

Executive Summary

Environmental Impact Assessment (2nd Schedule)

Proposed Development of Solid Waste Transfer Station

Lot PT 27065, Mukim Batu, Jalan Lingkaran Tengah II, Taman Beringin,
Wilayah Persekutuan Kuala Lumpur



PROJECT PROPONENT



PROJECT DEVELOPER



ENVIRONMENTAL CONSULTANT

JABATAN PENGURUSAN SISA
PEPEJAL NEGARA (JPSPN)
KEMENTERIAN PERUMAHAN DAN
KERAJAAN TEMPATAN (KPKT)

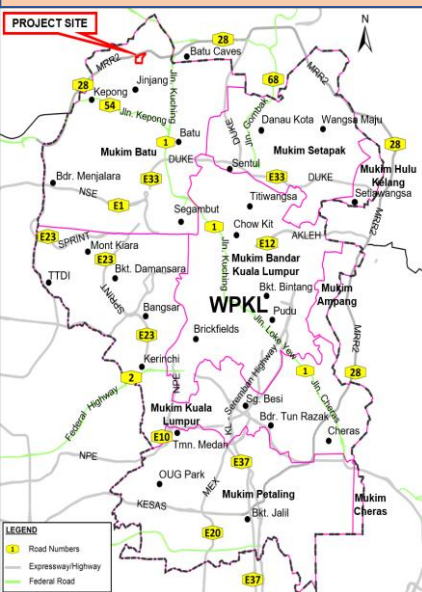
Aras 23 & 24, Persiaran Perdana,
Presint 4, Pusat Pentadbiran
Kerajaan Persekutuan, 62100
Putrajaya.

BUMI SEGAR INDAH SDN. BHD. (0964331-W)

No. 619, Block B2, Leisure Commerce Square,
Jalan PJS 8/9, 46150 Petaling Jaya,
Selangor Darul Ehsan.

VELCRO ENVIROTECH SDN. BHD. (971013-A)

No. 17A, Jalan Perniagaan Pulau 1 (PBC 1),
Pusat Perniagaan Pulau,
31300 Simpang Pulau, Perak Darul Ridzuan.

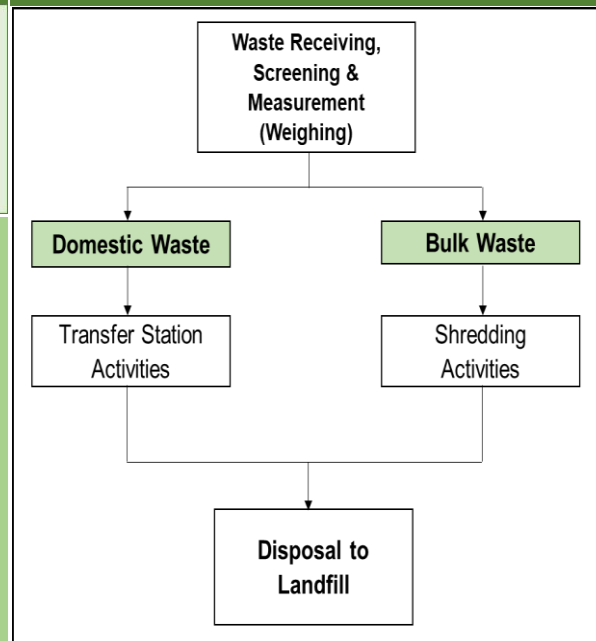
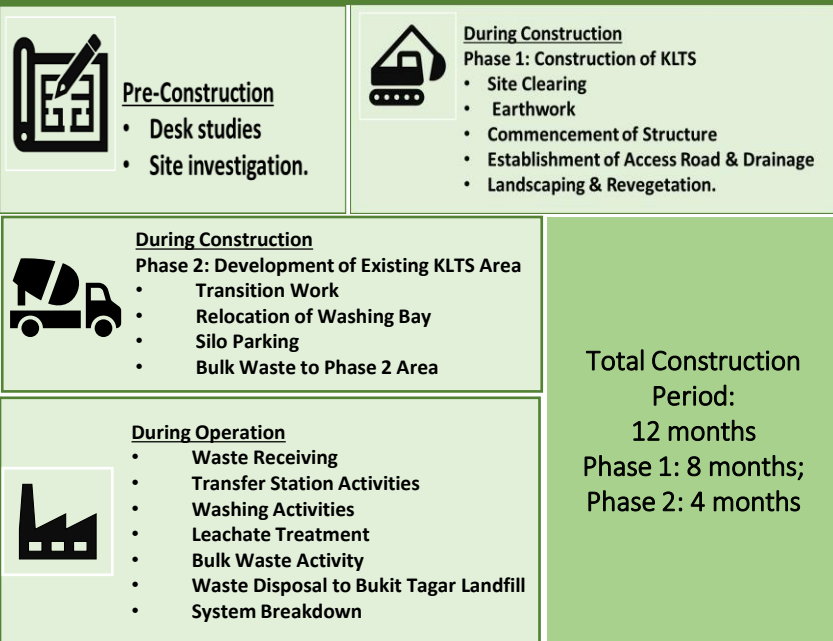


