

DHARAMSHALA SMART CITY LIMITED

**DA BUILDING, CHILGARHI, DHARAMSHALA, DISTRICT KANGRA,
HIMACHAL PRADESH-176215.**

Ph: 01892-226677, 226075 email - dscldharamshala@gmail.com

Dated: 09-03-2021

CL & PH/31/2017- 2350

OFFICE ORDER

of powers vested in me, vide Department of Urban Development Himachal Order No. UD-C (10)-1 2014-I dated 24.06.2016 read with letter No. UD-C-1-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 relating to for Establishment of FSSM facility with State-of-Art Technology at SH:- C/o FSSM system based on Natural Treatment System with renewable hereby accorded as per terms & conditions mentioned below:-

Administrative Approval: ₹10,40,00,000/- (Rs. Ten Crore Forty Lakh only)
Technical Sanction: ₹10,40,00,000/- (Rs. Ten Crore Forty Lakh only)
Source of Funds: Smart City Funds.

Technical 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 legal formalities as per timelines of Smart City Mission.

Expenditure is allowed above AA/ES accorded.

Contract should be awarded to those firm/bidder who possess the valid EPF & GST and be ensured that, each item of work is executed as per specification contained in State and Smart City Guidelines.


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

Dated: 09.3.2021

CL & PH/31/2017- 2351-59

Principal Secretary (UD) to the Government of Himachal Pradesh, Shimla.
Secretary, Urban Development, GoHP, Shimla-2.

Chief Financial Officer, Dharamshala Smart City Ltd. Dharamshala.

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

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

Dharamshala

Team Leader, PMC, Dharamshala.

File

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.

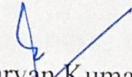
PROFORMA FOR DETAILS OF MUCK

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 x 8 x 0.40 = 349	157	506	126	380	Self Utilize	1460
Turning Area	20 x 20 x 0.25 = 100	45	145	44	101		
Thickner I	10 x 10 x 0.50 x 0.40 = 20	9	29	-	29		
Thickner II	10 x 10 x 0.50 x 0.40 = 20	9	29	-	29		
Bio-F-I	10 x 5 x 0.50 x 0.40 = 10	5	15	-	15		
Bio-F-II	10 x 5 x 0.50 x 0.40 = 10	5	15	-	15		
Lab	10 x 10 x 0.50 x 0.40 = 20	9	29	-	29		
SDB Unplanted	20 x 25 x 0.50 x 0.40 = 100	45	145	-	145		
SDB Planted	20 x 25 x 0.50 x 0.40 = 100	45	145	-	145		
Solar Unit	25 x 5 x 0.25 = 31	14	45	-	45		
F-Sump	2 x 2 x 0.25 = 1	1	2	-	2		
M-Bar -I	10 x 5 x 0.40 x 0.60 = 12	5	17	-	17		
M-Bar -II	10 x 5 x 0.40 x 0.60 = 12	5	17	-	17		
Wet Land	16 x 5 x 0.40 = 32	14	46	-	46		
Pond	16 x 5 x 1.25 = 100	45	145	-	145		
Inlet I	10 x 10 x 0.50 = 50	22	72	-	72		
Inlet II	10 x 10 x 0.50 = 50	22	72	-	72		
Lime Tank	10 x 6 x 0.60 x 0.50 = 15	7	22	-	22		
MMF	5 x 3 x 0.60 x 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 m³ 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 m³ shall be utilized locally.

Place : Dharamshala
Dated : 19-04-2022


Er. Sarvap Kumar Thakur
Executive Engineer
Dharamshala Division
HPFS & PWD
HP I&P Division
Dharamshala

Countersigned by :


Dr. Sanjeev Sharma (HPFS)
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 :

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 Panjehar, 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.

