mandal, Peddapalli District.
2	River	Manair River.
3	FTL Level	Meters
4	Length of the submergence area in Manair River towards upstream of the check dam.	1450 Meters. Entire area falling in the upstream of the check dam
5	Submergence Village limits of the check Dam along with Manair River	North side of Manair River falling in the Village limits of Gopalpur Village, Manthani Mandal, Peddapalli District. The South side of the river falls in Jayashankar Bhupalpally District limits.

**1.Observations of the I&CAD Department:**

It is observed that the proposed area is falling in Manair River, at Gopalpur Village limits of Manthani Mandal, Peddapalli District. The Manair river is flowing from West to East. The check dam is being constructed across the river in North —South direction.The area is falling in submergence of check dam of Gopalpur Village. As per the field observations the sand deposited with a thickness of about 6.7 mts in the above said submergence area.The sand has to be de-silted 1.75 mts depth to maintain the water storage capacity of the check dam.The de-siltation of sand in the submergence area of the check dam as detailed below:

**The de-siltation of sand area Upstream of the check dam of Gopalpur Village:**

It is submitted that the de-siltation has to be carried out in the submergence area towards West of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map.The area arrived is 1250Mts in length,average Width is 340 Mts and average depth is 1.75 Mts.Thus total quantity of sand to be desilted arrived at 7,43,750M3. The details are as below:

Reach	Point Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M3
The de-siltation area Upstream of the check dam of Gopalpur Village	a	18°34' 32.57"N	79°44'4.02"E	1250	340	1.75	7,43,750
	b	18°34'23.09"N	79°44'4.63"E				
	c	18°34'21.23"N	79°43' 54.92"E				
	d	18°34' 14.51"N	79°43'38.96"E				
	e	18°34' 7.50"N	79°43'33.40"E				
	F	18° 34'21.91"N	79°43'21.72"E				
	g	18°34' 26.16"N	79°43'30.40"E				
	h	18°34' 31.25"N	79°43'49.43"E				
<b>Total Quantity:</b>							<b>7,43,750</b>

**2.Observations of the Mines and Geology Department:**

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at Gopalpur Village.The area is falling 50% width in Manair River on the Northern side in Peddapalli District and 50 % of Manair River on the Southern side falls in Jayashankar Bhupalpally District. The entire demarcated area of de-siltation falling in the Village limits of Gopalpur, Manthani Mandal, Peddapalli District. The available sand deposits for de-siltation are demarcated and recorded Geo-Co-Ordinates in the Map.The sand available in the area is medium to fine grained and it is useful for civil construction purpose.

**3.Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam falls in the Village limits of Gopalpur Village, Manthani Mandal, Peddapalli District. In the said area of de-siltation, no pattalands are falling. The width of the river is varying in different places. The average width of the river is 340mts. Half of the River having with 1250mts of length is falling in Gopalpur Village limits of Manthani Mandal, Peddapalli District. The other part of the Manair River is (opposite part) falling in Jayashankar Bhupalpally District. The entire demarcated submergence area is falling in the limits of Gopalpur Village, Manthani Mandal, Peddapalli District.

**4.Observations of the Department of Ground Water:**

It is submitted that as per the field observations, The Proposed area for de siltation of sand under the submergence of Check dam at Gopalpur Village i.e. The area falling in 50% of Width on the Western side in the Manair River. As per GEC 2016-17, Gopalpur Village falls in PDPL\_E\_22\_Mutharam manthani Watershed area, which is Categorised as Safe with 65% stage of Extraction. The Desiltation of Sand may be carried out strictly within the Submergence of the Check dam as specified by the Irrigation Department. Moreover, the Average Depth to Ground Water Level in the area is ranging between 2.0 to 2.5 metres below ground level. Hence, The Thickness of Sand to be desilted, may not exceed the above mentioned Ground water Level or else/otherwise there will be adverse effect on Ground water Table in the Surrounding Village.

**5.Observations of M/s TSMDC Ltd.,:**

The submergence of Gopalpur check dam is falling in the Village limits of Gopalpur Village, Manthani Mandal, Peddapalli District. The total length of 1250mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity of 7,43,750 M<sup>3</sup> of sand.

**Conclusion and Recommendation:**

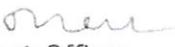
The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence area of check dam falling in Gopalpur Village limits of Manthani Mandal, Peddapalli District.

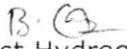
The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the desiltation area for a quantity of 7,43,750 CBM of sand falling in the submergence of Check dam at Gopalpur Village Manthani Mandal Peddapalli District may be placed before the DLSC, Peddapalli for taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

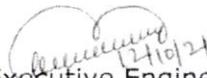
This is submitted for favour of information and for taking further necessary action.

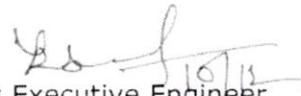
  
Girdwarar,  
O/o Tahsildar Manthani  
Mandal, Peddapalli  
District

  
Royalty Inspector,  
O/o ADM&G,  
Peddapalli District

  
Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.

