Parsvnath
committed to build a better world

*Ref. No. :PDL/Strategic Planning/EIA/3064* *28/11/2014*

**Sh. Surendra Kumar, Director(S)**
**Northern Regional Office**
**Ministry of Environment & Forests**
**Bays No. 24-25, Sector-31 A,**
**Dakshin Marg, Chandigarh-160030**

**Sub: Six-Monthly Compliance of Environmental Conditions for the period of December,2014 for "Paliwal City" in Sector-38,39 at Panipat, Haryana**

**Ref: EC letter No. DEH/09/SEIAA/279 dated 4/5/2009**

Dear Sir,

This is in reference to Environment Clearance letter No. DEH/09/SEIAA/279 dated 4/5/2009 for the above mentioned project. As per the conditions stipulated in the Environmental Clearance (EC) accorded to the project, we have been directed to submit the six monthly compliance report.

In this regard, we are submitting the pointwise compliances of conditions as stipulated in Environmental Clearance.

Thanking you,

Yours faithfully
**For Parsvnath Developers Ltd.**

**(Authorised Signatory)**

*Copy to:*

1. *Regional Office, Haryana State Pollution Control Board, SCO-55, Sec-25 HUDA, Panipat*
2. *Member Secretary, SEIAA Haryana, Bays No. 55 - 58, Parytan Bhawan, 1st floor, Sector- 2, Panchkula.*

**Parsvnath Developers Limited**
**CIN:** L45201DL1990PLC040945
**Corporate Office:** 6th Floor, Arunachal Building, 19, Barakhamba Road, New Delhi-110001, Ph. : 011-43686600, 43684800, Fax : 011-23315400
**Registered Office:** Parsvnath Metro Tower, Near Shahdara Metro Station, Shahdara, Delhi - 110032, Ph. : 011-43050100, 43010500, Fax : 011-43050473
E-mail : mail@parsvnath.com, Visit us at: www.parsvnath.com

**SIX MONTHLY COMPLIANCE REPORT**
**Of**
**Township Project "Paliwal City" Panipat**

## Introduction

Parsvnath Developers intends to construct an international quality colony in Panipat in order to meet the growing need of housing for the urban population at an affordable price.

Parsvnath Developers Limited has ambitious plans to convert the landscape through the development of fully integrated township with all conceivable amenities and facilities backed by world class infrastructure. This self-contained ultra-modern city will pamper its residents with scenic wealth and a robust infrastructure.

Paliwal City, Panipat will offer a delightful environment that will enthrall with its compassionate beauty.

The proposed project named "**Paliwal City**" situated adjacent to the National Highway – 1 (NH-1) in east direction. The project involves the development of township project "**Paliwal City**" will spread over an area of 6, 57,547 sqm.

Parsvnath Paliwal City unveils a majestic array of opulent lifestyle inspired by exquisite themes that have been experimented world over. Get fascinated by illustrative & intricate portrayal of architectural creativity that is spread en-route the entrance, through the inner spaces – living room, bedrooms, walkways corridors, terrace and functional spaces like kitchen and wash rooms. It is a sheer confluence of charismatic surroundings exquisitely designed to grip you the moment you enter the condominium.

The project will be developed according to the highest international standards, offering well designed exclusive living comfort and splendors of modern amenities matched with lush verdant expanse

## Description of the Project

The proposed project "Parsvnath Paliwal City" is located in sector-38, & 39 at District Panipat, Haryana.

The project land falls in the approved land by HUDA. The project site is basically an agricultural land located in serene and pollution free surroundings.

The proposed township is to be developed on plot area 6,57,547 sqm. The total built up area is 2,16,677.45 sqm. The total water requirement proposed is 2348 KLD. The capacity of STP proposed is 2000 KLD.

The details of the proposed project are given in the **Table-1** below:

**TABLE – 1: Details of the Residential Complex**

| Salient Features of the Project | |
|---|---|
| Name of the Developer | M/s Parsvnath Developers Limited |
| Project Address | Parsvnath City at sector- 38, & 39 Panipat, Haryana |
| Plot Area | 657547 sqm |
| Total Built-up Area | 216677.45 sqmt |
| No. of ECS | 3060 |
| Total Project Cost | INR 212.563 Crores |
| Total water demand | 2348 $m^3/d$ |
| Water Source | Ground Water |
| STP | 2000 $m^3/d$ capacity |
| Energy Consumption | 14000 (Maximum Peak Demand) |
| Power Source | Dakhin Haryana Vidyut Vitaran Nigam Limited |
| DG sets: | 16 DG sets of 630 KVA |
| Solid Waste generated | ~4.9 Ton/ Day |
| Nearest Highway | National Highway No. 1 (Delhi-Chandigarh) |

**Present Status of Project**

Construction Status Work sheet is attached as ***Annexure-I***

**Purpose of the Study**

The study has been carried out under recommendation from Ministry of Environment and Forests in its clearance notification vide letter Ref No. (DEH/09/SEIAA/279 dated 04/05/2009 for the Part B: General Condition (Stipulated in the said letter)

Further, the study will envisage the environmental impacts that have generated in the local environment due to commencement of the project. The approved environmental impact assessment study carried out earlier has been considered as baseline environmental condition prevailing in the area.

Additional section of environmental audit has also been conducted to verify:

(a) The contractor following the environmental management guidelines as suggested in the approved environmental impact assessment report.

(b) Insufficiencies in the environmental management plan which turn out to be futile in the practical working condition to abate environmental degradation and vis a vis to amend the environmental management plan.

## Pointwise Compliance with Environmental Clearance (EC) Conditions

**Introduction:**

As per the environment clearance letter No. DEH/09/SEIAA/279 dated 4-5-2009, issued by SEIAA Haryana, certain conditions (safeguards) have been imposed upon the project, during both construction and operation phases, which are to be mandatorily complied along with other safeguards as proposed in the Form 1/ 1A and/or EIA report, in order to safeguard environment and its components from potential damages.

We are hereby submitting the pointwise compliance with Specific and General Conditions imposed on construction phase, as construction of the project is yet to be started.