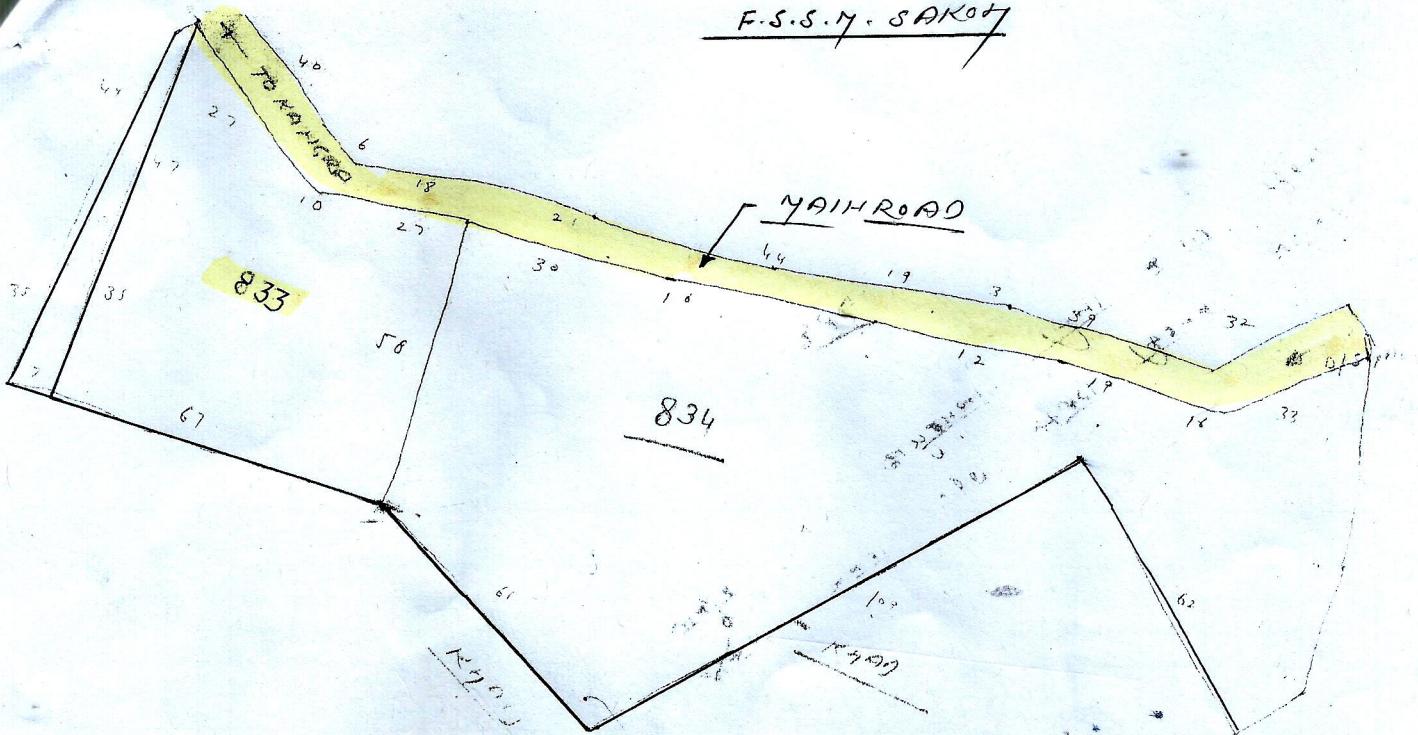
Date : 06-08-2022
Place : Dharamshala

Executive Engineer
Jal Shakti Division
Executive Engineer
Jal Shakti Division
Dharamshala
Dharamshala

Countersigned By :-

Divisional Forest Officer
Dharamshala Forest Division
Dharamshala

F.S.S.Y. SAKO



**Executive Engineer
Jal Shakti Division
Dharamshala**

Divisional Forest Officer,
Dharamshala Forest Division,
Dharamshala



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: pcbrojassur@gmail.com

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

60 32 - 33

Dated: 03-02-2022

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 Panjehar) 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 Panjehar) 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:

- (i) 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.
- (ii) 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.
- (iii) 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.
- (iv) This NOC is subject to prior forest clearance, if any required.
- (v) 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.
- (vi) The project shall provide proper scientific system for the disposal of domestic effluent, kitchen waste water and Municipal Solid Waste.
- (vii) 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

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For Shala

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT
NO.PW/NHJ/WA/NOC/2022-23 3444-50

Dated:- 28-07-2022

To

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.

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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

**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	Panjehar	833	Approach Road & Turning Point	144	6	864	864	-	Charagh 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				0	4047	4047	0	-	-

Date: 06-08-2022

Place: Dharamshala

Er. Sharvan Kumar Thakur
Executive Engineer
Dharamshala Division
HP J&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
Sub-Divisional Officer (Civil)
Dharamshala (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