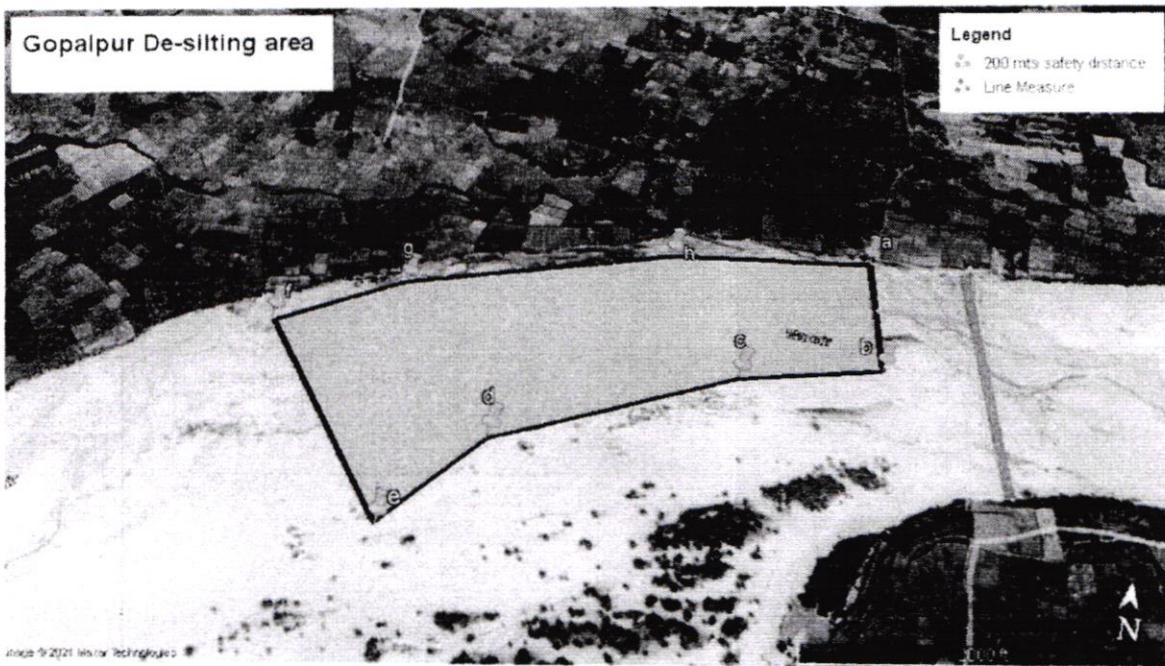
  
Asst. Hydrogeologist  
O/o DGWO,  
Peddapalli District

  
Asst. Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No. I  
Peddapalli District.

  
Dy. Executive Engineer,  
I&CADD, Irrigation,  
Sub Div. No. I  
Peddapalli District.

**Gopalpur Check Dam De-silting area map**

De-silting area name	Length (meters)	Width (meters)	Thickness (meters)	Volume (CBM)	Geo Co-ordinates		Remarks	
					Point ID No.	Latitude		Longitude
Gopalpur	1250	340	1.75	7,43,750	a	18° 34' 32.57" N	79° 44' 4.02" E	
					b	18° 34' 23.09" N	79° 44' 4.63" E	
					c	18° 34' 21.23" N	79° 43' 54.92" E	
					d	18° 34' 14.51" N	79° 43' 38.96" E	
					e	18° 34' 7.50" N	79° 43' 33.40" E	
					f	18° 34' 21.91" N	79° 43' 21.72" E	
					g	18° 34' 26.19" N	79° 43' 30.40" E	
					h	18° 34' 31.25" N	79° 43' 49.43" E	



*[Signature]*  
12/10/2021  
AEE-MWT

*[Signature]*  
Dy. Executive Engineer  
Irrigation, Sub-Division No.1  
MANTHANI, Dist. PEDDAPALLI.

**JOINT INSPECTION REPORT ON THE DE-SILTING OF SAND IN  
SUBMERGENCE OF CHECK DAM AT CHINNA ODELA VILLAGE OF  
MANTHANI MANDAL PEDDAPALLI DISTRICT.**

It is submitted that the Executive Engineer, I & CADD Irrigation Division No. 4, Manthani, Peddapalli District, vide Lr. No. EE/ID.NO.4/MNT/DB/HD/109/1/M, Dt:25.07.2021 furnished the details of sand availability in the check dams of Manair Vagu in the Peddapalli District.

In this connection it is submitted that as per the note orders of the District Collector & Chairperson DLSC, Peddapalli, joint inspection of the proposed area has been conducted on Dt:12.10.2021 as per Rule, 8 and 20 of TSSM Rules, 2015. The joint inspection team consists of Mines & Geology Department, I&CAD Department, Ground Water Department, Revenue Department & M/s. TSMDC Ltd., The entire area of de-siltation of sand falling in the submergence of Chinna Odela check dam in Manair River has been inspected and surveyed as required under Rule, 20 of TSSMR, 2015. The Chinna Odela check dam is under construction at the time of inspection. The map showing the Geo-Co-Ordinates of demarcated area with a respect to the check dam is enclosed herewith.

The following officials have conducted joint inspection on 12.10.2021:

Sl.no.	Name of the officer	Designation
1	Sri B.Thirupathi	Asst. Executive Engineer, I&CAD, Irrigation, Peddapalli District.
2	Sri V.Jagan Mohan Reddy	Project officer, M/s TSMDC Ltd., Peddapalli District.
3	Smt. B.Umadevi	Asst. Hydrogeologist O/o District Ground Water Officer, Peddapalli District.
4	Sri Ch.Parsharamulu	Royalty Inspector O/o Asst. Director of Mines and Geology, Peddapalli.
5	P.Rajababu	Revenue Inspector-O/o Mandal Tahsildar Manthani Mandal.

The details of the check dam project is as follows:

1	Name of the project	Check Dam, falling in the Village limits of Chinna Odela, Manthani Mandal, Peddapalli District.
2	River	Manair River.
3	FTL Level	Meters
4	Length of the submergence area in Manair River towards upstream of the check dam.	1550 Meters. Entire area falling in the upstream of the check dam
5	Submergence Village limits of the check Dam along with Manair River	West side of Manair River falling in the Village limits of Chinna Odela Village, Manthani Mandal, Peddapalli District. The East side of the river falls in Jayashankar Bhupalapalli District limits.

