

**DHARAMSHALA SMART CITY LIMITED**  
**UDA BUILDING, CHILGARHI, DHARAMSHALA, DISTRICT KANGRA,**  
**HIMACHAL PRADESH-176215.**

Ph: 01892-226677, 226075 email – [dscldharamshala@gmail.com](mailto:dscldharamshala@gmail.com)

Dated: 09-03-2021

LI & PH/31/2017- 2350

**OFFICE ORDER**

of powers vested in me, vide Department of Urban Development Himachal Pradesh Order No. UD-C (10)-1 2014-I dated 24.06.2016 read with letter No. UD-1-I-Loose dated 21.04.2018 and in pursuance of approval accorded by BOD of Item No. 14.12 dated 21.07.2020, Administrative Approval & Expenditure amounting to for Establishment of FSSM facility with State-of-Art Technology at (SH:- C/o FSSM system based on Natural Treatment System with renewable energy) hereby accorded as per terms & conditions mentioned below:-

Administrative Approval:

₹10,40,00,000/- (Rs. Ten Crore Forty Lakh only)

Expenditure Sanction:

₹10,40,00,000/- (Rs. Ten Crore Forty Lakh only)

Source of Funds:

Smart City Funds.

Expenditure Sanction is subject to the following terms and conditions:


Administrative Approval is subject to Technical Sanction from the competent authority.

Work shall be executed after completion of all other codal formalities as per guidelines of Smart City Mission.

Excess expenditure is allowed above AA/ES accorded.

Work should be awarded to those firm/bidder who possess the valid EPF & GST

It shall be ensured that, each item of work is executed as per specification contained in estimate and Smart City Guidelines.

  
(Pradeep Kumar Thakur, IAS)  
Managing Director-cum-CEO  
Dharamshala Smart City Ltd.

Dated: 09.3.2021

LI & PH/31/2017- 2351 -59

Principal Secretary (UD) to the Government of Himachal Pradesh, Shimla.

Director, Urban Development, GoHP, Shimla-2.

Chief Financial Officer, Dharamshala Smart City Ltd. Dharamshala.

General Manager (Tech.), Dharamshala Smart City Ltd. Dharamshala.


Asst. General Manager (P&C)/(P&D), Dharamshala Smart City Ltd.

Dharamshala

Team Leader, PMC, Dharamshala.

Executive Engineer, Jal Shakti Vibhag, Division, Dharamshala.

  
Executive Engineer

  
(Pradeep Kumar Thakur, IAS)  
Managing Director-cum-CEO  
Dharamshala Smart City Ltd.

CHECK LIST SERIAL NUMBER – 32

**RECLAMATION PLAN  
FOR CONSTRUCTION OF SEPTAGE TREATMENT PLANT AT SAKOH IN MOHAL  
PANJLEHAR, TEHSIL DHARAMSHALA, DISTRICT KANGRA (H.P.)**

The muck produced from all the components would be self utilized with due consideration of its distance from the component, suitability of the area and Topography point of view.

**Rehabilitation Proposal**

Since there is no displacement of any population due to the construction of the Septage Treatment Plant, there will be no rehabilitation problem.

**Afforestation**

Compensatory afforestation shall be carried out by the forest department for which compensation shall be paid by the user agency. Compensatory Afforestation shall be carried out in double the degraded forest land of the area proposed for diversion.

**Retaining walls**

RR Masonry / GI Wire crate filled with boulders/ stones reclaimed from excavation of various project components shall be used for construction of retaining walls for retaining the surplus excavated earth / muck as per standards adopted with due consideration to site condition.

**Use of muck/debris**

The entire muck/debris obtained from the project components shall be used for manufacture of aggregates for construction work, filling in wire creates, stone masonry works, breast wall, etc.