Concept: Vertical Transfer Station Technology

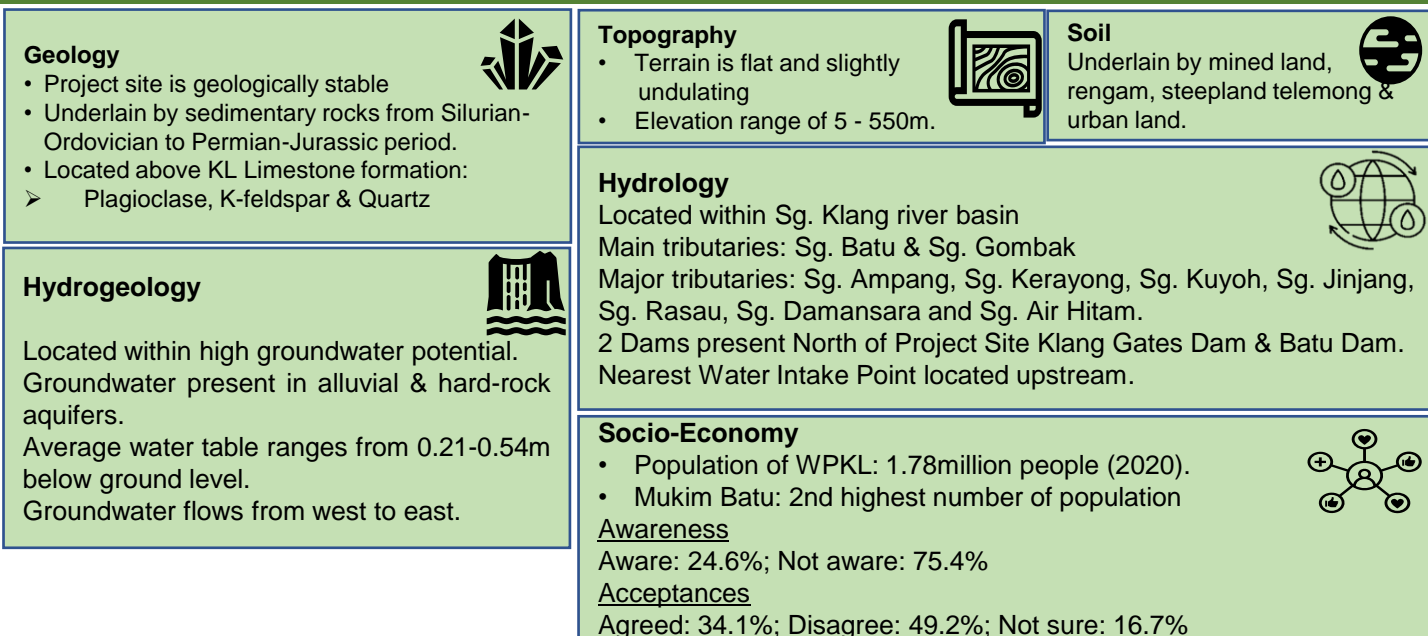


Project Activities

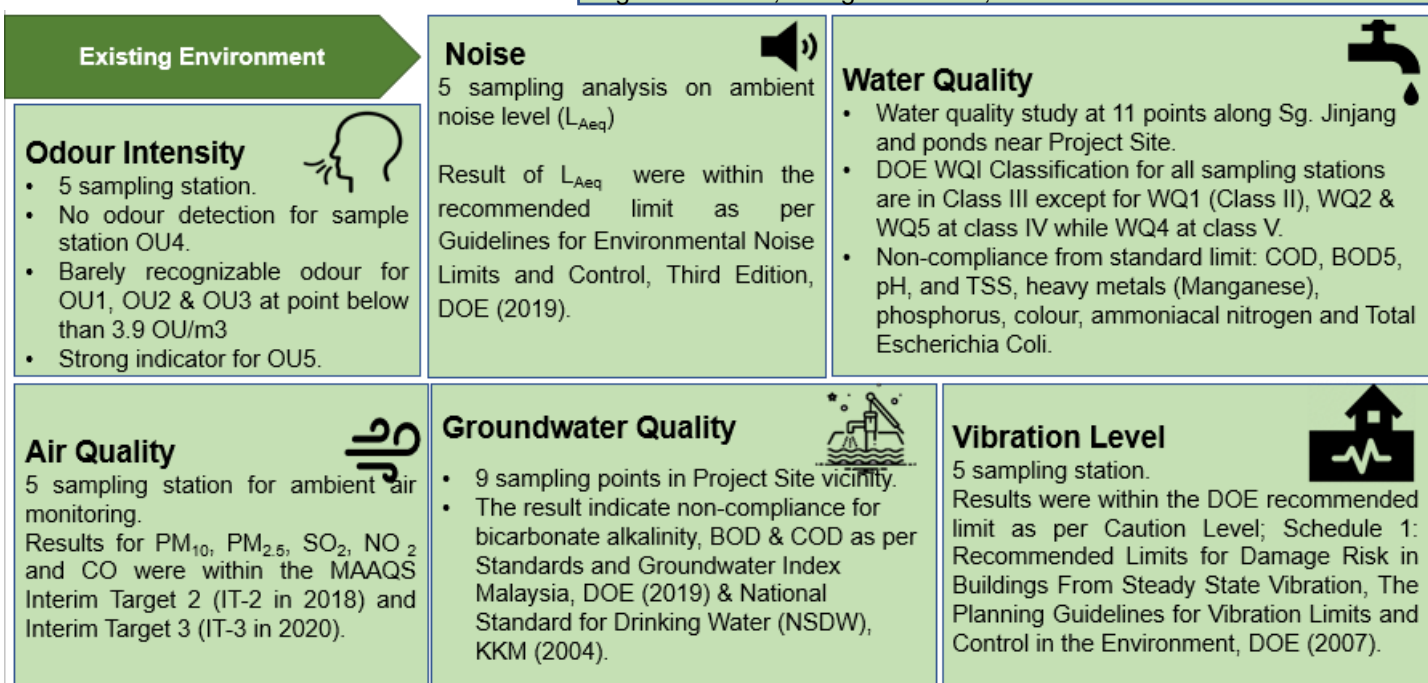
Waste Handling Process



Existing Environment



Existing Environment



Mitigating Measures (During Construction)



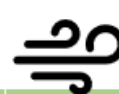
Soil Erosion

- Site clearing done in dry season.
- Prepare construction schedule.
- Restricted clearing areas only.
- Biomass generated temporarily stockpile and disposed at authorized landfill.
- Construct BMP's before earthwork.
- Equipped with earth drain & silt fence along existing retention pond.
- Re-vegetation/landscaping will be carried out upon completion of earthworks



Water Quality

- At Site:
- Mitigating measures as recommended in the LDP2M2
 - Regular maintenance of temporary drainage.
 - Repairing & servicing of machineries conducted outside from the Project site.
 - Provide scheduled waste storage area.
 - Temporary storage areas for construction material shall be covered with plastic sheet
 - Implement portable self-contained toilet.
- During monitoring:
- Surface water monitoring will be conducted on quarterly basis.
 - Take corrective action if discharge of water quality is not complied with the regulatory limits.



Air Quality

- At Site
- Regular damping on exposed area.
 - Open burning is prohibited.
 - Covered construction material with plastic sheet
 - Install tire washing facilities.
- On vehicle
- Lorries not be overloaded & properly covered.
 - Practices strict compliance with speed restriction.
 - Regular maintenance of all vehicles & machineries
 - Avoidance of unnecessary machineries operation
- On the roads
- Water bowser implemented twice per day
- Monitoring:
- Ambient air monitoring will be conducted at two sampling station on quarterly basis.

Mitigating Measure (During Operation)



Water Quality

- i) Upgrading of LTP:
- a) Maintenance and desludging of LTP shall be conducted regularly.