**1. Observations of the I&CAD Department:**

It is observed that the proposed area is falling in Manair River, at Chinna Odela Village limits of Manthani Mandal, Peddapalli District. The Manair river is flowing from South to North. The check dam is being constructed across the river in East–West direction. The area is falling in submergence of check dam of Chinna Odela Village. As per the field observations the sand deposited with a thickness, of about 6.0mts in the above said submergence area. The sand has to be de-silted 1.75 mts depth to maintain the water storage capacity of the check dam. The de-siltation of sand in the submergence area of the check dam as detailed below:

**The de-siltation of sand area Upstream of the check dam of Chinna Odela Village:**

It is submitted that the de-siltation has to be carried out in the submergence area towards South of the check dam. De-siltation area is demarcated and recorded Geo-Co-Ordinates in the Map. The area arrived is 1350Mts in length, average Width is 240 Mts and average depth is 1.75 Mts. Thus total quantity of sand to be de-silted arrived at 5,67,000M<sup>3</sup>. The details are as below:

Reach	Point in Map	Latitude	Longitude	Length in Mts	Average width in Mts	Average Depth in Mts	Estimated Qty in M <sup>3</sup>
The de-siltation area Upstream of the check dam of Chinna Odela Village	1	18°34' 25.25"N	79°47'24.28"E	1350	240	1.75	5,67,000
	2	18°34'24.85"N	79°47'31.87"E				
	3	18°34'15.42"N	79°47' 26.59"E				
	4	18°34' 5.85"N	79°47'9.79"E				
	5	18°34' 2.76"N	79°46'56.05"E				
	6	18° 34'2.22"N	79°46'48.34"E				
	7	18°34' 10.83"N	79°46'48.04"E				
	8	18°34' 10.72"N	79°46'54.04"E				
	9	18°34' 14.36"N	79°47'6.05"E				
	10	18°34' 19.22"N	79°47'19.75"E				
<b>Total Quantity:</b>							<b>5,67,000</b>

**2. Observations of the Mines and Geology Department:**

It is submitted that as per the field observations, the proposed area is falling under Submergence of Check dam at Chinna Odela Village. The area is falling 50% width in Manair River on the western side in Peddapalli

istrict and 50 % of Manair River on its eastern side falls in Jayashankar Bhupalpally District. The entire demarcated area of de-siltation falling in the Village limits of Chinna Odela, Manthani Mandal, Peddapalli District. The available sand deposits for de-siltation are demarcated and recorded Geo-Coordinate in the Map. The sand available in the area is medium to fine grained and it is useful for civil construction purpose.

**3.Observations of the Revenue Department:**

As per the field observations, the proposed Submergence area of Check dam falls in the Village limits of Chinna Odela Village, Manthani Mandal, Peddapalli District. In the said area of de-siltation, no pattalands are falling. The width of the river is varying in different places. The average width of the river is 240mts. Half of the River having with 1350mts length is falling in Chinna Odela Village limits of Manthani Mandal, Peddapalli District. The other half part of Manair River is (opposite part) falling in Jayashankar Bhupalpally District. The demarcated submergence area is falling in the limits of Chinna Odela Village, Manthani Mandal, Peddapalli District.

**4.Observations of the Department of Ground Water:**

It is submitted that as per the field observations, The Proposed area for desiltation of sand under the submergence of Check dam at Chinna Odela Village i.e. The area falling in 50% of Width on the Western side in the Manair River. As per GEC 2016-17, Chinna odela Village falls in PDPL\_E\_22\_Mutharam manthani Watershed area, which is Categorised as Semi critical with 78% stage of Extraction. The De-siltation of Sand may be carried out strictly within the Submergence of the Checkdam as specified by the Irrigation Department. Moreover, the Average Depth to Ground Water Level in the area is ranging between 2.0 to 2.3 metres below ground level. Hence, The Thickness of Sand to be desilted, may not exceed the above mentioned Ground water Level, or else/otherwise there will be adverse effect on Ground water Table in the Surrounding Village.

**5.Observations of M/s TSMDC Ltd.,:**

The submergence of Chinna Odela check dam is falling in the Village limits of Chinna Odela Village, Manthani Mandal, Peddapalli District. The total length of 1350mts with varying width and varying depth is not overlapping with any other de-siltation area or sand mining area operated by M/s TSMDC Ltd., The area is feasible for de-siltation for a quantity of 5,67,000M3 of sand.

**Conclusion and Recommendation:**

121

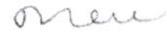
The joint inspection team has recommended for issue of permission for de-siltation of sand from the demarcated sand reach at submergence area of check dam falling in Chinna Odela Village limits of Manthani Mandal, Peddapalli District.

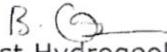
The joint inspection report along with map incorporated with Geo-Co-Ordinates showing the desiltation area for a quantity of 5,67,000 CBM of sand falling in the submergence of Check dam at Chinna Odela Village Manthani Mandal Peddapalli District may be placed before the DLSC, Peddapalli for taking necessary action as per Rule, 8 & Rule, 20 of Telangana State Sand Mining Rules, 2015.

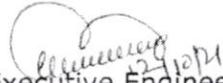
This is submitted for favour of information and for taking further necessary action.

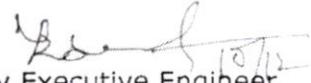
  
Girdwarar,  
O/o Tahsildar Manthani  
Mandal, Peddapalli  
District

  
Royalty Inspector,  
O/o ADM&G,  
Peddapalli District

  
Project Officer,  
M/s TSMDC Ltd.,  
Peddapalli District.