# PROFORMA FOR DETAILS OF MUCK

Project Component	Quantity of Muck / debris generated	Quantity of muck with 45 % swell factor	Total quantity of muck / debris including swell factor	Estimated quantity of muck / debris proposed to be utilized	Estimated quantity of muck / debris proposed to be dumped	Name of the dumping site as shown in the plan	Capacity of the dumping site (cu.mt)
1	2	3	4	5	6	7	8
Approach Road	$109 \times 8 \times 0.40 = 349$	157	506	126	380	Self Utilize	1460
Turning Area	$20 \times 20 \times 0.25 = 100$	45	145	44	101		
Thickner I	$10 \times 10 \times 0.50 \times 0.40 = 20$	9	29	-	29		
Thickner II	$10 \times 10 \times 0.50 \times 0.40 = 20$	9	29	-	29		
Bio-F-I	$10 \times 5 \times 0.50 \times 0.40 = 10$	5	15	-	15		
Bio-F-II	$10 \times 5 \times 0.50 \times 0.40 = 10$	5	15	-	15		
Lab	$10 \times 10 \times 0.50 \times 0.40 = 20$	9	29	-	29		
SDB Unplanted	$20 \times 25 \times 0.50 \times 0.40 = 100$	45	145	-	145		
SDB Planted	$20 \times 25 \times 0.50 \times 0.40 = 100$	45	145	-	145		
Solar Unit	$25 \times 5 \times 0.25 = 31$	14	45	-	45		
F-Sump	$2 \times 2 \times 0.25 = 1$	1	2	-	2		
M-Bar -I	$10 \times 5 \times 0.40 \times 0.60 = 12$	5	17	-	17		
M-Bar -II	$10 \times 5 \times 0.40 \times 0.60 = 12$	5	17	-	17		
Wet Land	$16 \times 5 \times 0.40 = 32$	14	46	-	46		
Pond	$16 \times 5 \times 1.25 = 100$	45	145	-	145		
Inlet I	$10 \times 10 \times 0.50 = 50$	22	72	-	72		
Inlet II	$10 \times 10 \times 0.50 = 50$	22	72	-	72		
Lime Tank	$10 \times 6 \times 0.60 \times 0.50 = 15$	7	22	-	22		
MMF	$5 \times 3 \times 0.60 \times 0.50 = 5$	3	8	-	8		

	$5 \times 3 \times 0.60 \times 0.50$ = 5	3	8	-	8		
TOTAL	1042	470	1512	170	1342	-	1460

A retaining wall of 75 m length is required to be constructed and muck generated i.e. 1342 m<sup>3</sup> Cubic Meter shall be utilized for the backfilling of this retaining wall and levelling of the vacant area within the boundary. So the muck generated i.e. 1342 m<sup>3</sup> shall be utilized locally.

Place : Dharamshala  
Dated : 19-04-2022

Er. Sarvan Kumar Thakur  
Executive Engineer  
Dharamshala Division  
HP & PH Dharamshala  
Dharamshala

Countersigned by :

Dr. Sanjeev Sharma (HPFS)  
Divisional Forest Officer  
Dharamshala Forest Division  
Dharamshala

CHECK LIST SERIAL NUMBER - **32.**


**UNDERTAKING FOR DISPOSAL OF MUCK**

It is to certify that I, Er. Sarvan Kumar Thakur, Executive Engineer, Dharamshala Division, HP I&PH Dharamshala, District Kangra (HP) - 176215, have applied for diversion of 0.4047 ha. of forest area for the purpose of construction of Septage Treatment Plant at Sakoh in Mohal Panjlehar, Tehsil Dharamshala, District Kangra (H.P.).

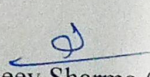
I, hereby undertake that the muck generated during the construction of Septage Treatment Plant will be self-utilized for backfilling of retaining wall and levelling of the low lying areas within the boundary and no muck will be dumped in forest land outside the diverted area or rolled down the hill side.

Place : Dharamshala

Dated : **19-04-2022**

  
Er. Sarvan Kumar Thakur  
Executive Engineer  
Dharamshala Division  
HP I&PH Dharamshala  
Dharamshala

Countersigned by :

  
Dr. Sanjeev Sharma (HPFS)  
Divisional Forest Officer  
Dharamshala Forest Division  
Dharamshala

## JUSTIFICATION REGARDING DISPOSAL OF MUCK

### Introduction

The project envisages Establishment of FSSM System for treatment of Faecal Sludge Generated from Household Sanitation Facilities with State- Of –Art Technology at Dharamshala Distt. Kangra Himachal Pradesh (S.H.:- C/o FSSM System (60 KLD Capacity) based on Engineered Natural Treatment Systems with amalgamation of Renewable Energy along with O&M for five years).

The proposed project site is in natural uniform slope of about 1:8. Project development activities will be involving construction of shallow rectangular tank structures with depth ranging from 0.5 meter to 2.00 meter with mostly above ground. In such conditions, only base part of the structures (0.3 meter) will be in soil and rest of the structure will be above ground. This small amount of excavation soil will be used in-situ for development of inter connecting paths, backfilling and internal roads in a planned manner.

The excess cutting generated, disposal sites and adequate disposal and management guidelines have been discussed in the following sections.

#### 1. Excess Earth Quantity Generation :-

In the proposed project, debris is expected to be generated very less as 0.3 meter excavation below ground level is involved. Whole Earth quantity so generated is utilization as filling in-situ for the construction of Project. No excess debris generation from the project is left for disposal.