### PART A. SPECIFIC CONDITIONS

**I. CONSTRUCTION PHASE:**

i. **A first aid room as proposed in the project report will be provided in both during construction and operation phase of the project.**
   - We are adhering the same.

ii. **Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. Open defecation by the labours is strictly prohibited. The safe disposal of waste water and solid waste generated during the construction phase should be ensured.**
   - We are adhering the same.

iii. **All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.**
   - Top soil had been conserved and used for landscaping area.

iv. **Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety & health aspects of people, only in approved sites with the approval of competent authority.**
   - It has been adhere.

v. **Construction spoils, including bituminous material and other hazardous materials, mush not be allowed to contaminate water course and the dump sites for such material must be secured so that they should not leach into the ground water and any hazardous waste generated during construction phase, should be disposed off as**

**per applicable rules and norms with necessary approval of the Haryana State pollution Control Board.**

- Proper precautionary measures will be kept to prevent any contamination of ground water. No major water course is present in the immediate vicinity of the project site.

vi. **The diesel generated sets to be used during construction phase should be of low sulphur diesel type and should conform to Environment (Protection) Rues prescribed for air and noise emission standards.**

- Development work has been completed at site hence no DG set is present now. However, the same shall be adhere when the remaining construction will start.

vii. **The Diesel required for operating the DG sets shall be stored in underground tanks & if required, clearances from Chief Controller of Explosives shall be taken.**

- As suggested, we shall store diesel in sealed underground tanks.
- Our diesel requirement is less than 1,000 liters/day which do not require the clearance from CCE. However if required, the necessary permission shall be obtained.

viii. **Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air & noise level during construction phase. Adequate measures should be made to reduce ambient air & noise level during construction phase, so as to conform to the stipulated standards.**

- Ambient air and noise quality has been regularly monitored during construction phase. The following measured are adopted to keep air and noise pollution loads during construction phase low:

- *Air Pollution Control:*
  - Proper housekeeping practices, like regular site cleaning and sprinkling of water is being undertaken which will reduce generation of fugitive dust.
  - Rotation of duties of casual staffs will be made to reduce exposure to pollutants.

- *Noise Pollution Control:*
  - All noisy construction operations is being carried out during daytime only.
  - DG sets to be used during the construction phase are 'enclosed" type , i.e. provided with acoustic canopy to conform with the provisions of E(P) Act, 1986.
  - Personal Protective Equipment (PPE) like ear plugs/muffs has been provided.
  - Job-rotation have been practiced in order to reduce persistent exposure to noise.

ix. **Fly ash should be used as building material in the construction as per the provisions of the Fly Ash notification of September, 1999 & amended as on 27th August 2003.**

- We are using Ready Mix Concrete (RMC) for construction purpose, which already contains approx. 15% by volume fly ash.

x. **Ready mix concrete must be used in building construction**

- We are already use the same.

xi. **Storm water control and its reuse as per CGWB and BIS standards for various applications should be ensured.**

- Rain water harvesting pits have been installed to collect rain water and recharge the ground water.

xii. **Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.**

- Water consumption will be kept minimum during construction phase using best available practices, like using RMC for structural and slab casting works.

xiii. **Permission from Competent Authority for supply of water shall be obtained prior to operation of the project.**

- In the construction phase, water is being sourced from tankers. We also have the permission from CGWA for using groundwater during operation phase.

xiv. **Roof should meet prescriptive requirement as per Energy Conservation Building Code (ECBC) by using appropriate thermal insulation material to fulfill requirement.**

- ECBC norms have been complied.

xv. **Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code that is proposed to be mandatory for all air-conditioned spaces while it is inspirational for no-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.**

- ECBC norms have been complied.

xvi. **The approval of competent authority shall be obtained for structural safety of the building due to earthquake, adequacy of fire fighting equipments etc. as per National Building code including protection measures from lighting etc. if any forest land is involved in the proposed site, clearance under Forest Conservation Act shall be obtained from the competent authority.**

- The same has been adhere to. No forest land is involved in the project, hence no clearance is required.

xvii. **The project proponent will use water for construction phase through tankers. However, prior permission from CGWA will be taken before using the borewell water for construction purpose.**

- In the construction phase, water is being sourced from tankers. We also have the permission from CGWA for using groundwater for operation phase.

xviii. **The project proponent will construct 72 rain water harvesting pits.**

- The same is in under process.

II. **OPERATION PHASE**

Not applicable.

**PART B. GENERAL CONDITIONS**

i. **The Environmental safe guards contained in the documents should be implemented in letter & sprit.**

- We are adhering to all points stipulated in the documents.

ii. **Six-monthly monitoring reports should be submitted to HSPCB and Regional Office, MoEF, GOI, Northern Region, Chandigarh and a copy to the SEIAA Haryana, Panchkula.**

- Six-monthly Environmental Monitoring reports are being regularly submitted to the concerned authority. Environmental Monitoring results are attached as ***Annexure-I.***

iii. **The SEIAA, Haryana reserves the right to add additional safeguard measures subsequently, if found necessary, Environmental Clearance granted will be revoked if it is found that false information has been given for getting approval of this project.**

- Noted

iv. **All other statutory clearance such as the approvals for storage of diesel from Chief Controller of Explosive, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972, PLPA, 1900, Forest Act, 1927 etc. shall be obtained, as applicable by project proponents from the respective authorities prior to start of construction of the project.**

- All the requisite approvals has been taken from the concerned authorities.

v. **The project proponent will not violate any judicial orders/ pronouncements issued by the Hon'ble Supreme Court/ High Courts.**

- Noted

# INDEX

# ANNEXURE-I

# CONSTRUCTION STATUS AS ON 30.11.2014

## COMPONENT WISE CONSTRUCTION STATUS

**PARSVNATH DEVELOPERS LTD.**
**DEVELOPMENT WORK , PANIPAT - AS ON 31.11.14**
**STAGES OF CONSTRUCTION**

| S. No. | Description of works | Unit | Total Qty. Revised | Qty. Executed | Balance Qty. | % Achieved |
|---|---|---|---|---|---|---|
| 1 | Sewer Line | Mtr. | 17942 | 17877 | 65 | 99.65% |
| 2 | Storm Water line | Mtr. | 19840 | 19745 | 95 | 99.50% |
| 3 | Water Supply line | Mtr. | 20586 | 20456 | 130 | 99.36% |
| 4 | Road Work WBM | Sqm. | 75000 | 74625 | 375 | 99.50% |
| 5 | Premix | Sqm. | 60422 | 50548 | 9874 | 85% |

**PARSVNATH DEVELOPERS LTD.**
**PARSVNATH ROYALE VILLAS & FLOORS , PANIPAT - AS ON 31.11.14**
**STAGES OF CONSTRUCTION**

| SL. NO. | PLOT NO./TOWER NO./UNIT NO. | TYPE | CONSTRUCTION STATUS | | | | |
|---|---|---|---|---|---|---|---|
| **A** | **Independent Floors(240 Sq.yds. & 300 sq. yds.)** | | | | | | |
| 1 | B-30 | 300 sq. yds. | Excavation | | | | |
| 2 | B-32 | 300 sq. yds. | Excavation | | | | |
| 3 | B-39 | 300 sq. yds. | Excavation | | | | |
| 4 | B-128 | 300 sq. yds. | Excavation & PCC | | | | |
| 5 | C-102 | 240 Sq.yds. | Excavation | GF Slab casted | FF Slab casted | SF Slab casted | GF/FF/SF Brick Work completed |
| 6 | C-103 | 240 Sq.yds. | Excavation | GF Slab casted | FF Slab casted | SF Slab casted | GF/FF/ SF Brick Work completed |
| 7 | C-104 | 240 Sq.yds. | Excavation | GF Slab casted | FF Slab casted | SF Slab casted | GF/FF/ SF Brick Work completed |
| 8 | C-166 | 240 Sq.yds. | Excavation | GF Slab casted | FF Roof casted | SF Roof casted | GF/FF/ SF Brick Work completed |
| 9 | C-199 | 240 Sq.yds. | Excavation plinth level. | GF Slab casted | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 10 | C-200 | 240 Sq.yds. | Excavation | GF Column casted | | | |
| 11 | C-167 | 240 Sq.yds. | Excavation | GF Slab casted | FF Slab casted | SF Roof casted | GF/FF /SF Brick Work completed |
| 12 | C-188 | 240 Sq.yds. | Excavation | GF Slab casted | FF Slab casted | SF Roof casted | GF/FF/ Brick Work completed |
| 13 | C-191 | 240 Sq.yds. | Excavation | GF Slab casted | | | |
| 14 | C-198 | 240 Sq.yds. | Excavation and footing | GF Column casted | | | |
| 15 | C-201 | 240 Sq.yds. | Excavation and footing | GF Column casted | | | |