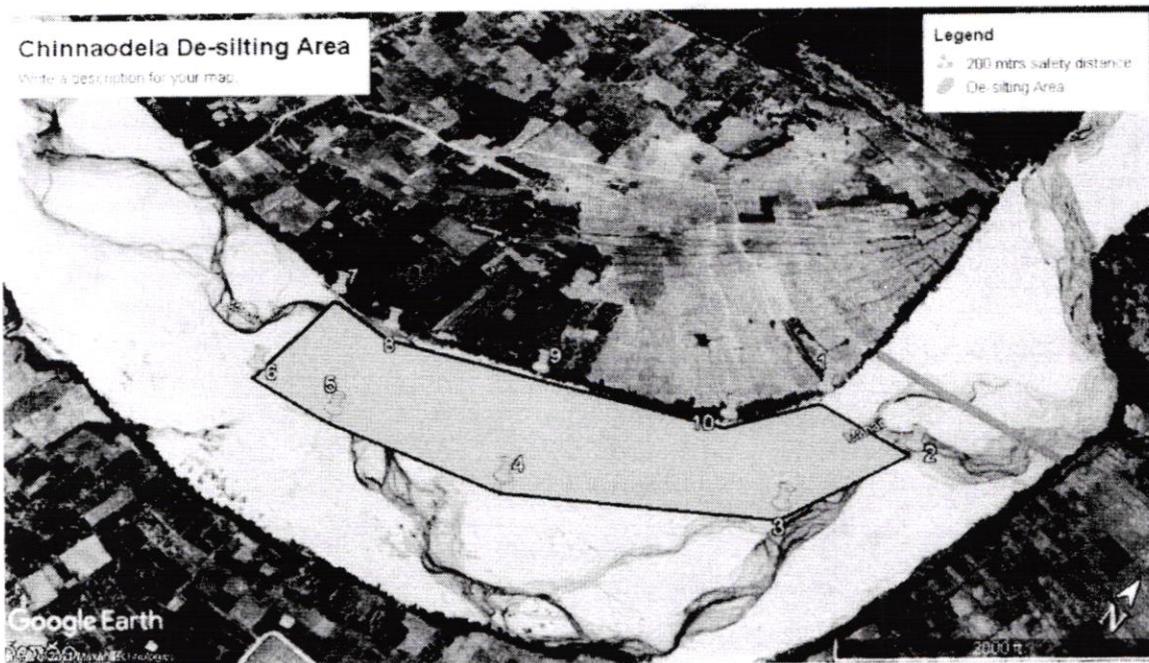
  
Asst. Hydrogeologist  
O/o DGWO,  
Peddapalli District

  
Asst. Executive Engineer,  
I&CADD, Irrigation,  
Sub. Div. No. I  
Peddapalli District.

  
Dy. Executive Engineer,  
I&CADD, Irrigation,  
Sub. Div. No. - I  
Peddapalli District.

**Chinna Odela Check Dam De-silting area map**

De-silting area name	Length (meters)	Width (meters)	Thickness (meters)	Volume (CBM)	Geo Co-ordinates		Remarks	
					Point ID No.	Latitude		Longitude
Chinna Odela	1350	240	1.75	5,67,000	1	18° 34' 25.25" N	79° 47' 24.28"E	
					2	18° 34' 24.85" N	79° 47' 31.87"E	
					3	18° 34' 15.42" N	79° 47' 26.59"E	
					4	18° 34' 5.85" N	79° 47' 9.79 "E	
					5	18° 34' 2.76" N	79° 46' 56.05"E	
					6	18° 34' 2.22" N	79° 46' 48.34"E	
					7	18° 34' 10.83" N	79° 46' 48.04"E	
					8	18° 34' 10.72" N	79° 46' 54.04"E	
					9	18° 34' 14.36" N	79° 47' 6.05"E	
					10	18° 34' 19.22" N	79° 47' 19.75"E	



*M. Srinivas*  
12/10/2024  
AEE-NWT

*[Signature]*  
Dy. Executive Engineer  
Irrigation, Sub-Division No.1  
MANTHANI, Dist. PEDDAPALLI.

**GOVERNMENT OF TELANAGANA**  
**Proceeding of the District Collector & Chairperson, District Level**  
**Sand Committee, Peddapalli**  
**(Present: Dr.S.Sangeeta Satyanarayana I.A.S.,)**

**Proceedings No.284/DLC/2016-1**

**Date: ~~12.2021~~**

04.01.2022

Sub: Mines & Quarries – De-siltation of Sand for a quantity of 1,48,57,100 cum from the submergence and upstream of (19) check dams in Manair River at various villages of Sulthanabad, Odela, Srirampur, Mutharam and Manthani Mandals of Peddapalli District – Permission accorded – Orders issued – Reg.

- Ref: 1. G.O.Ms.No.3, Industries & Commerce Department, Dt:08.01.2015.
2. Lr.No. EE/ID. No. 4/MNT/DB/HD/109/1/M, Dt: 25.07.2021 from the Executive Engineer, Irrigation Division No.4, Manthani.
3. Joint Inspection Report of the de-siltation areas falling in Manair River various villages of Sulthanabad, Odela, Srirampur, Mutharam and Manthani Mandals of Peddapalli District.
4. Minutes of the DLSC, Peddapalli meeting held on 22.07.2021.

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**ORDER:**

The Government through reference 1<sup>st</sup> cited has formulated Telangana State Sand Mining Rules, 2015 (TSSMR-2015) to regulate the Mining and transportation of sand in the state of Telangana and for the purpose connected therewith. Subsequently, the Government vide GO.Ms.No.54, Ind. & Com. Dept. Dt:26.09.2016 amended TSSMR, 2015 and introduced Rule 20 in TSSMR, 2015 for De-siltation of sand by Irrigation Department for internal use or consumption in Irrigation Projects.

Through reference 2<sup>nd</sup> cited, the Executive Engineer, Irrigation Division No.6, Manthani issued feasibility report for de-siltation of 1,22,53,148 cum of sand in the submergence and upstream of (23) check dams in Manair River at various villages of Sulthanabad, Odela, Srirampur, Mutharam and Manthani Mandals of Peddapalli District.