### Guidelines on Debris disposal Management

1. Fencing shall be done to prevent human/animal interference.
2. Disposal shall not obstruct the natural drainage pattern.

3. Trees shall be retained along the contours wherever feasible so as not to disturb the natural slope.
4. Protection walls shall be constructed along the contours and the muck generated will be utilized for backfilling of these protection Walls.
5. No muck shall be rolled down the hill side or disposed-off in forest land and khad passing nearby.
6. Disposal may be avoided during the rainy season, to avoid slipping of debris while disposal.
7. Top soil shall be stripped wherever feasible to a specified depth of 150 mm and stored in stockpiles of height not exceeding 2 m in height and used for landscaping.

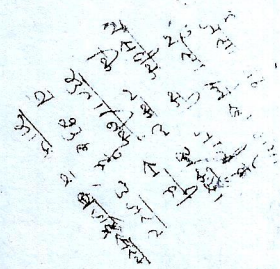
Date : 06-08-2022  
Place : Dharamshala

Executive Engineer  
Jal Shakti Division  
Dharamshala  
Dharamshala

Countersigned By :-

Divisional Forest Officer  
Dharamshala Forest Division  
Dharamshala

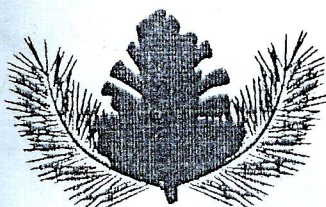
F.S.S.M. SAKOT



Executive Engineer  
Jal Shakti Division  
Dharamshala

Divisional Forest Officer,  
Dharamshala Forest Division,  
Dharamshala

Ref no. ....



**DHARAMSHALA**  
MUNICIPAL CORPORATION

"transferring temperance together"

Office : DMC Office, Charan Khad  
Dharamshala 176215 (H.P.)

Date 17/08/2021

37-11412 55/101 471

उत्पादन किया जाता है कि मुद्दा जटिल वाई नं० १  
संकोह मौजा संकोह एडो धर्मपाला जिला कांगड़ा में स्वाभाविक ॥  
८३३... खलौनी नं० ३५३... स्थित है जिसकी मानिक सरकार  
विभाजन उद्देश्य है इसमें जल विभाग एडो उ० द्वारा सीवेरज टीमें  
लॉट (STP) बनाया जाता है। इस लॉट द्वारा वाई नं० १ संकोह  
के सभी वाईवांसियाँ (टीका जटिल पतलेट व लीका उपरेश) को इस  
सीवेरज सुविधा का लाभ प्राप्त होगा। इसके बारे में वाईवांसियाँ से  
पता की गई। वाईवांसियाँ को इस संबंध में कोई भी उत्तर न है  
वन आगन्तुक समेती (FRC) वाई नं० १ संकोह को २२ीं इसमें कोई  
आपत्ति न है व सर्वसहमत से अग्रणीर प्रमाणित किया जाता है

1. Anurag Khatun
2. ~~Bheemendra Singh~~
3. Rakesh Kumar
4. 2114012101
5. Suman
6. Deepak Kumar

Sanyal

Ashok  
kumari

Rakesh Kumar

John Thacker

Journal

~~Myself~~  
Rachin Das

Singh  
Sudhakar Singh  
Councillor,  
Municipal Corporation,  
Dharamshala  
17/08/2020.

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Shantala Karmali

2 4/7 7 2/3

Abhishek

छात्र  
 जसिंदर कौर  
 सफेद  
 T. 1000



**H.P. STATE POLLUTION CONTROL BOARD**  
"Him Parivesh Bhawan", Regional Office Dharamshala  
Near GSSS, Dari, Tehsil Dharamshala, Distt.-Kangra (H.P.), PIN 176057  
Phone No. 01892-222628

Website: <http://hppcb.nic.in>

e-mail: [pcbroyassur@gmail.com](mailto:pcbroyassur@gmail.com)

No: - PCB/Non Polluting (118) /RO (D/sala)/22-  
To

6032-33

Dated: 63-02-2022

The Distt. Revenue Officer,  
Kangra at Dharamshala,  
Tehsil Dharamshala, Distt. Kangra, H.P.

**Sub: -** NOC for diversion of 0.4047 Ha. of Forest Land in favour of J.S.V Department for the construction of Septage Treatment Plant in Sakoh (Mohal Panjlehar) at Khasra No. 833, within the jurisdiction of Dharamshala Forest Division, District Kangra H.P.