 - b) Operation of LTP supervised by a competent person.
 - c) Performance monitoring of LTP will be conducted every month.
- ii) Transportation of Waste:
- a) Leachate from KLTS will flow into LTP.
- iii) Sewage from workers
- a) Desludging regularly.
- iv) Domestic waste
- a) Do not accumulate and burn waste.
 - b) Provision of designated collection point and waste



Air Quality

- Avoidance of unnecessary running of vehicle and equipment.
- Regular damping on the exposed area.
- Regular inspection of the bulk waste storage area.
- Proper installation of air pollution control system.
- Performance monitoring of APCS shall be conducted regularly.
- The APCS supervised by appointed competent person.



Noise

- Construction activities conducted during daytime.
- Limit and control traffic movement and use of high volume intensity machinery.
- PPE provided to all workers.
- Avoiding simultaneous noisy activities



Odour

- Proper closure of container during waste transportation.
- Regular inspection on truck

Proposed Environmental Monitoring Program

Phase	No. & Type of Monitoring	Performance Monitoring (PM)	Compliance Monitoring (CM)	Impact Monitoring (IM)
Construction	1 water quality monitoring station	Not Applicable	✓	✓
	1 silt trap monitoring station	✓	✓	Not Applicable
	2 ambient air quality monitoring stations	Not Applicable	✓	✓
	2 noise monitoring stations	Not Applicable	✓	✓
	2 vibration monitoring stations	Not Applicable	✓	✓
Operation	3 ambient air quality monitoring stations	Not Applicable	Not Applicable	✓
	3 noise monitoring stations	Not Applicable	Not Applicable	✓
	5 ambient odour monitoring stations	Not Applicable	Not Applicable	✓
	1 stack monitoring station	Not Applicable	✓	Not Applicable
	3 groundwater monitoring stations	Not Applicable	✓	✓
	1 leachate monitoring station	Not Applicable	✓	✓
	2 water quality monitoring stations	Not Applicable	Not Applicable	✓