**PARSVNATH DEVELOPERS LTD.**
**PARSVNATH ROYALE VILLAS & FLOORS , PANIPAT - AS ON 31.11. 2014**
**STAGES OF CONSTRUCTION**

| **SL. NO.** | **PLOT NO./TOWER NO./UNIT NO.** | **TYPE** | | | **CONSTRUCTION STATUS** | | |
|---|---|---|---|---|---|---|---|
| **A** | **Villas** | | | | | | |
| | | | | | | | |
| 1 | A-95 | Simplex | | | GF Column casted | | |
| 2 | A-96 | | | | GF Column casted | | |
| 3 | A-97 | Duplex | | | Excavation & PCC | GF Slab casted | FF Slab casted |
| 4 | A-98 | Duplex | | | Excavation & PCC | | FF Slab casted |
| 5 | A-103 | Simplex | | | Excavation | | |
| 6 | A-107 | Simplex | | | Excavation | | |
| 7 | A-111 | Simplex | | | Excavation | | |
| 8 | A-113 | Simplex | | | Excavation & PCC | | |

# ANNEXURE-II

# ENVIRONMENTAL MONITORING REPORTS

Contact : +91 - 9810243870

# EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

## TEST REPORT

### Ambient Air Quality Monitoring

**Test Report No. :** EK0/EV-AA/114/191114 **Issue Date** 25/11/2014

Issued To: PARSVNATH DEVELOPERS LIMITED
6th FLOOR, ARUNANCHAL BUILDING
19, BARAKHAMBA ROAD, NEW DELHI
Proj. Name - Parsvnath Developers, Paliwal City
Sector - 38 & 39, Panipat (Haryana)

| | |
|---|---|
| Sample Description | Ambient Air |
| Sample Drawn on | 18/11/2014 To 19/11/2014 |
| Sample Drawn by | EPEPL(Mr. Alok Kumar) |
| Sample Received on | 19/11/2014 |
| Sampling Location | On Project Site |
| Sampling Plan & Procedure | SOP-AAQ/15 |
| Analysis Duration | 19/11/2014 To 24/11/2014 |
| Sampling Time | 24.0 Hrs. |
| Ambient Temprature (°C) | 26.0 |
| Average Flow Rate of SPM ($m^3$/min) | 1.1 |
| Average Flow Rate of Gases (lpm.) | 1.0 |
| Weather Conditions | Clear |
| Remark (if any) | NA |

## RESULTS

| S.No. | PARAMETER | Test Methods | Results | Units |
|---|---|---|---|---|
| 1 | Particulate Matter (PM10) | IS:5182 (P-23) | 74.8 | µg/m3 |
| 2 | Particulate Matter (PM2.5) | SOP-AAQ/89/01 | 38.2 | µg/m3 |
| 3 | Sulphur dioxide (as SO2) | IS:5182 (P-2) Improved West & Geake | 12.6 | µg/m3 |
| 4 | Nitrogen Dioxide (as NO2) | IS:5182 (P-6) | 26.1 | µg/m3 |
| 5 | Carbon Monoxide (as CO) | IS:5182 (P-10) Grab Method | < 1.15 | mg/m3 |
| 6 | Lead (as Pb) | IS:5182 (P-22) | < 0.1 | µg/m3 |
| 7 | Nickel as Ni | SOP-AAQ/89/02 | < 15.0 | ng/m3 |
| 8 | Arsenic (as As) | SOP-AAQ/89/03 | < 5.0 | ng/m3 |
| 9 | Ozone (as O3) | IS:5182 (P-9) Chemical Method | < 10.0 | µg/m3 |
| 10 | Ammonia (as NH3) | APHA--AIR Indophenol Blue Method | < 20.0 | µg/m3 |
| 11 | Benzene (as C6H6) | IS:5182 (P-11) | < 1.0 | µg/m3 |
| 12 | Benzo (alpha) Pyrine-Particulate Phase only | IS:5182 (P-12) | < 1.0 | ng/m3 |

For EKO PRO ENGINEERS PVT. LTD.

Authorized Signatory

EKO PRO

Contact : +91 - 9810243870

# EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

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e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

**Test Report No. :** EK0/EV-AA/114/191114 **Issue Date** 25/11/2014

**Notes :**

**End of Report**

1. The results given above are ralated to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without written permission of the Laboratory.
3. This test report will not be use for any publicity/legal purpose.
4. This test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.
5. Responsibility of the Laboratory is limited to the invoiced amount only.

For EKO PRO ENGINEERS PVT. LTD.

Authorized Signatory

EKO PRO

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Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

## TEST REPORT

### Noise Monitoring

**Test Report No. :** EK0/EV-NM/121/191114 **Issue Date** 21/11/2014

| | |
|---|---|
| Issued To | PARSVNATH DEVELOPERS LIMITED<br>6th FLOOR, ARUNANCHAL BUILDING<br>19, BARAKHAMBA ROAD, NEW DELHI<br>Proj. Name - Parsvnath Developers, Paliwal City<br>Sector - 38 & 39, Panipat (Haryana) |
| Sample Description | Ambient Noise |
| Sample Drawn on | 18/11/2014 To 19/11/2014 |
| Sample Drawn by | EPEPL(Mr. Alok Kumar) |
| Sample Received on | 19/11/2014 |
| Sampling Location | On Project Site |
| Sampling Plan & Procedure | SOP-N/01 |
| Environmental Condition | Normal |
| Analysis Duration | 19/11/2014 To 20/11/2014 |
| Remark (if any) | NA |

## RESULTS

| S.No. | PARAMETER | Test Methods | Results | Units |
|---|---|---|---|---|
| 1 | Leq (24 Hrs.) | SOP-N/94/01 | 50.4 | dB (A) |
| 2 | L Day | SOP-N/94/01 | 53.8 | dB (A) |
| 3 | L Night | SOP-N/94/01 | 41.2 | dB (A) |
| 4 | L dn | SOP-N/94/01 | 47.5 | dB (A) |
| 5 | L Max (24 Hrs.) | SOP-N/94/01 | 68.1 | dB (A) |
| 6 | L Min (24 Hrs.) | SOP-N/94/01 | 37.3 | dB (A) |
| 7 | L 90 | SOP-N/94/01 | 43.2 | dB (A) |
| 8 | L 50 | SOP-N/94/01 | 49.5 | dB (A) |
| 9 | L 10 | SOP-N/94/01 | 51.8 | dB (A) |

**Notes :**

**End of Report**

1. The results given above are ralated to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without written permission of the Laboratory.
3. This test report will not be use for any publicity/legal purpose.
4. Responsibility of the Laboratory is limited to the invoiced amount only.