Sir,

With reference to the letter no. 15909, dated 28/01/2022 received on date 28/01/2022 from the Executive Engineer, Jal Shakti Sub Division, Dharamshala, Tehsil Dharamshala, Distt. Kangra, H.P. along with the revenue record vide which they have applied to get the land as tabulated below:

Sr. No.	Mohal	Khasra No.	Measuring Area as per submitted Revenue record	Ownership
1.	(Mohal Panjlehar) Sakoh, Tehsil Dharamshala, Distt. Kangra, H.P.	833	00-40-47 Hect. ✓	Govt. of Himachal Pradesh

As per the above tabulated record provided the land is to be transferred in favour of Jal Shakti Vibhag, Govt. of H.P. for the construction of Septage Treatment Plant within the jurisdiction of Dharamshala Forest Division, District Kangra H.P.. The State Pollution Control Board has no objection if the said land is transferred in favour of Jal Shakti Vibhag, Govt. of H.P. subject to the following conditions:

- Prior consent of the State Board shall be obtained before undertaking any steps to establish the project under Water Act, 1974 and/or Air Act, 1981, as the case may be.
- Transfer of land shall be governed only by the regulations and provisions prescribed by Revenue Department and this NOC alone shall not entitle the applicant to purchase/acquire land.
- NOC so issued shall not confer any right on the applicant to establish the project unless the Revenue Department has actually allowed the acquisition of land.
- This NOC is subject to prior forest clearance, if any required.
- The proponent shall maintain noise level equal to or less than the standard prescribed under Env. Protection Rules, 2016 for sensitive areas near its boundary walls.
- The project shall provide proper scientific system for the disposal of domestic effluent, kitchen waste water and Municipal Solid Waste.
- During the plot leveling if any muck is generated, the same should be stored/stacked/back filled scientifically alongwith the provision of toe walls, as required.

Yours faithfully,

Dr. R.K. Nadda  
Sr. Environmental Engineer, HPSPCB

Copy to:

✓ The Executive Engineer, Jal Shakti Sub Division, Dharamshala, Tehsil Dharamshala, Distt. Kangra, H.P. with reference to your office letter no: 15909, dated 28/01/2022 for information please.

Dr. R.K. Nadda  
Sr. Environmental Engineer, HPSPCB

2

HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT

NO. PW/NHJ/WA/NOC/2022-23  
To

3449-50

Dated:- 28-07-2022

The Executive Engineer,  
Jal Shakti Division,  
Dharamshala.

Subject:-

Diversion of 0.44047 ha. Of forest land in favour of I & PH Department for the construction of Septage Treatment Plant at Sakoh, within the jurisdiction of Dharamshala Forest Division, Distt. Kangra, Himachal Pradesh. (Online Proposal No. FP/HP/Others/50258/2020).

Reference:-

Your office letter No. JSVD/EE/D-Shala/WA-I/NOC/Format/2022-4647-48 dated 22.06.2022.

Regarding the subject cited matter under reference, the NOC for construction of Septages Treatment Plant At Sakoh, Tehsil Dharamshala Distt. Kangra H.P. is hereby issued by this department subject to the following terms and conditions:-

1. Proposed construction will be carried out strictly five meters away from the acquired width of National Highway - 503 i.e. (Matour-Dharamshala-Mcleodganj road, Km 0/0 to 23/105)
2. No damage to govt. property such as road crust, road structure etc. be done during and after construction work.
3. No debris/ materials of any kind be stacked on National Highway land during the construction work.
4. No crossing will be allowed on NH-503 without prior permission.
5. No hindrance of any kind be created for the smooth flow of traffic during and after the construction work.

Failure to comply any of the above conditions shall lead to cancellation of this NOC immediately.

Executive Engineer,  
NH Division HP.PWD,  
Joginder Nagar.

Copy to the Assistant Engineer, NH Sub-Division, HPPWD, Shahpur for information and further necessary action.

Executive Engineer,  
NH Division HP.PWD,  
Joginder Nagar.

Executive Engineer  
Jal Shakti Division  
Dharamshala

Copy No. 2816  
Dated 5/8/22  
Jal Shakti Division  
Dharamshala

FD  
WA  
1/8/22

**DIMENSION-WISE DETAIL OF LAND REQUIRED FOR CONSTRUCTION OF SEPTAGE TREATMENT PLANT AT SAKOH IN TEHSIL DHARAMSHALA, DISTRICT KANGRA (H.P.)**