Through reference 3<sup>rd</sup> cited, based on the instructions of the District Collector and Chairperson, DLSC, Peddapalli joint inspections of all the (23) proposed de-siltation areas were taken up by the team consisting of officials from the I&CAD department, Ground Water department, Mines & Geology department, Revenue department and M/s TSMDC Ltd., and submitted report. All the areas have been surveyed and demarcated on map duly showing the geo co-ordinates, check dams, permanent structures etc., as required under TSSMR, 2015. The details are as follows:

Sl. No.	Name of the Check Dam & Village	Mandal	Name of the Stream	Measurements Average Length (L), Width (W), Depth (D) (LxWxD in mts)	Quantity of Sand Available (cum)	Geo Coordinates
1	Gollapalli	Sulthanabad	Manair	900X320X2	576000	18°27'39.92"N 79°15'19.49"E 18°27'32.31"N 79°15'26.93"E 18°27'16.71"N 79°15'2.58"E 18°27'24.35"N 79°14'55.60"E
2	Neerukulla	Sulthanabad	Manair	570X210X2	239400	18°28'54.51"N 79°17'0.31"E 18°28'48.60"N 79°17'1.07"E 18°28'43.61"N 79°16'42.23"E 18°28'50.95"N 79°16'41.09"E
3	Gattepalli	Sulthanabad	Manair	800X600X2	960000	18°28'42.69"N 79°18'34.73"E 18°28'46.88"N 79°18'21.68"E 18°28'50.73"N 79°18'9.04"E 18°29'0.54"N 79°18'44.39"E 18°29'6.73"N 79°18'32.30"E 18°29'5.25"N 79°18'17.04"E
4	Kadambapur	Sulthanabad	Manair	800X452X2	723200	18°28'23.50"N 79°19'57.11"E 18°28'17.53"N 79°19'52.94"E 18°28'11.35"N 79°19'48.49"E 18°28'16.99"N 79°19'35.85"E 18°28'22.65"N 79°19'24.07"E 18°28'35.16"N 79°19'32.64"E 18°28'30.41"N 79°19'42.47"E
5	Thogarrai	Sulthanabad	Manair	1000X390X2	780000	18°27'34.64"N 79°21'1.67"E 18°27'24.32"N 79°20'53.26"E 18°27'32.51"N 79°20'38.75"E 18°27'45.07"N 79°20'27.03"E 18°27'56.03"N 79°20'35.80"E 18°27'41.87"N 79°20'48.23"E
6	Gundlapalli	Odela	Manair	1100X432X2	950400	18°26'32.61"N 79°22'12.86"E 18°26'18.51"N 79°22'9.29"E 18°26'30.02"N 79°21'54.25"E 18°26'40.77"N 79°21'39.81"E 18°26'54.31"N 79°21'43.19"E 18°26'42.54"N 79°22'0.12"E
7	Kanagarthy	Odela	Manair	1700X360X2	1224000	18°25'58.73"N 79°23'31.95"E 18°25'46.72"N 79°23'28.64"E 18°25'57.38"N 79°23'4.60"E 18°26'7.59"N 79°22'34.38"E 18°26'19.26"N 79°22'37.84"E 18°26'8.67"N 79°23'8.81"E
8	Madaka	Odela	Manair	800X350X2.5	700000	18°25'22.41"N 79°25'10.46"E 18°25'12.13"N 79°25'6.76"E 18°25'17.87"N 79°24'52.75"E 18°25'22.43"N 79°24'41.63"E 18°25'33.27"N 79°24'45.78"E 18°25'28.62"N 79°24'57.11"E
9	Pothkapalli	Odela	Manair	1700X355X2	1207000	18°24'32.37"N 79°26'50.54"E 18°24'26.63"N 79°26'44.02"E 18°24'34.22"N 79°26'31.65"E 18°24'44.42"N 79°26'14.08"E 18°24'51.18"N 79°25'56.96"E 18°25'1.62"N 79°26'1.86"E 18°24'54.55"N 79°26'19.76"E 18°24'44.78"N 79°26'37.14"E
10	Roopnarayanapet	Odela	Manair	1100X320X2	704000	18°23'28.92"N 79°28'9.47"E 18°23'20.49"N 79°28'4.63"E 18°23'28.90"N 79°27'49.48"E 18°23'38.49"N 79°27'32.08"E 18°23'47.32"N 79°27'37.18"E 18°23'38.57"N 79°27'52.95"E
11	Indurthy	Odela	Manair	1700X350X2.55	1487500	18°24'8.04"N 79°30'42.53"E 18°23'54.58"N 79°30'42.46"E 18°23'56.33"N 79°30'31.88"E 18°23'53.62"N 79°30'18.73"E 18°23'47.74"N 79°30'7.26"E 18°23'38.63"N 79°29'56.92"E 18°23'46.50"N 79°29'51.49"E 18°23'55.63"N 79°30'1.76"E 18°24'3.74"N 79°30'13.99"E 18°24'8.02"N 79°30'29.97"E