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## TEST REPORT

### Soil Sample Analysis

**Test Report No. :** EK0/EV-S0/105/191114 **Issue Date** 25/11/2014

Issued To: PARSVNATH DEVELOPERS LIMITED
6th FLOOR, ARUNANCHAL BUILDING
19, BARAKHAMBA ROAD, NEW DELHI
Proj. Name - Parsvnath Developers, Paliwal City
Sector - 38 & 39, Panipat (Haryana)

| | |
|---|---|
| Sample Description | Soil Sample |
| Sample Drawn on | 18/11/2014 |
| Sample Drawn by | EPEPL(Mr. Alok Kumar) |
| Sample Received on | 19/11/2014 |
| Sampling Location | NA |
| Sampling Plan & Procedure | SOP-S/50 |
| Sample Quantity | 1.0 Kg |
| Environmental Condition | Normal |
| Analysis Duration | 19/11/2014 To 24/11/2014 |
| Remark (if any) | NA |

## RESULTS

| S.No. | PARAMETER | Test Methods | Results | Units |
|---|---|---|---|---|
| 1 | pH (1 : 2.5 Suspension) | IS : 2720 (P-26) | 7.28 | - |
| 2 | Conductivity (1:5 Susp.) | IS : 2720 (P-21) | 612.0 | µs/cm |
| 3 | Water Holding Capacity | SOP-S/92/21 | 54.8 | % by mass |
| 4 | Bulk Density | SOP-S/92/12 | 1.06 | gm/cc |
| 5 | Sodium Available (as Na) | Ministry of Agriculture Manual 2011 | 152.4 | mg/kg |
| 6 | Potassium Available (as K) | Ministry of Agriculture Manual 2011 | 243.8 | mg/kg |
| 7 | Organic Matter | IS : 2720 (P-22) | 0.94 | % by mass |
| 8 | Total Kjehldal Nitrogen | SOP-S/92/06 | 1472.8 | mg/kg |
| 9 | Phosphorus (as P) | Ministry of Agriculture Manual 2011 | 41.3 | mg/kg |
| 10 | Zinc (as Zn) | SOP-S/96/11 | 17.4 | mg/kg |
| 11 | Lead (as Pb) | SOP-S/96/11 | < 1.0 | mg/kg |
| 12 | Copper (as Cu) | SOP-S/96/11 | < 1.0 | mg/kg |
| 13 | Cation Exchange Capacity | SOP-S/95/20 | 13.6 | meq/100gm |
| 14 | Moisture content | IS : 2720 (P-2) | 9.4 | % by mass |
| 15 | Iron (as Fe) | SOP-S/96/11 | 0.092 | % by mass |

For EKO PRO ENGINEERS PVT. LTD.

Authorized Signatory

EKO PRO

Contact : +91 - 9810243870

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Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

**Test Report No. :** EK0/EV-S0/105/191114 **Issue Date** 25/11/2014

**Notes :**

**End of Report**

1. The results given above are ralated to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without written permission of the Laboratory.
3. This test report will not be use for any publicity/legal purpose.
4. This test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
5. Responsibility of the Laboratory is limited to the invoiced amount only.

For EKO PRO ENGINEERS PVT. LTD.

Authorized Signatory

Contact : +91 - 9810243870 .

# EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

## TEST REPORT

### Stack Emission Analysis

**Test Report No. :** EKO/EV-SE/113/191114 **Issue Date** 25/11/2014

| | |
|---|---|
| Issued To | PARSVNATH DEVELOPERS LIMITED<br>6th FLOOR, ARUNANCHAL BUILDING<br>19, BARAKHAMBA ROAD, NEW DELHI<br>Proj. Name - Parsvnath Developers, Paliwal City<br>Sector - 38 & 39, Panipat (Haryana) |
| Sample Description | Stack Emission |
| Sample Drawn on | 18/11/2014 |
| Sample Drawn by | EPEPL(Mr. Alok Kumar) |
| Sample Received on | 19/11/2014 |
| Time of Sampling (minutes) | 30 |
| Sampling Location | NA |
| Sampling Plan & Procedure | SOP-SE/09 |
| Analysis Duration | 19/11/2014 To 24/11/2014 |
| Source of Emission | Stack Attached To DG Set |
| Capacity | 62.5 KVA |
| Operating Load | Normal |
| Normal Operation Schedule | As per requirement |
| Type of Stack | Metal/Circular |
| Diameter of Stack (meter) | 0.075 |
| Height of Stack from Ground Level (meter) | 2.0 |
| Height of Stack from Roof Level (meter) | - |
| Height of Sampling Location (meter) | Sampling done from top of stack |
| Type of Fuel Used | HSD |
| Fuel Consumed per Hour | 6.0 lph |
| Ambient Temperature (°C) | 26.0 |
| Stack Temperature (°C) | 70.0 |
| Average Velocity of Fuel Emission (m/sec) | 9.6 |
| Average Flow Rate (lpm) | 16.2 |
| Control Measures (if any) | Nil |
| Remark (if any) | Temporary Installed DG Set |

## RESULTS

| S.No. | PARAMETER | Test Method | Result | Unit |
|---|---|---|---|---|
| 1 | Particulate Matter (as PM) | Gravimetric Method | 19.4 | mg/Nm³ |
| 2 | Sulphur Dioxide (as SO2) | Titrametric Method | 8.1 | mg/Nm³ |
| 3 | Carbon monoxide (as CO) | Orsat Method | < 0.2 | % V/V |
| 4 | Lead (as Pb) | ICP Method | < 1.0 | mg/Nm³ |
| 5 | Oxides of Nitrogen (as NOx) | Spectrophotometric Method | 51.3 | mg/Nm³ |

For EKO PRO ENGINEERS PVT. LTD.

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Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

**Test Report No. :** EKO/EV-SE/113/191114 **Issue Date** 25/11/2014

**Notes :**

**End of Report**

1. The results given above are ralated to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without written permission of the Laboratory.
3. This test report will not be use for any publicity/legal purpose.
4. This test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.
5. Responsibility of the Laboratory is limited to the invoiced amount only.

For EKO PRO ENGINEERS PVT. LTD.