SL.NO	MOHAL	KHASRA NO.	COMPONENT / DESCRIPTION	LENGTH (IN MTR.)	WIDTH (IN MTR.)	AREA IN SQUARE METER	AREA IN FOREST LAND (IN SQ. MT.)	AREA IN PRIVATE LAND (IN SQ. MT.)	CLASSIFICATION OF LAND
1	Panjlehar	833	Approach Road & Turning Point	144	6	864	864	-	Charagah Darakhtan
2			Thickner I	10	10	100	100	-	
3			Thickner II	10	10	100	100	-	
4			Bio-F-I	10	5	50	50	-	
5			Bio-F-II	10	5	50	50	-	
6			Lab	12	8	96	96	-	
7			SDB Unplanted	25	20	500	500	-	
8			SDB Planted	25	20	500	500	-	
9			Solar Unit	25	8	200	200	-	
10			F-Sump	4	4	16	16	-	
11			M-Bar -I	10	5	50	50	-	
12			M-Bar -II	10	5	50	50	-	
13			Wet Land	18	5	90	90	-	
14			Pond	18	8	144	144	-	
15			Inlet I	10	10	100	100	-	
16			Inlet II	10	10	100	100	-	
17			Lime Tank	13	12	156	156	-	
18			MMF	5	3	15	15	-	
19			CCT	5	3	15	15	-	
20			Chowkidar Hut	5	5	25	25	-	
21			Shed for Store	10	6	60	60	-	
22			Screen & Grit	6	2	12	12	-	
23			Set Back Area	188.5	4.00	754	754	-	
TOTAL						4047	4047	-	-

0

Date: 06-08-2022  
Place: Dharamshala

Er. Sharvan Kumar Thakur  
**Executive Engineer**  
Dharamshala Division  
H.P. I & PH Dharamshala

Countersigned by :-

Divisional Forest Officer  
Dharamshala Forest Division  
Dharamshala

**DIVERSION OF 0.4047 HA. OF FOREST LAND FOR CONSTRUCTION OF SEPTAGE  
TREATMENT PLANT AT SAKOH IN DHARAMSHALA, DISTRICT KANGRA, (H.P.)**


**FILE NO. : FP/HP/Others/50258/2020**

**DATE OF PROPOSAL :**

**CERTIFICATE FOR BENEFICIARIES**

This is to certify that due to construction of Septage Treatment Plant at Sakoh in Mohal Panjlehar, Tehsil Dharamshala, District Kangra (H.P.), the following villages shall be benefited :

Sr. No.	Name of the Village	Village Code	Population (as per census 2011)
1.	Panjlehar	357 (009538)	1532

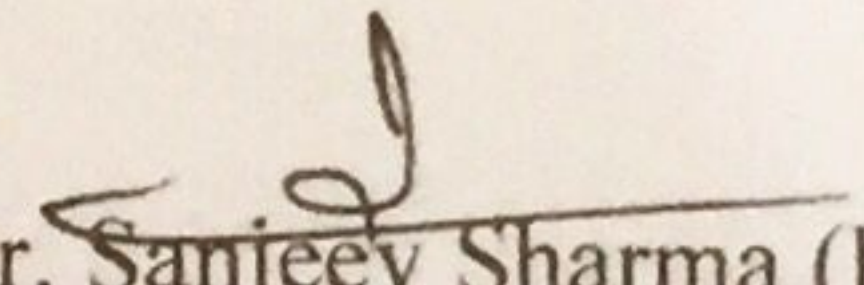
  
Sub-Divisional Officer (Civil)  
Dharamshala Sub Division,  
Dharamshala, District Kangra  
(H.P.)

**DIVERSION OF 0.4047 HA. OF FOREST LAND FOR CONSTRUCTION OF SEPTAGE  
TREATMENT PLANT AT SAKOH IN DHARAMSHALA, DISTRICT KANGRA, (H.P.)**  
FILE NO. : **FP/HP/Others/50258/2020**  
DATE OF PROPOSAL :

**CERTIFICATE REGARDING DISTANCE OF PROPOSED AREA FROM PROTECTED OR  
THEIR ECO SENSITIVE ZONE IN RESPECT OF CONSTRUCTION OF SEPTAGE  
TREATMENT PLANT AT SAKOH IN TEHSIL DHARAMSHALA, DISTRICT KANGRA (H.P.)**

This is to certify that the area proposed for construction of Septage Treatment Plant at Sakoh in Mohal Panjlehar, Tehsil Dharamshala, District Kangra does not fall in protected area or eco sensitive zone. Its distance from the Protected area and eco-sensitive zone of Pong Dam Lake Wild Life Sanctuary is about 19.1 kms and from Dhauladhar Wild Life Sanctuary is 52.4 kms.

Place : Dharamshala  
Dated :

  
Dr. Sanjeev Sharma (HPFS)  
Divisional Forest Officer  
Dharamshala Forest Division  
Dharamshala