12	Gumpula	Odelā	Manair	690X320X2	441600	18°24'7.51"N 79°31'52.71"E 18°23'57.27"N 79°31'57.69"E 18°23'55.49"N 79°31'51.33"E 18°23'53.62"N 79°31'43.59"E 18°23'51.40"N 79°31'32.67"E 18°23'59.87"N 79°31'32.32"E 18°24'2.26"N 79°31'39.36"E 18°24'6.08"N 79°31'47.67"E
13	Meerjampe t	Srirampur	Manair	700X225X2.5	393750	18°25'5.05"N 79°33'19.10"E 18°24'58.64"N 79°33'23.28"E 18°24'53.83"N 79°33'17.29"E 18°24'43.79"N 79°33'5.28"E 18°24'49.77"N 79°33'1.32"E 18°24'58.25"N 79°33'11.96"E
14	Kistampet	Srirampur	Manair	900X360X2.5	810000	18°27'41.18"N 79°35'5.60"E 18°27'46.73"N 79°35'17.52"E 18°27'35.11"N 79°35'18.02"E 18°27'24.62"N 79°35'21.20"E 18°27'15.19"N 79°35'23.86"E 18°27'12.57"N 79°35'12.01"E 18°27'21.60"N 79°35'10.17"E 18°27'31.41"N 79°35'6.73"E
15	Motlapalli	Srirampur	Manair	700X230X2.5	402500	18°29'53.37"N 79°35'13.99"E 18°29'48.17"N 79°35'19.47"E 18°29'40.56"N 79°35'7.71"E 18°29'34.78"N 79°35'0.04"E 18°29'38.91"N 79°34'55.39"E 18°29'44.95"N 79°35'3.86"E
16	Chinnarathi Palli	Srirampur	Hussain miya	400X95X1	38000	18° 29' 30.61" N 79° 32' 42.34"E 18° 29' 28.53" N 79° 32' 40.23"E 18° 29' 33.67" N 79° 32' 37.09"E 18° 29' 39.18" N 79° 32' 32.44"E 18° 29' 41.58" N 79° 32' 35.05"E 18° 29' 35.71" N 79° 32' 38.87"E
17	Srirampur	Srirampur	Hussain miya	370X120X1	44400	18° 30' 4.38" N 79° 31' 45.04"E 18° 30' 0.89" N 79° 31' 43.77"E 18° 30' 6.14" N 79° 31' 36.59"E 18° 30' 7.34" N 79° 31' 33.32"E 18° 30' 11.33" N 79° 31' 34.81"E 18° 30' 9.72" N 79° 31' 37.12"E
18	Mangapet	Srirampur	Hussain miya	350X120X2	42000	18° 32' 17.28" N 79° 29' 8.18"E 18° 31' 14.26" N 79° 29' 6.35"E 18° 31'18.00" N 79° 29' 3.50"E 18° 31' 20.29" N 79° 28' 59.89"E 18° 31' 24.02" N 79° 29' 2.39"E 18° 31' 20.60" N 79° 29' 5.45"E
19	Madipalli	Srirampur	Hussain miya	420X135X1	56700	18° 32' 16.15" N 79° 27' 44.64"E 18° 32' 12.76" N 79° 27' 41.11"E 18° 32' 15.01" N 79° 27' 39.02"E 18° 32' 18.32" N 79° 27' 38.11"E 18° 32' 20.95" N 79° 27' 36.70"E 18° 32' 24.33" N 79° 27' 33.96"E 18° 32' 26.96" N 79° 27' 36.30"E 18° 32' 24.47" N 79° 27' 38.19"E 18° 32' 22.45" N 79° 27' 40.67"E 18° 32' 18.77" N 79° 27' 43.60"E
20	Odedu	Mutharam	Manair	1100X645X2	1419000	18°29' 16.08"N 79°37' 34.41"E 18°28' 59.63"N 79°37' 20.00"E 18°29' 5.57"N 79°37' 13.20"E 18°29' 15.06"N 79°37'6.30"E 18°29' 24.41"N 79°36'59.42"E 18°29' 32.20"N 79°36'52.99"E 18°29' 43.13"N 79°37'10.46"E 18°29' 34.75"N 79°37'16.44"E 18°29' 27.43"N 79°37'22.29"E 18°29' 20.67"N 79°37'28.41"E

21	Adavisrirampu	Mutharam	Manair	1100X240X2	528000	18°29' 35.11"N 79°40' 35.52"E 18°29'30.27"N 79°40'42.12"E 18°29' 25.84"N 79°40' 36.35"E 18°29' 15.88"N 79°40'29.30"E 18°29' 2.52"N 79°40'21.12"E 18°29' 6.03"N 79°40'13.78"E 18°29' 20.91"N 79°40'21.69"E 18°29' 30.88"N 79°40'30.40"E
22	Gopalpur	Manthani	Manair	1250X340X1.75	743750	18°34' 32.57"N 79°44'4.02"E 18°34'23.09"N 79°44'4.63"E 18°34'21.23"N 79°43' 54.92"E 18°34' 14.51"N 79°43'38.96"E 18°34' 7.50"N 79°43'33.40"E 18° 34'21.91"N 79°43'21.72"E 18°34' 26.16"N 79°43'30.40"E 18°34' 31.25"N 79°43'49.43"E
23	ChinnaOdal a	Manthani	Manair	1350X240X1.75	567000	18°34' 25.25"N 79°47'24.28"E 18°34'24.85"N 79°47'31.87"E 18°34'15.42"N 79°47' 26.59"E 18°34' 5.85"N 79°47'9.79"E 18°34' 2.76"N 79°46'56.05"E 18° 34'2.22"N 79°46'48.34"E 18°34' 10.83"N 79°46'48.04"E 18°34' 10.72"N 79°46'54.04"E 18°34' 14.36"N 79°47'6.05"E 18°34' 19.22"N 79°47'19.75"E
<b>TOTAL</b>					<b>1,50,38,200 M3</b>	

A safety distance of 100 mts in length has been left from all the check dams on upstream side and it is non mining area. After joint inspection and detailed survey, the above (23) areas have been found feasible for de-siltation of 1,50,38,200 cum of sand. The recommended depth is ranging from 1 met to 2.5 Met depending on the thickness of the sand available for de-siltation. The de-siltation of sand in the areas will enhance the storage capacity of the check dam and smooth flow of water. The de-siltation of sand under the check dams is exempted from the requirement of Environmental clearance, CFE & CFO as per clause No. 7, Appendix- IX of S.O. 1224, Dt: 28.03.2020 issued by Ministry of Environment, Forest and Climate Changes, GoI which read as "Dredging and de-siltation of Dams, Reservoirs, weirs, Barrages, Rivers and Canals for the purpose of their maintenance, upkeep and disaster management".