Authorized Signatory

EKO PRO

Contact : +91 - 9810243870

# EKO PRO ENGINEERS PVT. LTD.

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Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

## TEST REPORT

### Water Sample Monitoring

**Test Report No. :** EK0/EV-WA/113/191114 **Issue Date** 25/11/2014

Issued To: PARSVNATH DEVELOPERS LIMITED
6th FLOOR, ARUNANCHAL BUILDING
19, BARAKHAMBA ROAD, NEW DELHI
Proj. Name - Parsvnath Developers, Paliwal City
Sector - 38 & 39, Panipat (Haryana)

| | |
|---|---|
| Sample Description | Ground Water |
| Sample Drawn on | 18/11/2014 |
| Sample Drawn by | EPEPL(Mr. Alok Kumar) |
| Sample Received on | 19/11/2014 |
| Sampling Location | On Project Site |
| Sampling Plan & Procedure | SOP-W/66 |
| Environmental Condition | Normal |
| Analysis Duration | 19/11/2014 To 24/11/2014 |
| Remark (if any) | NA |

## RESULTS

| S.No. | PARAMETER | Test Methods | Result | Units |
|---|---|---|---|---|
| 1 | Colour | IS : 3025 (P-4) | < 5.0 | Hazen |
| 2 | Odour | IS : 3025 (P-5) | Agreeable | - |
| 3 | Taste | IS : 3025 (P-7) | Agreeable | - |
| 4 | Turbidity | IS : 3025 (P-10) | < 1.0 | NTU |
| 5 | pH | IS : 3025 (P-11) | 7.39 | - |
| 6 | Total Hardness (as CaCO3) | IS : 3025 (P-21) | 186.0 | mg/L |
| 7 | Calcium (as Ca) | IS : 3025 (P-40) | 45.8 | mg/L |
| 8 | Iron (as Fe) | IS : 3025 (P-53) | 0.13 | mg/L |
| 9 | Chloride (as Cl) | IS : 3025 (P-32) | 152.6 | mg/L |
| 10 | Residual Free Chlorine | IS : 3025 (P-26) | < 0.2 | mg/L |
| 11 | Fluoride (as F) | IS : 3025 (P-60) | < 1.0 | mg/L |
| 12 | Total Disolved Solids | IS : 3025 (P-16) | 564.0 | mg/L |
| 13 | Magnesium (as Mg) | IS : 3025 (P-46) | 17.1 | mg/L |
| 14 | Copper (as Cu) | IS : 3025 (P-42) | < 0.01 | mg/L |
| 15 | Manganese (as Mn) | IS : 3025 (P-59) | < 0.1 | mg/L |
| 16 | Sulphate (as SO4) | IS : 3025 (P-24) | 60.4 | mg/L |
| 17 | Nitrate (as NO3) | IS : 3025 (P-34) | 4.25 | mg/L |
| 18 | Phenolic Compounds (as C6H5OH) | IS : 3025 (P-43) | < 0.001 | mg/L |
| 19 | Mercury (as Hg) | IS : 3025 (P-48) | < 0.001 | mg/L |

For EKO PRO ENGINEERS PVT. LTD

Authorized Signatory

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Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

**Test Report No. :** EK0/EV-WA/113/191114 **Issue Date** 25/11/2014

| S.No. | PARAMETER | Test Methods | Result | Units |
|---|---|---|---|---|
| 20 | Selenium (as Se) | IS : 3025 (P-56) | < 0.005 | mg/L |
| 21 | Arsenic (as As) | IS : 3025 (P-37) | < 0.005 | mg/L |
| 22 | Cyanide (as CN) | APHA 4500 CN - C | < 0.05 | mg/L |
| 23 | Lead (as Pb) | IS : 3025 (P-47) | < 0.005 | mg/L |
| 24 | Zinc (as Zn) | IS : 3025 (P-49) | < 0.05 | mg/L |
| 25 | Chromium (as Cr6+) | IS : 3025 (P-52) | < 0.05 | mg/L |
| 26 | Alkalinity (as CaCO3) | IS : 3025 (P-23) | 242.0 | mg/L |
| 27 | Aluminium (as Al) | IS : 3025 (P-55) | < 0.01 | mg/L |
| 28 | Boron (as B) | IS : 3025 (P-57) | < 0.25 | mg/L |
| 29 | Cadmium (as Cd) | IS : 3025 (P-41) | < 0.001 | mg/L |
| 30 | Anionic Detergents (as MBAS) | APHA 5540-C | < 0.05 | mg/L |
| 31 | Total Coliform | IS : 9221 | Absent | Per 100 mL |
| 32 | E.coli | IS : 9221 | Absent | Per 100 mL |

**End of Report**

**Notes :**

1. The results given above are ralated to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without written permission of the Laboratory.
3. This test report will not be use for any publicity/legal purpose.
4. Responsibility of the Laboratory is limited to the invoiced amount only.

For EKO PRO ENGINEERS PVT. LTD

Authorized Signatory

# ANNEXURE-III

# NABL ACCIDITATION LETTER FOR LABORATORY

# NABL

## National Accreditation Board for Testing and Calibration Laboratories

Department of Science & Technology, India

## CERTIFICATE OF ACCREDITATION

# EKO PRO ENGINEERS PRIVATE LIMITED

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2005**

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

32/41, South Side of G.T.Road, Industrial Area, Ghaziabad

in the discipline of

CHEMICAL TESTING

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

**Certificate Number** T-1418

**Issue Date** 20/11/2012

**Valid Until** 19/11/2014

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the additional requirements of NABL.

Signed for and on behalf of NABL

Anuja Anand
Convenor

Anil Relia
Director

Dr T. Ramasami
Chairman

# NABL

## National Accreditation Board for Testing and Calibration Laboratories

Department of Science & Technology, India

## CERTIFICATE OF ACCREDITATION

# EKO PRO ENGINEERS PRIVATE LIMITED

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2005**

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

32/41, South Side of G.T.Road, Industrial Area, Ghaziabad

in the discipline of

BIOLOGICAL TESTING

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

**Certificate Number** T-1419

**Issue Date** 20/11/2012

**Valid Until** 19/11/2014

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the additional requirements of NABL.

