

Aggarwal Construction Company, Ram Tirth Road – Amritsar Division

Observation made on 28/11/2006	Compliance Status
It is observed that the camp site is not properly managed.	This needs to be done on regular basis.
The construction camp location is in radius of 1000 m distance from human settlement and is against the EMP clause (P-5). It was advised to check the air pollutant level from the hot mix plant.	Controlling the emission level and adoption of mitigation measures in EMP may minimize the impact to local people to certain extend. Air quality monitoring was pending.
In the camp 620 KW diesel generator is installed and it was advised to check the noise level and the stake height was less than as specified in NOC issued by PPCB (Stake height = Height of building + $0.2 (KW)^{0.5}$, for DG Capacity > 300 KW).	New stake has been installed.
The amount of spillage near bitumen tank and scrap yard is too large. This was pointed to contractor and was advised to construct concrete platform all around the bitumen storage tank and bitumen drum at scrap yard. It was further informed by Plant Manager that one new additional bitumen storage tank will be installed and one old storage tank will be removed. The other two storage tank shall be raised for stripping of the spill bitumen from the ground.	Replacement of bitumen tank is still pending. Rising of bitumen storage tank has been suspend and stripping of waste bitumen along the periphery of storage tank is in progress. New brick platform is being constructed for storage of bitumen tank and emulsion drum.
Oil storage tank was build underground and is not properly marked. The electric motor used for pumping the oil was leaking; as a result the soil is continuously polluted. In addition to provide counter fire accident measures, like installation of fire extinguisher and warning sign is needed in all such danger locations.	New oil storage tank is going to be installed. Rectification measure was not done on the day of inspection.
The room provided for Labour camp is good. But on other side, the bathing and washing area provided is without proper drainage. Stagnation of water around this area is observed and was suggested to drain out this waste water with disinfections of the area from time to time.	Filling of low lying area was on progress with construction of two additional kitchens for labour cooking.
For the scrap (steel channel, rubber etc) in the camp it was suggested that scarp yard platform be prepared with bituminous mix waste already existing in the plant.	A small room has been earmarked for scrap area, but it is felt that the area is less and suggested to develop additional area.
There was no defined mechanism for disposal of sediments. It was advised to submit a detail disposal mechanism and get approved.	Area has been assigned for disposal of sediments.
The stacking of aggregates was irregular and it was suggested to define the location and take preventive	Stocking of aggregates was done on uniform manner. In addition storm water collection tank construction is

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measures to prevent deposition of sediments to adjoining agriculture land during monsoon season.	in progress.
Transportation vehicle in the camp was park haphazardly, so it was suggested that a define parking area be provided.	The problem will persist as the camp area is small and major chunk of area is used for aggregates storage.
The camp need to be clean on regular basis, as this aspect was observed to be neglected.	This aspect need to be carried out on regular basis.
It is being observed that the bitumen waste are getting mixed with stocked aggregate and repairing services was also being done near by aggregate. It was advised that there should be defined area for vehicle repairing and segregates the bituminous mix waste from aggregate stocked.	Separate vehicle repairing station is under construction.
The Petrol Fuel Pump was constructed beneath the stair of the office and this is observed dangerous from person's safety point of view. It was suggested to relocate this at isolated area in addition to provide counter fire accident measures.	Safe location for fuel pump is not available due to small camp area. It has been suggested to provide adequate fire fighting measures in this location.
Construction camp have defined boundary, but the tree plantation was found less.	In addition, effort made for plantation of trees along the boundary wall of camp.

Additional Observation

- ☞ Setting up of information kiosk was suggested prior to starting of construction work.
- ☞ Project informatory board to be set on both ends of project road with details listed on letter issued on 19/12/2006 through Memo No. 12191-98.