M/s TSMDC Ltd., vide Lr. No. TDMDC/PEDDAPALLI/SAND/Checkdams/2021/380, Dt: 20.12.2021 informed that the proposed (4) de-siltation areas under Check dams on Hussainmiya vagu (S.No.16,17,18 &19 of above Table) are not feasible because of availability of coarse grained sand, limited quantity and non availability of suitable roads. (1) de-siltation area under check dam at Neerukulla on Manair river at S.No.2 is totally reserved for Sand Taxi for local consumption. The (4) de-siltation areas at S.No. 16,17,18 & 19 of above Table for a quantity of 1,81,100 M3 are reserved for Government and Palle Pragathi works.

**The de-siltation of sand under local use by sand taxi at Upstream of the (9) check dams of various villages of Sulthanabad, Odela, Srirampur and Mutharam Mandals:**

Out of the (23) de-siltation areas, (8) part de-siltation areas and (1) total de-siltation area is reserved towards sand taxi policy for local consumption in the District as detailed below.

S. No.	Name of the Check Dam & Village	Mandal	Name of the Stream	Measurements Average Length (L), Width (W), Depth (D) (LxWxD in mts)	Quantity of Sand Available (cum)	Qty. of sand to be allotted to Sand Taxi Policy	Description of area reserved for sand taxi	Qty. of sand to be allotted for other purposes
1	Gollapalli	Sulthanabad	Manair	900X320X2	576000	150080	North East part of the Proposed de-siltation area	425920
2	Neerukulla	Sulthanabad	Manair	570X210X2	239400	239400	Total estimated quantity of sand de-siltation area.	Nil
3	Kadambapur	Sulthanabad	Manair	800X452X2	723200	150000	West part of the Proposed de-siltation area	573200
4	Thogarral (Manchirami Check dam)	Sulthanabad	Manair	1000X390X2	780000	200000	West part of the Proposed de-siltation area	580000
5	Kanagarthy	Odela	Manair	1700X360X2	1224000	200000	East part of the Proposed de-siltation area	1024000
6	Roopnarayanapet	Odela	Manair	1100X320X2	704000	150000	East part of the Proposed de-siltation area	554000
7	Gumpula	Odela	Manair	690X320X2	441600	100000	East part of the Proposed de-siltation area	341600
8	Kistampet	Srirampur	Manair	900X360X2.5	810000	200000	South part of the Proposed de-siltation area	610000
9	Odedu	Mutharam	Manair	1100X645X2	1419000	200000	North West part of the Proposed de-siltation area	1219000
<b>TOTAL</b>					<b>6917200</b>	<b>1589480</b>		<b>5327720</b>

In reference 4<sup>th</sup> cited, the DLSC, approved for reserving the above (8) part de-siltation areas and (1) total de-siltation area (total 9 areas) for a quantity of 15,89,480 M3 for sand taxi policy for supply of sand for local needs. Further the DLSC approved for handing over the (8) part de-siltation areas and (10) total de-siltation areas {total (18) areas} for a quantity of 1,32,67,620 M3 falling in Manair River in the submergence of check dams in Peddapalli district in favour of M/s. TSMDC Ltd., under Rule, 8(c) of TSSMR, 2015 as detailed below.

S. No.	Name of the Check Dam & Village	Mandal	Name of the Stream	Quantity of Sand Reserved for Sand Taxi in (cum)	Quantity of Sand allotted to M/s TSMDC Ltd., in (cum)	Total Quantity of Sand Available (cum)
1	Gollapalli	Sulthanabad	Manair	150080	425920	576000
2	Neerukulla	Sulthanabad	Manair	239400	0	239400
3	Gattepalli	Sulthanabad	Manair	0	960000	960000
4	Kadambapur	Sulthanabad	Manair	150000	573200	723200
5	Thogarral (Manchirami Check dam)	Sulthanabad	Manair	200000	580000	780000

6	Gundlapalli	Odela	Manair	0	950400	950400
7	Kanagarthy	Odela	Manair	200000	1024000	1224000
8	Madaka	Odela	Manair	0	700000	700000
9	Pothkapalli	Odela	Manair	0	1207000	1207000
10	Roopnarayanapet	Odela	Manair	150000	554000	704000
11	Indurthy	Odela	Manair	0	1487500	1487500
12	Gumpula	Odela	Manair	100000	341600	441600
13	Meerjampet	Srirampur	Manair	0	393750	393750
14	Kistampet	Srirampur	Manair	200000	610000	810000
15	Motlapalli	Srirampur	Manair	0	402500	402500
16	Odedu	Mutharam	Manair	200000	1219000	1419000
17	Adavisirampu	Mutharam	Manair	0	528000	528000
18	Gopalpur	Manthani	Manair	0	743750	743750
19	Chinna Odala	Manthani	Manair	0	567000	567000
<b>Total</b>				<b>1589480</b>	<b>13267620</b>	<b>14857100</b>

M/s. TSMDC Ltd., further to earmark areas as described in the above table for (8) de-siltation areas in favour of Sand taxi policy as per the allotted quantity. The DLSC further decided that M/s TSMDC Ltd., shall complete the excavation and transportation of the allotted quantity of 1,32,67,620 M3 falling in (18) de-siltation areas in Manair river within a period of (2) years from the date of issue of orders.

In view of the above circumstances, the (18) de-siltation areas for quantity of 1,32,67,620 M3 of sand available for de-siltation (other than demarcated quantity for sand taxi) falling in Manair River in the submergence and upstream of check dam of various villages of Sulthanabad, Odela, Srirampur, Mutharam and Manthani Mandals of Peddapalli District in favour of M/s. TSMDC Ltd., under Rule, 8(c) of TSSMR, 2015 for a period of (2) years from the date of issue of order. Further, M/s. TSMDC Ltd., to earmark an area for allotment of sand towards Sand Taxi policy for local needs as described above for (8) de-siltation areas in favour of Sand taxi policy. The permission issued is as per the surveyed maps enclosed, subject to Rule 8 of TSSMR, 2015 and subject to the following conditions.