Signed for and on behalf of NABL

Anuja Anand
Convenor

Anil Relja
Director

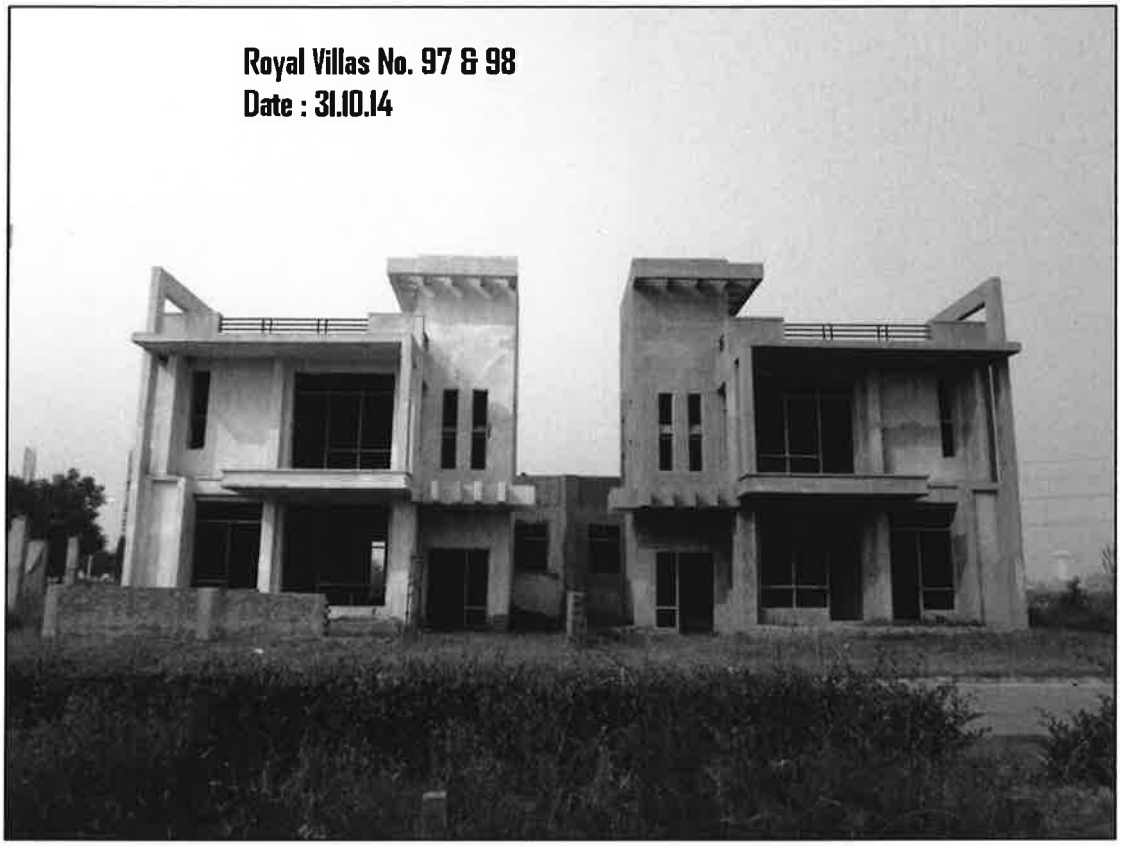
Dr T. Ramasami
Chairman

# ANNEXURE-IV

# CURRENT SITE PHOTOGRAPHS


Royal Villas No. 95 & 96
Date : 31.10.14

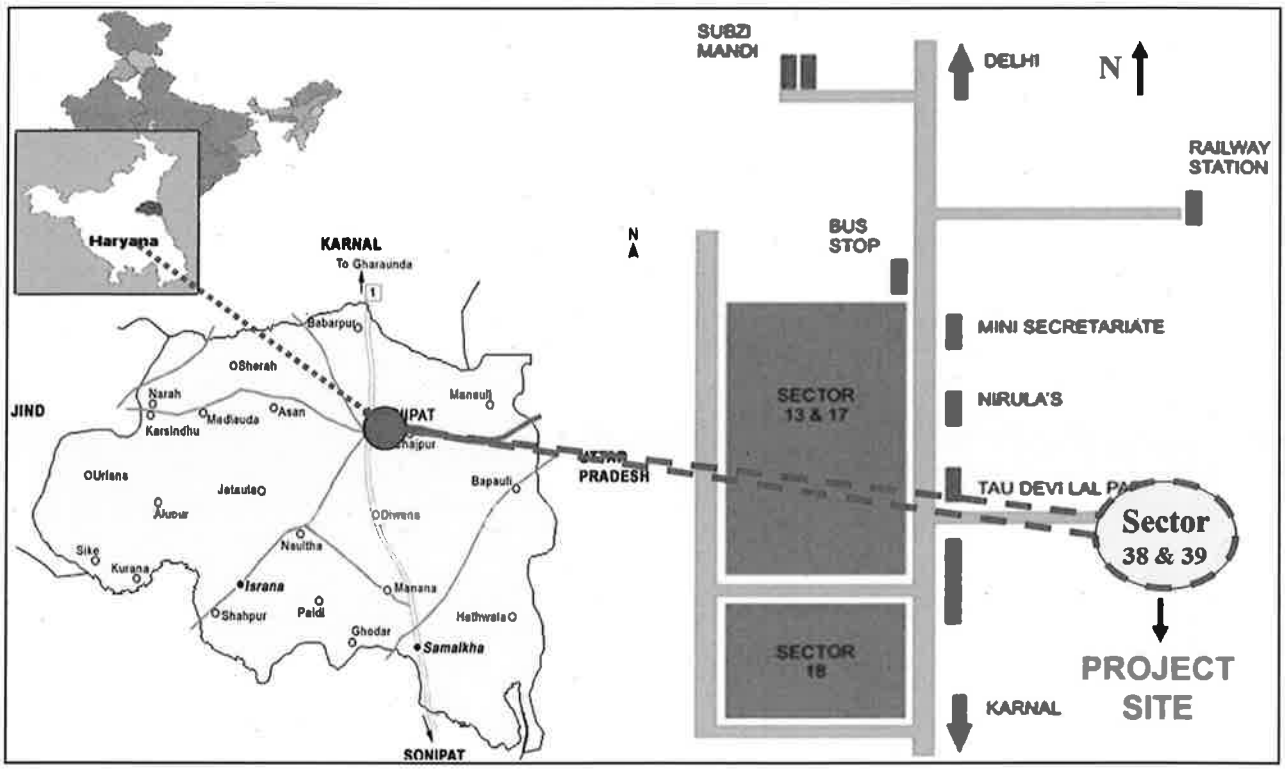

Ind. Floor No. 102, 103, 104
Date : 31.10.14


Royal Villas No. 97 & 98
Date : 31.10.14


Green Area C-Block
Date : 31.10.14

# ANNEXURE-V

# LOCATION MAP



# ANNEXURE-VI

# COPY OF ENVIRONMENTAL CLEARANCE

34

**GOVERNMENT OF HARYANA**
**STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY**
**DEPARTMENT OF ENVIRONMENT, HARYANA**
**SCO NO. 1-3, SECTOR-17-D, CHANDIGARH.**

No. DEH/09/SEIAA/ 879 Dated: 9/5/09

To

M/S Parsvnath Developers Ltd.
6th Floor, " Arunachal Building" 19,
Barakhamba Road, New Delhi-110001

Subject: **Environmental Clearance for the Construction of Proposed Township Project "Paliwal City in Sector-38 & 39 at Panipat, Haryana.**

Dear Sir,

This has reference to your application No. nil. dated 06.11.08 addressed to Director, IA Division MOEF, GOI New Delhi received by MS, SEIAA on 30.6.2008 and subsequent letters dated 11.12.08, 27.01.09,24.02.09 and 12.03.09 seeking prior environmental clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., Form-1, Form1-A & Conceptual Plan and the additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) constituted by MOEF, GOI vide their Notification 21.4.2008, in its 14th meetings held on 16th,17th & 18th March 2009 and awarded **"Gold"** grading to the project.

[2] It is, interalia, noted that the project involves construction of proposed Township Project on a plot area of 657547 Sq. Mt. The total built up area is 216677.45 Sq.Mt. The proposed township comprising of 927 of residential plots 800 Numbers of dwelling units and 4% area has reserved for commercial activity. The total initial water requirement is 2348 KLD and 1420 KLD after operation. The quantity of waste water generated from the project activity will be about 1916.5 KLD which will be treated in the STP by primary, secondary and tertiary treatment. The capacity of STP will be 2000 KLD. The treated water will be recycled back and utilized for gardening and cooling of DG, flushing etc. and 892 KLD of treated water will be discharge in Public sewer. Total solid waste generation will be 4.9 Ton/day which will be disposed off as per Solid Waste Management & Handling Rules. The power requirement is 14000 KVA which will be supplied by State Electricity Board. The total parking spaces proposed are for 3060 ECS. Total cost of the project is Rs. 212.563 crores.

[3] The State Expert Appraisal Committee, Haryana after due consideration of the relevant documents submitted by the project proponent and additional clarification furnished in response to its observations have recommended the grant of environmental clearance for the project mentioned above subject to compliance with the stipulated conditions. Accordingly, the State Environment Impact Assessment Authority hereby accords necessary environmental clearance for the project under Category 8(a) of EIA Notification 2006 subject to the strict compliance with the specific and general conditions mentioned below:-

**PART A- SPECIFIC CONDITIONS:-**
**Construction Phase:-**

[i] A first aid room as proposed in the project report will be provided in both during construction and operation of the project.

[ii] Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. Open desiccation by the labourers strictly prohibited. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured.

[iii] All the topsoil excavated during construction activities should be stored for use in horticulture/land scape development within the project site.

[iv] Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.

[v] Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water and any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approval of the Haryana State Pollution Control Board.

(vi) The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.

[vii] The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.

[viii] Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards.

[ix] Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003.

[x] Ready mixed concrete must be used in building construction.

[xi] Storm water control and its re-use as per CGWB and BIS standards for various applications.

[xii] Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.

[xiii] Permission from Competent Authority for supply of water shall be obtained prior to construction/operation of the project.

[xiv] Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.

[xv] Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code which is proposed to be mandatory for all air conditioned spaces while it is aspirational for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.

[xvi] The approval of the competent authority shall be obtained for structural safety of the building due to earthquake, adequacy of fire fighting equipments, etc. as per National Building Code including protection measures from lightening etc. If any forest land is involved in the proposed site, clearance under Forest Conservation Act shall be taken from the competent Authority.

[xvii] The project proponent will use the water for construction phase through tankers. However, this area does not fall under the dark category as declared by CGWA and will be using the water of the already existing two tubewells for construction/ operation phase till the water is supplied by the Local Authority/HUDA.

Xviii During construction phase, the project proponent will use the water brought to the site by tankers from safe areas. However, if any existing tubewell/borewell is to be used, then prior permission from CGWA will be obtained

**Operation Phase:**

[i] The STP be installed for the treatment of the sewage generated to the prescribed standards including odour and treated effluent will be recycled to achieve zero discharge. The STP should be installed at the farthest place in the project area.

[ii] Separation of the gray and black water should be done by the use of dual plumbing line. Treatment of 100% gray water by decentralized treatment should be done ensuring that the recirculated water should have BOD maximum 10 pm and the recycled water will be used for flushing, gardening and HVAC makeup and DG set cooling.

[iii] For disinfections of the treated waste water ultra violate radiation or ozonization should be used.

[iv] The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry/ inert solid waste should be disposed off to be approved sites for land filling after recovering recyclable material.

[v] Diesel power generating sets proposed as source of back up power for lifts, common area illumination and for domestic use should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The location of the DG sets should be in the basement as promised by the project proponent with appropriate stack height i.e above the roof level as per the CPCB norms. The diesel used for DG sets should be of low sulphur contents (maximum 0.25%).

[vi] Ambient Noise level should be controlled to ensure that it does not exceed the prescribed standards both within and at the boundary of the Proposed Commercial Complex.

[vii] The project proponent should maintain at least 15% as green cover area for tree plantation especially all around the periphery of the project and on the road sides preferably with local species so as to provide protection against particulates and noise. The open spaces inside the plot should be preferably landscaped and covered with vegetation/grass.

[viii] Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchments area during the monsoon period.

[ix] Rain water harvesting for roof run-off and surface run-off, as plan submitted should be implemented. Before recharging the surface run off, pre- treatment must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging should be kept at least 5 mts. Above the highest ground water table and efforts should be made utilize the water run- off by constructing the water harvesting simultaneously wherever feasible.

[x] The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.

[xi] There should be no traffic congestion near the entry and exist points from the roads adjoining the proposed project site. Parking should be fully internalized and no public space should be utilized.

[xii] A report on the energy conservation measures conforming to energy conservation norms finalize by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submit to the IA Division of Environment Department, Haryana in three months time.

[xiii] Energy conservation measures like installation of CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible.

[xiv] The solid waste generated should be properly collected and segregated as per the requirement of the MSW Rules, 2000. The project proponent will subject the solid waste generated from the complex to the following process with in the complex site .

a) Segregation into bio/degradable and non bio/degradable solid waste
b) In situ composting of the bio/degradable waste at the compost pits
c) Transportations of non bio/degradable waste to an authorized dumping site/ solid waste management plan.

Xv. The provision of the solar water heating system shall be as per the norms specified by HAREDA and shall be made operational in each building block.

Xvi. The project will be operationalized only after completion of infrastructure including supply of water by HUDA or with the permission of the CGWA for using ground water from the tubewells/borewells.

**PART-B. GENERAL CONDITIONS:**

(i) The environmental safeguards contained in the EIA/EMP Report should be implemented in letter and spirit.

(ii) Six monthly compliance reports should be submitted to the HSPCB and Regional Office, MOEF, GOI, Northern Region, Chandigarh and a copy to the Regulatory Authority of Haryana.

[iii] The project proponent will sent one copy of the EMP Report to Additional Director, Regional Office, MOEF, GOI, Sector 31, Chandigarh and to the Chairman, Haryana State Pollution Control Board, Panchkula for their reference.

[iv] The SEIAA, Haryana reserves the right to add additional safeguard measures subsequently, if found necessary. Environmental Clearance granted will be revoked if it is found that false information has been given for getting approval of this project.

[v] All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972, PLPA, 1900, Forest Act, 1927 etc. shall be obtained, as applicable by project proponents from the respective authorities prior to construction of the project.

[vi] These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991, Forest Conservation Act, 1980 and EIA Notification, 2006.

[vii] The Project proponent will not violate any judicial orders/pronouncements issued by the Hon'ble Supreme Court/High Courts.

**Member Secretary,**
**State Level Environment Impact**
**Assessment Authority, Haryana,**
**Chandigarh.**

Endst. No. DEH/09/SEIAA/ Dated:.....

A copy of the above is forwarded to the following:

1. The Additional Director (IA Division), MOEF, GOI, CGO Complex, Lodi Road, New Delhi.
2. The Regional officer, Ministry of Environment & Forests, Govt. of India, Sector 31, Chandigarh.
3. The Chairman, Haryana State Pollution Control Board, Pkl.