1. Sand shall not be excavated within 100 mts. from the check dam towards upstream side and it is no mining area as specified in the map.
2. Sand shall not be excavated within 50 mts. buffer zone from the Maneru River bank all along the length of the river.
3. The De-siltation of sand shall be strictly in accordance with the Rule 8 of TSSMR, 2015. M/s TSMDC Ltd., shall follow all the conditions mentioned in Rule 8 of TSSMR, 2015.
4. M/s TSMDC Ltd., shall erect and maintain flags on all the corners of the (18) de-siltation areas as per the Geo co-ordinates.
5. Sand de-silted shall be dispatched to the Stock yard registered under Telangana State Mineral Dealer's Rules, 2000 by Competent authority by duly paying Seigniorage Fee and other taxes in advance as per the prevailing scheduled rates or revised from time to time and obtain Permit for Dispatch of Sand in Form-S2 from the Asst. Director of Mines and Geology, Peddapalli for the quantity of Sand proposed for de-silting.
6. The TSMDC shall pay Seigniorage Fee of Rs. 40/- per Cubic Meter, an amount equivalent to 30% on S. Fee towards contribution to District Mineral Foundation Trust (DMF) and 2% on S.Fee towards State Mineral

- Exploration Trust (SMET) in advance and shall submit the receipts of payments to the Asst. Director of Mines and Geology, Peddapalli from time to time.
7. Sand shall be disposed from the Stockyard as per the Sale price fixed by the Government from time to time with Transit Passes in Form-E issued by the Asst. Director of Mines and Geology, Peddapalli.
  8. Sand sourced out of de-silting operations shall be utilized from the Stock yards for various civil works with preference to the Government Departments.
  9. M/s TSMDC Ltd., shall follow all relevant rules and regulations in accordance with TSSMR-2015 as envisaged in G.O.Ms.No.3, Industries & Commerce (M.I), Department, Dated:08-01-2015 and Govt. Lr.No.5945/M.I(1)/2017-1,Dated:30-12-2017 and subsequent amendments from time to time.
  10. The sand extraction shall be only within the specified area as per the map enclosed. All the de-siltation operations shall be controlled by electronic surveillance (CCTVs) and electronic documentation linked to a central documentation monitoring facility.
  11. All statutory payments viz., Seig.fee, DMF, SMET and IT shall be paid in advance in accordance with Rule, 8 of TSSMR, 2015.
  12. The Sand sourced from de-siltation shall be exclusively utilized for specified purpose. Any misuse of the provision, M/s TSMDC Ltd., shall be squarely responsible.
  13. M/s TSMDC Limited shall register the Vehicles used for loading and transportation of sand and issue of individual permits/ vehicle wise way bills through online method under surveillance.
  14. Security should be maintained to watch and ward the De-siltation area by M/s TSMDC Ltd., and shall not allow any other vehicles to enter.
  15. The Project Officer, TSMDC Ltd., Peddapalli shall monitor the extraction and transportation of Sand on daily basis and submit report to the Asst. Director of Mines and Geology from time to time.
  16. The Project Officer shall maintain proper and true accounts of Production and dispatches of sand from the Submergence area and Stock yard and shall submit the same to the Asst. Director of Mines and Geology, Peddapalli on monthly basis not later than 5<sup>th</sup> day of succeeding month.
  17. The registers shall have the details of Vehicle number, Driver name, Mobile number, Date and Time of dispatch duly signed by respective site In-charge of the project.
  18. The TSMDC Ltd., shall take all precautionary measures not to cause any damage to the PWD Roads, agriculture fields and other structures. The damages, if any caused shall be repaired by M/s TSMDC Ltd.,.
  19. De-silting operations and sand transportation from the site shall be allowed only from 6:00 AM to 6:00 PM.
  20. Sand extraction shall not be allowed below the ground water table under any circumstances and average depth of excavations shall not exceed the allotted depth.
  21. Incoming and outgoing gates may be established at the de-siltation area for easy movement of the vehicles.
  22. An electronic weigh bridge shall be established at De-siltation area for proper accounting of sand quantities from time to time. All the vehicles shall pass through the weigh bridge to ensure quantity of sand up to the approved capacity of such vehicle. No overload of sand shall be allowed under any circumstances.

23. If any deviation of rules and guidelines noticed during De-silting and transportation of sand, the total responsibility lies with M/s TSMDC Ltd.,.
24. All the Vehicles carrying sand should be covered by Tarpaulin without fail from loading point to destination point.
25. De-silting operations and transportation of sand shall not cause any inconvenience to the local sand reach /Tractors movement, transporting sand for local use.
26. M/s TSMDC Ltd., shall deploy traffic marshals at all venerable points from loading point to main road to ensure road safety.
27. Sand transportation shall not cause any inconvenience to the villages/ habitants falling within the route of transportation.
28. At any stage, if any violations observed during De-silting process, excavation and Transportation, permissions will be revoked with immediate effect.
29. M/s TSMDC Ltd., shall scrupulously follow the orders passed by the Government / Hon'ble High Court / Hon'ble NGT and any other authority from time to time.

*hmc*  
**District Collector & Chairperson,  
 DLSC, Peddapalli.**

*29/12/21*

*29/12/21*

To  
 The Vice Chairman & Managing Director,  
 M/s TSMDC Ltd., Khairatabad,  
 Hyderabad.

Copy to the Director of Mines and Geology, Hyderabad for information.  
 Copy to the Deputy Director of Mines & Geology, Warangal for information.  
 Copy to the Asst. Director of Mines & Geology, Peddapalli for information.  
 Copy to the Revenue Divisional Officer, Peddapalli/Manthani for information.  
 Copy to the Executive Engineer, I&CADD, Irrigation Division No. 4, Manthani for information.  
 Copy to the Tahsildar, Sulthanabad, Odela, Srirampur, Mutharam and Manthani Mandal for information.  
 Copy to the SHO, PS, Sulthanabad, Pothkapally, Srirampur, Mutharam and Manthani for information.