**Member Secretary,**
**State Level Environment Impact**
**Assessment Authority, Haryana,**

**Parsvnath**
committed to build a better world

*Ref.: PDL/EIA/Strategic Planning/2916* *Dated: 25.03.2014*

The Member Secretary,
State Level Environmental Impact Assessment Authority (SEIAA), Haryana
Bays No. - 55 - 58, Paryatan Bhawan,
1st floor, Sector - 2,
Panchkula, Haryana

**Sub: Re-validation of Environmental Clearance for the project "Paliwal City" Township at Sector-38 & 39, Panipat, Haryana.**

Dear Sir,
We would like to inform you that we had received the Environmental Clearance from SEIAA Haryana vide letter no. DEH/09/SEIAA/279 dated 04.05.2009.

Due to recession period of 2010-2011, we were compelled to slow down the work on the above mentioned site to channelize the resources to all critical projects and as a result of this we couldn't complete the construction work, we are still waiting to come up from the financial losses which we had faced during the recession.

At this instance the Environmental Clearance is valid upto 03.05.2014 and for which we need a valid Environmental Clearance to complete the construction activity. The proposal of the project will remain same on which we already got the Environmental Clearance.

Thus, we are applying for the re-validation of Environmental Clearance with the following enclosures:

1. FORM I
2. FORM IA
3. CONCEPTUAL PLAN
4. COPY OF ENVIRONMENTAL CLEARANCE

Therefore, we are requesting you to kindly look into the matter and re-validate our Environmental Clearance for the next 5 years.

Thanking You

Yours Sincerely,
For Parsvnath Developers Ltd.

Authorized Signatory


**Parsvnath Developers Limited**
**Corporate Office :** 6th Floor, Arunachal Building, 19, Barakhamba Road, New Delhi-110001, Ph. : 011-43686600, 43684800, Fax : 011-23315400
**Registered Office:** Parsvnath Metro Tower, Near Shahdara Metro Station, Shahdara, Delhi - 110032, Ph. : 011-43050100, 43010500, Fax : 011-43050473
E-mail : mail@parsvnath.com, Visit us at: www.parsvnath.com

# ANNEXURE-VII

# CONCEPTUAL PLAN

# ANNEXURE-VIII

# LANDSCAPE PLAN

# ANNEXURE-IX

# STORM WATER DRAIANGE PLAN

# ANNEXURE-X

# ENVIRONMENTAL MANAGEMENT PLAN

## SALIENT FEATURES OF ENVIRONMENT MANAGEMENT PLAN

| **AIR MANAGEMENT** | |
|---|---|
| Impacts | Mitigation Measures |
| Construction Phase | |
| Deterioration of air quality due to fugitive dust and gaseous emissions | ▪ Covering of stored construction materials<br>▪ Covering of trucks carrying construction material<br>▪ Dust suppression by water sprinkling<br>▪ Adequate maintenance of construction equipment & vehicles |
| Operation Phase | |
| Impacts due to operation of standby DG set | ▪ Back-up DG sets to comply with the applicable emission norms<br>▪ Adequate stack height for DG sets will be provided.<br>▪ Use of back-up DG sets during power failure |
| **NOISE MANAGEMENT** | |
| Impacts | Mitigation Measures |
| Construction Phase | |
| Increase in noise levels due to construction activities | ▪ Use of protective gears by workers<br>▪ Proper maintenance of construction equipment & vehicles<br>▪ No construction activity during night hours |
| Operational Phase | |
| Impacts due to operation of DG sets and traffic generated due to the project | ▪ DG sets will be installed in the basement to minimize noise<br>▪ DG room will be treated acoustically and DG sets provided with exhaust mufflers<br>▪ Adequate parking, road signage and traffic management to avoid traffic congestion & noise |
| **WATER MANAGEMENT** | |
| Impacts | Mitigation Measures |
| Construction Phase | |
| Impact due to sewage generation from construction site | ▪ Drinking water and on-site sanitation facilities will be provided by the contractor<br>▪ Groundwater will not be abstracted during construction and will be met through water by tankers. |
| Operational Phase | |

| | |
|---|---|
| Impact due to untreated wastewater discharge | ▪ Some amount of treated waste water will be discharged into Municipal sewer.<br>▪ STP up to Tertiary level will be provided and treated wastewater will be used for AC, DG set cooling, Toilet flushing and horticulture. |
| **SOIL AND LAND MANAGEMENT** | |
| Impacts | Mitigation Measures |
| Construction Phase | |
| ▪ Impact on top soil of the built up area<br>▪ No impact as no change in the landuse zoning | ▪ Top soils of project site will be conserved and reused in the green areas |
| Operational Phase | |
| ▪ Disturbance of the soil in the project site may result in soil erosion<br>▪ The surrounding area of the project site is urbanized | The non-built up areas will be covered with grass turfing |
| **SOLID WASTE MANAGEMENT** | |
| Impacts | Mitigation Measures |
| Construction Phase | |
| Impacts due to disposal of construction spoils | ▪ Excess excavated earth and construction debris will be dumped in areas designated by HUDA<br>▪ Materials like cement bags, waste papers, cardboard packing material, unusable steel in bits and pieces will be sold to recyclers |
| Operational Phase | |
| Impacts due to solid waste disposal | ▪ Segregation of solid wastes into organic and inorganic components<br>▪ Selling of the recyclable inorganic wastes<br>▪ Conversion of biodegradable wastes into manure<br>▪ Stabilized and dewatered Sludge from STP will be used as manure for horticulture<br>▪ BMW will be segregated into separate color coded plastic bags (Yellow, Red, White & Black) as per BMW Rules.<br>▪ BMW will be handed over to vendor authorized by HSPCB /MoEF for the collection, transportation & final disposal of BMW. |

# ANNEXURE-XI

# RECEIPT OF SIX-MONTHLY COMPLIANCE JUNE-2014

**Parsvnath**
committed to build a better world

O|C

Ref: PDL/Strategic Planning/EIA/2957

30/05/2014

Sh. Surendra Kumar, Director(S)
Northern Regional Office
Ministry of Environment & Forests
Bays No. 24-25, Sector-31 A,
Dakshin Marg, Chandigarh-160030

**Sub: Compliance of Environmental Conditions for proposed "Paliwal City" in Sector-38,39 at Panipat, Haryana**

**Ref: EC letter No. DEH/09/SEIAA/279 dated 4/5/2009**

Dear Sir,

This is in reference to Environment Clearance letter No. DEH/09/SEIAA/279 dated 4/5/2009 for the above mentioned project. As per the conditions stipulated in the Environmental Clearance (EC) accorded to the project, we have been directed to submit the six monthly compliance report.

In this regard, we are submitting the pointwise compliances of conditions as stipulated in Environmental Clearance.

Thanking you,

Sunil 24/6/14

Yours faithfully
For Parsvnath Developers Ltd.

(Authorised Signatory)

*Copy to:*

1. *Regional Office, Haryana State Pollution Control Board, SCO-55, Sec-25 HUDA, Panipat*
2. *Member Secretary, SEIAA Haryana, Bays No. 55 - 58, Parytan Bhawan, 1st floor, Sector- 2, Panchkula.*